

transistor equivalents

TE

11th edition

Historie v/d Radio

DE MUIDERKRING

TRANSISTOR EQUIVALENTS

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N.V.H.R.

BIBLIOTHEEK
N.V.H.R.

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N.V.H.R.

11th edition
(entirely revised and extended)

(revised by A.M. Hoebeek, electron. e.)



Publishers

DE MUIDERKRING B.V.

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PREFACE

Ce manuel a été composé avec l'intention d'aider le lecteur de trouver des types de remplacement pour un type de transistor donné.

Il est universellement connu qu'il est pratiquement impossible, dans le cas des semi-conducteurs, de trouver des équivalents véritables dont tous les caractéristiques sont équivalents à celles du type donné. C'est pourquoi on remarquera très souvent, des petites différences entre les types de la première colonne des tableaux et les types qui sont mentionnés en tant qu'équivalents dans les colonnes 6 à 10, en ce qui concerne les mesures, le courant admissible, la dissipation ou toute autre caractéristique mécanique ou électrique. C'est la raison pour laquelle il est conseillé, en cas de doute, de vérifier les caractéristiques de l'équivalent opté à l'aide des spécifications complètes données par le fabricant en question. A cet effet on pourra aussi consulter un bon manuel par exemple le 'Semiconductor Handbook, Transistors', publié par De Muiderkring BV, Bussum - Les Pays Bas.

Certains types seront repertoriés avec une indication supplémentaire suivant le numéro du type, avec laquelle le facteur d'amplification du courant a été indiqué. Lorsque cet facteur est indiqué sur le boîtier par une tache d'une certaine couleur, par le fabricant, dans ces tables des équivalents cette couleur a été rappelée que des lettres que l'on devra lire comme suit:

b = noir	br = brun	r = rouge
v = violet	or = orange	ye = jaune
w = blanc	gn = vert	bl = bleu
	gr = gris	

Ces tables des équivalents ont été composés par les propres spécifications données par les fabricants. Conséquemment l'éditeur ne peut assumer la responsabilité pour erreurs éventuelles.

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL.	USE
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TYPE

L'ordre de classement est numérique-alphabétique

M/S

Matériel/Sorte

- C — transistor complémentaire PNP/NPN
- DG — double transistor de germanium
- DJ — double FET à jonctions
- DS — double transistor de silicium
- G — transistor de germanium
- GD — darlington transistor de germanium
- J — FET à jonctions (J-FET)
- M — MOS-FET
- ME — transistor à plusieurs émetteurs
- P — phototransistor
- PF — photo-FET
- PU — transistor à une jonction programmable
- S — transistor de silicium
- SD — darlington transistor de silicium
- SF — FET de silicium
- TA — transistor multiple
- U — transistor à une jonction

- FET — transistor à effet de champ
- MOS — métal oxyde semiconducteur

POL

- N — transistor NPN ou N-canal
- P — transistor PNP ou P-canal
- PN — transistor à une jonction

MANUFACTURER

Fabricant (page 12)

EUROPEAN

Equivalent européen
(. . .) proche compromis

AMERICAN

Equivalent américain
(. . .) proche compromis

JAPANESE

Equivalent japonais
(. . .) proche compromis

COMPL.

Type complémentaire

USE

Application

- 01 — amplificateur
- 02 — amplificateur haute fréquence
- 03 — amplificateur haute fréquence, haute puissance
- 04 — amplificateur photosensible
- 05 — amplificateur multiple
- 06 — amplificateur haute puissance
- 07 — amplificateur commutateur
- 08 — amplificateur commutateur multiple
- 09 — amplificateur commutateur haute puissance
- 10 — transistor commutateur
- 11 — transistor commutateur haute fréquence
- 12 — transistor 'chopper'
- 13 — transistor commutateur rapide
- 14 — transistor commutateur rapide haute puissance
- 15 — transistor commutateur universel
- 16 — transistor commutateur haute puissance
- 17 — transistor commutateur faible puissance
- 18 — amplificateur vidéo haute fréquence
- 19 — amplificateur vidéo faible fréquence
- 20 — transistor pour calculateur
- 21 — photodétecteur
- 22 — détecteur rayonnement
- 23 — transistor identique

VORWORT

Dieses Nachschlagewerk bietet Ihnen beim Suchen nach Vergleichstypen für einen bestimmten Transistortyp. Im Grossen und Ganzen dürfte es bekannt sein, dass man bei Halbleitern eigentlich nie von einem hundertprozentigen Äquivalent sprechen kann, bei dem also alle charakteristischen Merkmale genau die selben sind wie bei dem betreffenden Typ.

Jedenfalls wurde darum die Typen die in Spalte 1 dieser Tabellen vermeldet werden, die Typen die in den Spalten 6 bis 10 als Vergleichstypen erwähnt werden, nicht entsprechen z.B. qua Abmessungen, maximalen Strom, Verlustleistung und anderen mechanischen oder elektrischen Merkmalen.

In Zweifelsfall ist es darum empfehlenswert die Eigenschaften des gewählten Vergleichstyps anhand der ausführlichen Spezifikationen des betreffenden Herstellers zu kontrollieren. Hierfür kann man auch ein gutes Nachschlagewerk zur Hand nehmen, wie z.B. das 'Semiconductor Handbook, Transistors' vom Verlag De Muiderkring BV, Bussum - Niederlanden.

Manche Typen sind vermeldet mit einer Sonderangabe direkt hinter der Typnummer. Hiermit wird der Stromverstärkungsfaktor angegeben. Falls dieser Faktor wurde vom Fabrikanten auf dem Gehäuse mit einem Punkt in einer bestimmten Farbe angegeben, so wurde solches in diesen Vergleichstabellen dargestellt mit Buchstaben, die nachstehenden Farben bedeuten.

b = schwarz

v = violett

w = weiss

br = braun

or = orange

gn = grün

gr = grau

r = rot

ye = gelb

bl = blau

Diese Vergleichstabellen sind zusammengetragen aus Herstellerdaten. Dennoch kann der Verlag keine Verantwortung für eventuelle Ungenauigkeiten übernehmen.

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL.	USE
------	-----	-----	--------------	----------	----------	----------	--------	-----

TYPE

Alphabetische numerische Reihenfolge

M/S

Material/Sort

- C – Komplementärtransistor NPN/PNP
- DG – doppelter Germaniumtransistor
- DJ – doppelter Junction-FET
- DS – doppelter Siliziumtransistor
- G – Germaniumtransistor
- GD – Germanium Darlingtontransistor
- J – Junction-FET (J-FET)
- M – MOS-FET
- ME – Mehrfachemittertransistor
- P – Phototransistor
- PF – Photo FET
- PU – programmierbarer Unijunctiontransistor
- S – Siliziumtransistor
- SD – Silizium-Darlingtontransistor
- SF – Silizium-FET
- TA – Mehrfachtransistor
- U – Unijunctiontransistor

- FET – Feldeffekttransistor
- MOS – Metall Oxyd Halbleiter

POL

- N – NPN Transistor oder N-Kanal
- P – PNP Transistor oder P-Kanal
- PN – Unijunction Transistor

MANUFACTURER

Hersteller (Seite 12)

EUROPEAN

Vergleichbarer europäischer Typ
(. . .) nächst ähnlich

AMERICAN

Vergleichbarer amerikanischer Typ
(. . .) nächst ähnlich

JAPANESE

Vergleichbarer japanischer Typ
(. . .) nächst ähnlich

COMPL.

Komplementärtyp

USE

Anwendung

- 01 – Verstärker
- 02 – Hochfrequenzverstärker
- 03 – Hochfrequenzverstärker mit hoher Leistung
- 04 – Lichtempfindlicher Verstärker
- 05 – Mehrfachverstärker
- 06 – Verstärker mit hoher Leistung
- 07 – Schaltverstärker
- 08 – Mehrfachschaltverstärker
- 09 – Schaltverstärker mit hoher Leistung
- 10 – Schalttransistor
- 11 – Hochfrequenzschalttransistor
- 12 – Zerhacker
- 13 – Schnellschalttransistor
- 14 – Schnellschalttransistor mit hoher Leistung
- 15 – Universalschalttransistor
- 16 – Schalttransistor mit hoher Leistung
- 17 – Schalttransistor mit niedriger Leistung
- 18 – HF Fernsehverstärker
- 19 – NF Fernsehverstärker
- 20 – Computertransistor
- 21 – Photodetektor
- 22 – Strahlungsdetektor
- 23 – identische Transistoren

PREFACE

This book will enable the reader to find substitutes for given transistors. It is common knowledge that with semi-conductors one can rarely speak of perfect equivalents, as their characteristics are not quite identical to those of the given types.

In most cases the types quoted in column 1 of these tables will show slight differences with those quoted as equivalents in the columns 6 to 10 in dimensions, admissible current, dissipation or other mechanical or electrical features.

At least, if there is any doubt, it is recommended therefore to check the detailed features of the substitute in question by referring the manufacturer's complete specifications or a specialist's handbook such as 'Semiconductor Handbook, Transistors' published by The Muiderkring BV, Bussum - The Netherlands.

Some types are quoted with an indication directly after the type number by which the Current Gain Factor is indicated. If the manufacturer has indicated this factor by means of a coloured dot on the transistor case, such has been stated in these tables of equivalents by letters. These should be read as follows:

b = black

v = violet

w = white

br = brown

or = orange

gn = green

gr = grey

r = red

ye = yellow

bl = blue

These tables were compiled from the manufacturers' own specifications. The publisher therefore cannot assume any responsibility for any inaccuracy in the contents.

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL.	USE
------	-----	-----	--------------	----------	----------	----------	--------	-----

TYPE

alpha-numerical
transistor index

M/S

Material/Sort

C — complementary transistor NPN/PNP
 DG — dual germanium transistor
 DJ — dual junction transistor
 DS — dual silicon transistor
 G — germanium transistor
 GD — germanium darlington transistor
 J — junction FET (J-FET)
 M — MOS-FET
 ME — multiple-emitter transistor
 P — photo-transistor
 PU — programmable unijunction transistor
 S — silicon transistor
 SD — silicon darlington transistor
 SF — silicon FET
 TA — multiple transistor
 U — unijunction transistor

FET — Field Effect Transistor
 MOS — Metal Oxide Semiconductor

POL

N — NPN transistor or N-channel
 P — PNP transistor or P-channel
 PN — unijunction transistor

MANUFACTURER

(see page 12)

EUROPEAN

European equivalent
 (. . .) near equivalent

AMERICAN

American equivalent
 (. . .) near equivalent

JAPANESE

Japanese equivalent
 (. . .) near equivalent

COMPL.

Complement type

USE

01 — amplifier
 02 — high frequency amplifier
 03 — high power high frequency amplifier
 04 — light-sensitive amplifier
 05 — multiple amplifier
 06 — high power amplifier
 07 — switching amplifier
 08 — multiple switching amplifier
 09 — high power switching amplifier
 10 — switching transistor
 11 — high frequency switching transistor
 12 — chopper
 13 — high speed switching transistor
 14 — high speed high power
 switching transistor
 15 — general purpose transistor
 16 — high power switching transistor
 17 — low power switching transistor
 18 — television amplifier HF
 19 — television amplifier LF
 20 — special computer transistor
 21 — photodetector
 22 — radiation detector
 23 — matched transistor

PREFACE

Ce manuel a été composé avec l'intention d'aider le lecteur de trouver des types de remplacement pour un type de transistor donné.

Il est universellement connu qu'il est pratiquement impossible, dans le cas des semi-conducteurs, de trouver des équivalents véritables dont tous les caractéristiques sont équivalents à celles du type donné. C'est pourquoi on remarquera très souvent, des petites différences entre les types de la première colonne des tableaux et les types qui sont mentionnés en tant qu'équivalents dans les colonnes 6 à 10, en ce qui concerne les mesures, le courant admissible, la dissipation ou toute autre caractéristique mécanique ou électrique. C'est la raison pour laquelle il est conseillé, en cas de doute, de vérifier les caractéristiques de l'équivalent opté à l'aide des spécifications complètes données par le fabricant en question. A cet effet on pourra aussi consulter un bon manuel par exemple le 'Semiconductor Handbook, Transistors', publié par De Muiderkring BV, Bussum - Les Pays Bas.

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Matériau/Sorte

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- S — transistor de silicium
- SD — darlington transistor de silicium
- SF — FET de silicium
- TA — transistor multiple
- U — transistor à une jonction

FET — transistor à effet de champ
MOS — métal oxyde semiconducteur

POL

- N — transistor NPN ou N-canal
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MANUFACTURER

Fabricant (page 12)

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- 23 — transistor identique

MANUFACTURER**Fabrikant - Hersteller - Fabricant**

- A — AMS Advanced Memory System
AE — AEI Semiconductors Ltd.
AM — Ampere Electronic Corp.
AT — Ates (SGS) Componetti SpA
BG — Bogue Electric Mfd.
BL — Bharat Electronics
BT — Burns and Towne Inc.
CA — Carter Semiconductor Inc.
CB — CBS Electronics
CE — Calvert Electronics Inc.
CI — CSR Industries Semiconductor Div.
CL — Clairex Electronics Div.
CN — Continental Semiconductor
CO — Cossem - Sescossem
CR — Crystalonics Div. Teledyne
CV — Clevite Transistor
DD — Delco Electronics Div. General Motors
DT — Delsa - Toshiba
EI — Elcoma Div.
ES — Electro-State Industries Inc.
ET — Electronic Transistor Corp. ETC
F — Fairchild Semiconductor Corp.
FE — Ferranti Ltd.
FR — Franel Corp.
FU — Fujitsu Ltd.
GE — General Electric Corp. GEC
GI — General Instrument Corp. GIC
GP — Germanium Power Devices Corp.
GX — General Sensor Inc.
HI — Hitachi Ltd.
HS — Helios Semiconductor
HW — Honeywell Semiconductor
IC — Industro Transistor Corp.
ID — International Diode Corp.
II — International Devices Inc.
IL — Intersil
IN — Intermetall/ITT Semiconductor Div.
IS — Iskra
IT — ITT Semiconductors
KE — Kemtron Electronic Products
KM — KMC Semiconductor Corp.
KS — KSC Semiconductor Corp.
LI — Lignes Télégr. et Téléph.
LU — Lucas Joseph Electr. Ltd.
MA — Matsushita Electronic Corp.
MB — MBLÉ Manufacture Belgique de Lampes et de Matériel Electronique
ME — Micro Electronics Corp.
ML — Mistral SpA
MN — Miniwatt Div. of Philips Electronics
MO — Motorola Semiconductor Prod.
MT — Mitsubishi Electric Corp.
MU — Mullard
NI — Nippon Electric Comp. (NEC)
NP — New Jersey Semiconductor Prod.
NS — National Semiconductor Corp. NSC
NT — Newmarket Transistor Ltd.
NU — Nucleonic Products Co.
PC — Philco Corp. Micro - Electr. Div.
PE — Philips Electron Devices
PH — Philips Gloeilampenfabrieken
PI — Pigo Electronics
PP — Power Physics Corp.
PT — Power Tech. Inc.
RA — RTC La Radiotechnique Compelec
RC — RCA Corp.
RY — Raytheon Comp. Semiconductor Div.
RZ — RIZ - Tvrnica Poluvodica
S — Siemens AG
SA — Sanken Electric Co. Ltd.
SB — Société Indus. de Liaisons Electriques
SD — Solitron Devices
SE — Sescossem (Thomson - CSF)
SF — Silec Semiconductor
SG — SGS (Ates) Semiconduttori
SH — Shindengen Electric
SL — Semitron Ltd.
SM — Semicoa
SN — Sanyo Electric Corp.
SO — Sony Corp.
SP — Sprague Electric Corp.
SQ — Solid State Devices
SR — Semitronics Corp.
SS — Solid State Industrie
ST — Standard Telephone and Cables Ltd.
SU — Solid Power Corp.
SV — Solid State Scientific
SX — Siliconix Inc.
SY — Sylvania Electric Inc.
SZ — Silicon Transistor Corp.
Se — Semi-Elements Inc.
Ss — Société Européenne de Semicond.
St — Semiconductor Technology
TA — Transistor AG
TC — Toyo Electronic Ind. Corp.
TD — Tadiran
TF — Telefunken - AG/AEG
TH — Thorn - AEI Radio
TE — Teledyne Semiconductor Corp.
TJ — Tokyo Shibaura Electric
TK — TE-KA-DE
TO — Toshiba
TR — Transistron Electronic Corp.
TT — Trans-Tek Manufacturing Co.
TW — TRW Electronics Inc.
TX — Texas Instruments
UN — Unirode Corp.
UP — UPI Semiconductor
UT — Uni-Tran Semiconductor
UK — United Kingdom
V — Valvo GmbH
W — Westinghouse Electric Corp.
WA — Walbern Devices
WE — Western Electric
Y — Yaou Electric Corp.

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
A5T3821	J	N	TX		2N4302			
A5T3822	L	N	TX		2N4303			
A5T3823	J	N	TX		U1837E			
A5T3824	J	N	TX		U1837E			
A5T5460	J	P	TX		P1118E			
A5T5461	J	P	TX		P1117E			
A5T5462	L	P	TX		2N4360			
A157A	S	N	AM	BC107	A157			
A157B	S	N	AM	BC107	A157			
A158	S	N	AM	BC107	A157			
A158A	S	N	AM	BC107	A157			
A158B	S	N	AM	BC107	A157			
A158C	S	N	AM	BC107	A157			
A159B	S	N	AM	BC109	A159			
A159C	S	N	AM	BC109	A159			
A178	S	P	AM	BC177	A177			
A178A	S	P	AM	BC177	A177			
A178B	S	P	AM	BC177	A177			
A179A	S	P	AM	BC179	A179			
A179B	S	P	AM	BC179	A179			
A192	L	N	AM		2N3823	E304		
A610S	L	N	AM		MPF256	E420		
A747A	S	N	AM	BC147	A747			
A747B	S	N	AM	BC147	A747			
A748B	S	N	AM	BC147	A747			
A748C	S	N	AM	BC147	A747			
A749B	S	N	AM	BC149	A749			
A749C	S	N	AM	BC149	A749			
AC105	G	P	TF	AC173	2N2706	2N291	2SB220	01
AC105				AC153VI	2N2431	2N4106		01
AC106				AC131	AC152			01
AC106	G	P	TF	AC128	AC131	2N311	2SB220	01
AC106				AC153	AC153VII	2N4106		01
AC106				AC173				01
AC107	G	P	PH, V, MU, MB	AC125	AC128	2N406		01
AC107				AC151	AC151V			01
AC107				AC122	AC172			01
AC107N	G	P	NT	AC125		2N406		01
AC108	G	P	S	AC122R	AC125	2N406	2SB219	01
AC108				AC151IV	AC163	2N2429		01
AC109	G	P	S	AC122G	AC125	2N406	2SB219	01
AC109				AC151V	AC163	2N2429		01
AC110	G	P	S	AC122GR	AC125	2N506	2SB219	01
AC110				AC126	AC151VI	2N2431		01
AC110				AC151VII	AC163			01
AC110				AC173				01
AC113	G	P	TH, AE	AC122	AC122R	2N406		01
AC113				AC125	AC151			01
AC113				AC151V	AC151IV			01
AC113				SFT353				01
AC114	G	P	TH, AE	AC122G	AC125			01
AC114				AC128	AC151IV			01
AC114				AC151V	SFT353			01
AC115	G	P	TH, AE	AC122R	AC125			01
AC115				AC128	AC151IV			01
AC115				AC151V	AC160			01
AC116	G	P	TF	AC121V	AC126	2N610	2SB415	01
AC116				AC151	AC163	2N2429		01
AC116				AC188K				01
AC116gn	G	P	TF	AC121VI	AC116			01
AC116gn				AC125	AC151V			01
AC116ye	G	P	TF	AC116	AC121	2N2429	2SB75	01
AC116ye				AC125	AC151			01
AC117	G	P	TF	AC128	AC128K	2N467	2SB370A	01, 06
AC117				AC152	AC153	2N4106	2SB415	01, 06
AC117				AC153KVII	AC188K			01, 06
AC117R	G	P	TF	AC117	AC128			01
AC117R				AC153				01
AC118	G	P		AC117	AC128			01
AC118				AC153				01
AC119	G	P		AC117	AC128			01
AC119				AC153				01
AC120	G	P	S	AC117	AC121	2N467	2SB222	01
AC120				AC124	AC128	2N2706		01
AC120				AC153				01

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
AC120IV	G	P	S	AC121IV				01
AC120V	G	P	S	AC121V				01
AC121	G	P	S	AC117	AC128	2N2431		01
AC121				AC152	AC153			01
AC121IV	G	P	S	AC128	AC152IV	2N2706	2S8156A 2S8415	01
AC121V	G	P	S	AC128	AC152V	2N2706		01
AC121VI	G	P	S	AC128	AC152VI	2N2706		01
AC121VII	G	P	S	AC128	AC153VII	2N2706		01
AC122	G	P	TF	AC122	AC125	2N406	2S8364	01
AC122				AC150	AC151	2N2429	2S8459	01
AC122				AC162				01
AC122A	G	P		AC125	AC151IV			01
AC122A				SFT353				01
AC122V	G	P		AC122	AC126			01
AC122V				AC151VII	OC305II			01
AC122V				SFT353				01
AC122W	G	P		AC126	AC151			01
AC122W				SFT353				01
AC122gn	G	P	TF	AC122	AC125			01
AC122gn				AC126	AC151VI			01
AC122gn				OC304III	SFT353			01
AC122r	G	P	TF	AC122	AC125			01
AC122r				AC151IV	SFT353			01
AC122v	G	P	TF	AC151VII				01
AC122w	G	P	TF	AC163				01
AC122ye	G	P	TF	AC122	AC125			01
AC122ye				AC151V	SFT353			01
AC122/30	G	P	TF	AC126	(AC151)			01
AC122/30				ASY48				01
AC122/30b	G	P	TF	AC122	ASY48			01
AC122/30gn	G	P	TF	(AC151VI)	ASY48VI			01
AC122/30r	G	P	TF	(AC151IV)	ASY48IV			01
AC122/30r				SFT353				01
AC122/30v	G	P	TF	(AC151VII)	ASY48VI			01
AC122/30ye	G	P	TF	(AC151V)	ASY48V			01
AC122/30ye				SFT353				01
AC123	G	P	TF	AC126	AC152	2N613	2S856A	01
AC123				AC188K	ASY48	2N2429	2S875A	01
AC123				ASY48V				01
AC123gn	G	P	TF	AC123	AC126			01
AC123gn				(AC151VI)	ASY48			01
AC123gn				ASY48VI				01
AC123ye	G	P	TF	(AC151V)	ASY48V			01
AC124	G	P	TF	AC128	AC128K	2N2431	2S867	01, 06
AC124				AC153	(AC153KVI)	2N4106		01, 06
AC124				AC188K	OC72			01, 06
AC124K	G	P		AC128K	AC153K			01
AC124R	G	P	TF	AC128R	AC153IV			01
AC124R				AC153V				01
AC125	G	P	PH, V	AC122	AC151	2N406	2S8415	01
AC125				AC162	AC163	2N2429	2S8202	01
AC126	G	P	PH, V	AC151	AC163	2N506	2S8383	01
AC126				AC171		2N2429	2S8415	01
AC127	G	N	PH, MU, V, S	AC176	AC179	2N2430	2SD96	01
AC127							2SD105	01
AC127z	G	N		AC176		2N2430		01
AC127/01	G	N	PH, RA, MU	AC176	AC176K	2N2430		01
AC128	G	P	PH, V, AM, BL, MN	AC117	AC117R	2N467	2S8370	01, 06
AC128				AC124	AC153	2N2431	2S8415	01, 06
AC128				AC153VI		2N4106		01, 06
AC128	G	P	PP, RA, MU, MQ, SG	AC117	AC117R	2N467	2S8370	01, 06
AC128				AC124	AC153	2N2431	2S8415	01, 06
AC128				AC153VI		2N4106		01, 06
AC128K	G	P	PH, V, MB	AC117K	AC128	2N4106	2S8415	01
AC128K				AC153K	AC153KVI			01
AC128K				AC188K	OC308			01
AC128/01	G	P	PH, RA, MU	AC153KVI	AC188K			01, 06
AC129	G	P	TF	AC122	AC125		2S846	01
AC129				AC151	AC151IV			01
AC129				OC58	OC59			01
AC129				OC60				01
AC129b	G	P	TF	AC151				01
AC129v	G	P	TF	AC151				01
AC129ye	G	P	TF	AC151	AC122		2S847	01
AC129ye				AC125				01

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
AC130	G	N	PH,V,RA	AC127	AC153V	2N2430				01
AC130				AC190						01
AC131	G	P	TF	AC128	AC152	2N1924	2N2431	2S8370A	AC186	01,06
AC131				AC153	AC153VI	2N2706		2S8415		01,06
AC131				AC180						01,06
AC131/30	G	P	TF	AC128	AC153					01,06
AC131/30				(AC153VI)						01,06
AC132	G	P	PH, V, AM, BL, MN	AC125	AC131	2N406	2N1924	2S8364	AC127	01,06
AC132				AC151VI	AC152			2S8496		01,06
AC132				AC162	AC184					01,06
AC132	G	P	PP,RA	AC125	AC131	2N406	2N1924	2S8364	AC127	01,06
AC132				AC151VI	AC152			2S8496		01,06
AC132				AC162	AC184					01,06
AC132/01	G	P	PH,RA	AC153V	AC188K	2N2706				01,06
AC134	G	P	AT	AC121V	AC122ye	2N406				01
AC134										01
AC134				AC125	AC1511V					01
AC134				AC151V	AC173					01
AC134				OC71						01
AC135	G	P	AT	AC121V	AC122ye	2N408	2N2431			01
AC135				AC125	AC126					01
AC135				AC151V	AC151VI					01
AC136	G	P	AT	AC122ye	AC125	2N109	2N217			01
AC136				AC126	AC131/30	2N2431				01
AC136				ASY48VI	AC151V					01
AC136				AC151VI						01
AC137	G	P	AT	AC121VI	AC126	2N2431				01
AC137				AC128	AC151VII					01
AC137				AC171						01
AC138	G	P	AT	AC122r	AC125	2N456	2N2706	2S42		01
AC138				AC152	AC153	TA2063	TA2065			01
AC138				AC151VI	AD148					01
AC138				AM54						01
AC138H	G	P	AT	AC128	(AC153VII)	2N2706				01
AC138-4	G	P	AT	AC153V						01
AC138-5	G	P	AT	AC153V						01
AC138-6	G	P	AT	AC153VI						01
AC138-7	G	P	AT	AC153VII						01
AC139	G	P	AT	AC122ye	AC117R	2N2706				01
AC139				AC125	AC128					01
AC139				AC151V	AC153					01
AC139K	G	P	AT	AC128K	AC153KVI					01
AC139-4	G	P	AT	AC153V						01
AC139-5	G	P	AT	AC153V						01
AC139-6	G	P	AT	AC153VI						01
AC141	G	N	AT	AC175	AC176	2N647	2N2430			01
AC141										01
AC141				AC181	AM72					01
AC141				SFT377						01
AC141B	G	N	AT	AC176						01
AC141B4	G	N	AT	AC176						01
AC141B5	G	N	AT	AC176						01
AC141B6	G	N	AT	AC176						01
AC141B7	G	N	AT	AC176						01
AC141H	G	N	AT	(AC176)					AC142H	01
AC141HK	G	N	AT	(AC176)					AC142HK	01
AC141K	G	N	AT	AC176K	AC187K				AC142K	01
AC141K4	G	N	AT	AC176K						01
AC141K5	G	N	AT	AC176K						01
AC141K6	G	N	AT	AC176K						01
AC141-4	G	N	AT	AC176						01
AC141-5	G	N	AT	AC176						01
AC141-6	G	N	AT	AC176						01
AC142	G	P	AT	AC117R	AC128	2N217	2N2706			01
AC142				AC153	AC173					01
AC142				AM74						01
AC142H	G	P	AT	(AC153V)					AC141H	01
AC142HK	G	P	AT	(AC153V)						01
AC142K	G	P	AT	AC142	AC153K				AC141HK	01,06
AC142K				AC188K					AC141K	01,06
AC142K4	G	P	AT	AC153KV						01
AC142K5	G	P	AT	AC153KV						01
AC142K6	G	P	AT	AC153KVI						01
AC142-4	G	P	AT	AC153V						01
AC142-5	G	P	AT	AC153V						01
AC142-6	G	P	AT	AC176VI						01
AC160	G	P	AT	AC125	AC125R	2N406	2N2429	2S8439		01

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
AC150				AC151	AC151r			01
AC150				AC126				01
AC150gn	G	P	TF	AC125	AC151rVI	2N652		01
AC150gn				AC163				01
AC150v	G	P	TF	AC151rVII				01
AC150vr	G	P	TF	AC151rVII				01
AC150ys	G	P	TF	AC125	AC151V			01
AC150ys				AC151rV	AC163			01
AC150ys				SFT353				01
AC151	G	P	S	AC125	AC126	2N238	2N2429	2SB430
AC151				AC128	AC173			2N2706
AC151IV	G	P	S	AC122r	AC126	2N238		2SB450
AC151IV				AC128				2N2706
AC151V	G	P	S	AC122ye	AC125	2N2706		
AC151V				AC128				
AC151VI	G	P	S	AC122gn	AC125	2N2706		
AC151VI				AC128				
AC151VII	G	P	S	AC122V	AC125	2N2706		
AC151VII				AC128				
AC151r	G	P	S	AC125		2N406		
AC151rIV	G	P	S	AC125	AC128	2N406		2SB73
AC151rIV				AC150	OC306I			
AC151rV	G	P	S	AC125	AC128	2N406		
AC151rV				AC150	AC151V			
AC151rV				OC306II				
AC151rVI	G	P	S	AC125	AC128	2N2706		
AC151rVI				AC150	OC306III			
AC151rVII	G	P	S	AC151VII	AC160			
AC151rVII				OC307				
AC152	G	P	S	AC128	AC131/30	2N238	2N1924	2SB156
AC152				AC132	AC184	2N2431	2N2706	2SB415
AC152IV	G	P	S	AC128	AC124R	2N610	2N2706	2S32
AC152IV				OC307	OC308	2N4106		
AC152IV				SFT322				
AC152V	G	P	S	AC124R	AC128	2N610	2N2706	2S32
AC152V				OC307	OC308			
AC152V				SFT322				
AC152VI	G	P	S	AC117R	AC128	2N610	2N2706	2S32
AC152VI				OC307	OC308			
AC152VI				SFT322				
AC153	G	P	S	AC117	AC124	2N467	2N2431	2SB415
AC153				AC128				
AC153K	G	P	S	AC117K	AC128K	2N4106		2SB415
AC153K				AC180K	AC188K			
AC153KV	G	P	S	AC188K				
AC153KVI	G	P	S	AC188K				
AC153KVII	G	P	S	AC188K				
AC153V	G	P	S	AC124R	AC128	2N467	2N2706	2SB222
AC153V				AC210	ASY12	2N4106		
AC153V				ASY24				
AC153VI	G	P	S	AC117R	AC128	2N2706		2SB415
AC153VI				AC210	ASY12			
AC153VI				ASY24				
AC153VII	G	P	S	AC117R	AC128	2N2706		
AC153VII				AC210	ASY12			
AC153VII				ASY24				
AC154	G	P	TH, AE	AC128	AC131	2N1924	2N2706	
AC154				AC152IV	AC152V			
AC154				OC309				
AC155	G	P	TH, AE	AC122r	AC122ye	2N406		
AC155				AC125	AC151V			
AC155				AC151V	OC304T			
AC156	G	P	TH, AE	AC122ye	AC125	2N2406		
AC156				AC151V	OC304III			
AC157	G	N	TH, AE	AC127	AC176K	2N2430		
AC157				AC176	AC181			
AC157				AC188				
AC160	G	P	TF	AC125	AC151r	2N406		
AC160				AC151V	AC181			
AC160A	G	P	TF	AC125	AC151r	2N406		
AC160A				AC151rV	AC151V			
AC160A				AC161				
AC160B	G	P	TF	AC125	AC128	2N406		
AC160B				AC151r	AC151V			
AC160B				AC151rVI	AC161			

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
AC160B	G	P	TF	OC307				01
AC160K	G	P	TF	AC125R				01
AC160gn	G	P	TF	AC151rVI	AC161			01
AC160r	G	P	TF	AC125r	AC151rIV	2SB73		01
AC160r				AC161				01
AC160r				OC306I				01
AC160v	G	P	TF	AC151rVII	AC161			01
AC160ve	G	P	TF	AC151rV	AC161			01
AC161	G	P	SE	AC125r	AC151V			01
AC161				AC151rV	AC151rVI			01
AC161				AC160	OC306III			01
AC161				OC307				01
AC162	G	P	S	AC125	AC126	2N37	2N406	2SB219
AC162				AC128	AC170	2N2429		2SB459
AC162				AC173				01
AC163	G	P	S	AC125	AC128	2N406	2N506	2SB450
AC163				AC171	AC173	2N2429	2N2907	01
AC165	G	P	TH, AE	AC122ve	AC125	2N2430		01
AC165				AC151V	AC151VI			01
AC165				AC176	AC222			01
AC166	G	P	TH, AE	AC128	AC131/30	2N1189	2N2706	01
AC166				AC152	AC152V	2N4106		01
AC167	G	P	TH, AE	AC128	AC131/30	2N1189	2N2706	01
AC167				AC152V		2N4106		01
AC168	G	N	TH, AE	AC127	AC175K			01
AC168				AC179				01
AC169	G	P	TH	AC121V	AC122			01
AC169				AC125	AC151			01
AC170	G	P	TF	AC125	AC126	2N406		2SB54
AC170				AC151VI	AC162			2SB77A
AC170				AC173	OC309			01
AC171	G	P	TF	AC125	AC126	2N406		2SB439
AC171				AC151VII	AC163			2SB460
AC171				AC173				01
AC172	G	N	PH, V	AC127	AC181	2N2430		01
AC172				AC176				01
AC173	G	P	SE	AC125	AC128	2N406	2N1189	01
AC173				AC131	AC132			01
AC173				AC152	AC152V			01
AC174	G	P	SE	AC128	MJ2060			01
AC174				AC153	AC153V			01
AC174				AC131/30				01
AC175	G	N	TF	AC127	AC181	2N2707		01
AC175				AC187	AC187K			01
AC175K	G	N		AC176K	AC183K			01
AC176	G	N	PH, V, S	AC181	AC186	2N2430		AC153
AC176				AC187				01
AC176K	G	N	S	AC176	AC181K			AC153K
AC176K				AC186	AC187K			01
AC177	G	P	TH, AE	AC128	AC131	2N2706		01
AC177				AC152	AC152V			01
AC177				AC173	ASY80			01
AC178	G	P	TF	AC122K	AC128K		2SB370	01
AC178				AC153K	AC180K			01
AC178				AC188K				01
AC179	G	N	TF	AC176K				01
AC179				AC187K				01
AC179K	G	N		AC181K	AC187K			01
AC180	G	P	SE	AC128	AC131/30	2N1185	2N2706	01
AC180				AC153		2N4106		01
AC180K	G	P	SE	AC128K	AC131/30			01
AC180K				AC153	AC188K			01
AC180KL	G	P		AC188K				01
AC181	G	N	SE	AC127	AC176	TL560	2N2430	01
AC181				AC186				01
AC181K	G	N	SE	AC176	AC186			01
AC181K				AC187K				01
AC181KL				AC187K				01
AC181L	G	N	SE	AC176				AC180L
AC182	G	P	SE, Ss, ML	AC125	AC151VI	2N406		01
AC182				AC184				01
AC183	G	N	SE, Ss, ML	AC127	AC176	2N2430		01
AC184	G	P	SE	AC128	AC153	MJ2060	2N2706	01
AC184				AC152		2N4106		01
AC184				AC131				01

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
AC185	G	N	SE	AC127	AC176			01
AC185				AC176K	AC188			01
AC186	G	N	TF	AC176	AC185			01
AC186				AC187K				01
AC187				AC176				01
				AC176	2N2430			01
AC187K	G	N	AT, S, V, TF	AC175K	AC176K			01
AC187K7	G	N	AT	AC187K			AC188K	01
AC187K8	G	N	AT	AC187K				01
AC187K9	G	N	AT	AC187K				01
AC187/01	G	N	PH	AC187K		2N2707		01
AC187-7	G	N	AT	AC176				01
AC187-8	G	N	AT	AC176				01
AC187-9	G	N	AT	AC176				01
AC188	G	N	AT, AM, BL, MN, MU	AC128	AC153VI			01
AC188				AC193			AC187	01
AC188	G	P	PE, PH, RA, V	AC128	AC153VI			01
AC188				AC193				01
AC188K	G	P	AT, S, TF, V	AC193				01, 06
AC188K7	G	P	AT	AC188K				01
AC188K8	G	P	AT	AC188K				01
AC188K9	G	P	AT	AC188K				01
AC188/01	G	P	PH	AC188K				01
AC188-7	G	P	AT	AC153VI				01
AC188-8	G	P	AT	AC153VII				01
AC188-9	G	P	AT	AC153VII				01
AC191	G	P	AT	AC125	AC151r			01
AC191-4	G	P	AT	AC151rIV		2N406		01
AC191-5	G	P	AT	AC151rV				01
AC191-6	G	P	AT	AC151rVI				01
AC191-7	G	P	AT	AC151rVI				01
AC191-8	G	P	AT	(AC151rVII)				01
AC192	G	P	AT	AC125	AC151			01
AC192				AC170		2N406		01
AC192-4	G	P	AT	AC151IV				01
AC192-5	G	P	AT	AC151V				01
AC192-6	G	P	AT	AC151VI				01
AC192-7	G	P	AT	AC151VII				01
AC192-8	G	P	AT	AC151VII				01
AC193	G	P	AT	AC117	AC128			01, 06
AC193				AC153	AC153VI	2N2706	AC194	01, 06
AC193				AC188K				01, 06
AC193K	G	P	AT	AC117	AC128K			01, 06
AC193K				AC153K	AC153KVI		AC194K	01, 06
AC193K	G	P	AT	AC188K				01, 06
AC193K7	G	P	AT	AC153KVI	AC188K			01
AC193K8	G	P	AT	AC153KVII	AC188K			01
AC193K9	G	P	AT	AC153KVII	AC188K			01
AC193-7	G	P	AT	AC153VI				01
AC193-8	G	P	AT	AC153VII				01
AC193-9	G	P	AT	AC153VII				01
AC194	G	N	AT	AC176	AC181			01
AC194				AC186	AC187	2N2430		01
AC194				AC187K				01
AC194K	G	N	AT	AC176K	AC187K			01
AC194K7	G	N	AT	AC176K	AC187K		AC193K	01
AC194K8	G	N	AT	AC176K	AC187K			01
AC194K9	G	N	AT	AC176K	AC187K			01
AC194-7	G	N	AT	AC176				01
AC194-8	G	N	AT	AC176				01
AC194-9	G	N	AT	AC176				01
ACY16	G	P	TF	AC128K	(AC153KV)			01
ACY16				ACY33V	ASY14	2N526	2SB415	01
ACY17	G	P	MU, PE, NT	(ASY48V)				01
ACY18	G	P	MU, NT, PE	ACY17	(ASY48V)	2N1188	2SA503	01
ACY19	G	P	MU	AC117	AC128	2N249	2SA504	01
						2N1188	2S56	01
ACY19				AC153	ACY17	2N4106		01
ACY19				(ASY48VI)				01
ACY20	G	P	MU, NT, PE	AC128	AC131/30	2N1188	2SA504	01
ACY20	G	P	MU, NT, PE	AC152V	AC153			01
ACY20				ACY17				01
ACY21	G	P	MU, NT, PE	AC152VI	ACY17	2N1188	2SB32	01
ACY21				ACY20		2N1924		01
ACY22	G	P	MU, NT, PE	AC152V	ACY17	2N1188	2SB32	01
ACY22	G	P	MU, NT, PE	ACY33		2N1924		01
ACY22E	G	P		ACY17		2N1176		01

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
ACY22H	G	P		ACY17		2N1176				01
ACY23	G	P	S	AC122	AC125	2N37	2N526	2S8219		01
ACY23				AC128	ASY80	2N2706				01
ACY23				OC71						01
ACY23V	G	P	S	AC128		2N2706				01
ACY23VI	G	P	S	AC128		2N2706				01
ACY24	G	P	TF	AC188K	ASY14	2N138	2N1924	2S8421		01
ACY24				ASY23	ASY48V					01
ACY24				(ASY48IV)						01
ACY27	G	P	IN, TF	AC122	AC125	2N406	2N525	2S13		01
ACY27				AC151	ACY23	2N2447				01
ACY27				(ASY48IV)						01
ACY28	G	P	IN, IT	AC122	AC125	2N406	2N526			01
ACY28				AC151	ASY23					01
ACY28				ASY26	(ASY48V)					01
ACY29	G	P	IN, IT	AC125	AC160	2N237	2N406			01
ACY29				ACY27	ACY32					01
ACY29				(ACY48V)						01
ACY30	G	P	IN, IT	AC122/30	AC126	2N237	2N526			01
ACY30				AC128	AC131/30	2N2431				01
ACY30				AC153	(ASY48V I)					01
ACY31	G	P	IN, IT	AC125	(ASY48V)	2N406				01
ACY32	G	P	S	AC122	AC125	2N406	2N506			01
ACY32				AC125R	AC150	2N527				01
ACY32				ASY80						01
ACY32V	G	P		AC125		2N406				01
ACY32VI	G	P	S	AC125		2N406				01
ACY33	G	P	S	AC123	AC128	2N527	2N613	2SA204		01
ACY33				ACY16K	ASY14	2N618	2N2706			01
ACY33VI	G	P		AC128		2N2706				01
ACY33VII	G	P	S	AC128		2N2706				01
ACY33VIII	G	P	S	AC128		2N2706				01
ACY34	G	P	IN	AC122	AC125	2N2431				01
ACY34				ACY22	ACY23V					01
ACY34				ASY14	ACY23					01
ACY35	G	P	IN	AC122	AC125	2N406				01
ACY35				ACY23V	ASY14					01
ACY36	G	P	IN	AC122	AC125	2N406				01
ACY36				ACY23V	ASY14					01
ACY38	G	P	SE, Ss, ML	AC125	AC125R	2N406				01
ACY38				AC151	AC160					01
ACY38				AC160B	ACY32					01
ACY38				ASY27						01
ACY40	G	P	MU, NT	AC152IV	ACY17	2N1188				01
ACY40				ACY18						01
ACY41	G	P	MU, NT	AC152VI	ACY17	2N1188				01
ACY41				ACY40						01
ACY44	G	P	MU	ACY17	ACY19	2N1188	2N4106	2S56		01
ACY44				(ASY48V)						01
AC210	G	P	TF	AC128	AC153	2N467	2N4106	2S8222		01
ACZ10				AC153V	ASY12					01
ACZ10				ASY48	(ASY48V)					01
ACZ10				ACY24K						01
AD103	G	P	S	AD133	ADZ11	2N1146	2N1167			06
AD103				AUY29/5	SFT265					06
AD103IV	G	P	S	(AD133III)						06
AD103IV	G	P	S	(AD133IV)						06
AD103V	G	P	S	(AD133V)						06
AD103VI	G	P	S	(AD133VI)						06
AD104	G	P	S	ADZ12	AUY21	2N1146A	2N1167			06
AD104				AUY29/5	SFT266					06
AD104II	G	P	S	(AUY21II)						06
AD104IV	G	P	S	(AUY21IV)						06
AD104V	G	P	S	(AUY21V)						06
AD105	G	P	S	ADZ12	AU103	2N1146B				06
AD105				AUY22	SFT266					06
AD105II	G	P	S	(AUY22II)						06
AD105III	G	P	S	(AUY22III)						06
AD105IV	G	P	S	(AUY22IV)						06
AD105V	G	P	S	(AUY22V)						06
AD130	G	P	S	AD129	AD149	T13029	2N1536	2S8337		06
AD130				AD163	ASZ16			2S8426		06
AD130III	G	P	S	AD149	ASZ13	T13029	2N1536			06
AD130III				OC26	OD603	2N2063				06
AD130III				SFT213						06

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
AD130IV	G	P	S	AD149	AD149IV	T13029	2N257			06
AD130IV				ASZ18	OC26	2N1536	2N2064			06
AD130IV	G	P	S	SFT213						06
AD130V				AD149	AD149V	T13029	2N257			06
AD130V				ASZ16	OC26	2N1536	2N2064			06
AD130V				SFT213						06
AD131	G	P	S	AD149	ASZ16	2N1536		2SB425		06
AD131				AUY33						06
AD131III	G	P	S	AD138/50	AD149	T13029	2N1536	2SB471		06
AD131III				ASZ16	OD603/50	2N2065				06
AD131III				SFT250						06
AD131IV	G	P	S	AD138/50	AD149IV	T13029	2N268			06
AD131IV				ASZ16	GFT4012	2N1536	2N2066			06
AD131IV	G	P	S	SFT250						06
AD131V				AD138/50	AD149V	T13029	2N268			06
AD131V				ASZ16	GFT4012	2N1536	2N2066			06
AD131V				SFT250						06
AD132	G	P	S	ASZ15	ASZ18	2N1533		2SB424		06
AD132				AUY32						06
AD132II	G	P	S	ASZ15	OC26	2N1533	2N2065			06
AD132II				OD603/50	SFT250					06
AD132III	G	P	S	ASZ15	AUY22III	2N2065		2SB472		06
AD132III				OC26	OD603/50					06
AD132III				SFT250						06
AD132IV	G	P	S	AUY22IV	AUY28	T13030	2N268			06
AD132IV				OC28	SFT250	2N1167	2N2066			06
AD132IV				GFT4012						06
AD132V	G	P	S	AUY22IV	AUY29					06
AD133	G	P	S	ADZ11	ADZ12	2N1146	2N1167	2SB236		06
AD133				AUY29V	SFT265	2N1549				06
AD133III	G	P	S	ADZ11	AUY29III	2N1167	2N1549	2SB236		06
AD133III				AUY29V						06
AD133IV	G	P	S	AUY29IV	AUY29V	2N1167				06
AD133V	G	P	S	AUY29V		2N1167				06
AD136	G	P	S	AD138	AD160	2N11848	2N1536			06
AD136				AD211	ASZ16					06
AD136				ASZ18						06
AD136IV	G	P	S, TF	AD138		2N11848				06
AD136V	G	P	S, TF	AD138		2N11848				06
AD136VI	G	P	S, TF	ASZ16		2N1536				06
AD136/4	G	P	S, TF	ASZ16		2N1536				06
AD136/5	G	P	S, TF	ASZ16		2N1536				06
AD136/6	G	P	S, TF	ASZ16		2N1536				06
AD138	G	P	TF	AD133	AD148	2N561	2N1022A	2SB151		06
AD138				ADZ11	ASZ16	2N1536		2SB425		06
AD138				ASZ17	ASZ18					06
AD139	G	P	TF, V, PE, PH	AD148	AD148V	2N2835				06
AD139				AD149	AD150					06
AD139				AD162						06
AD140	G	P	PH, MU	AD149	ASZ16	2N1022	2N1536			06
AD140										06
AD142	G	P	AT	AD133	AD138/50	2N2836				06
AD142				AD149	ADZ11	2N301A	2N1533			06
AD142	G	P	AT	AM92	ASZ15					06
AD142				AUY22	SFT240					08
AD142-4	G	P	AT	AUY22III						06
AD142-6	G	P	AT	AUY22IV						06
AD142-6	G	P	AT	AUY22IV						06
AD143	G	P	AT	AD133	AD138/50	2N301	2N1536			06
AD143				AD150	ADZ11	2N2869				06
AD143				AM91	AUY21					06
AD143				OC28						06
AD143R	G	P	AT	ASZ16	AUY21	2N1536				06
AD143R-4	G	P	AT	AUY21III						06
AD143R-5	G	P	AT	AUY21IV						06
AD143R-6	G	P	AT	AUY21IV						06
AD143-4	G	P	AT	AUY21III						06
AD143-5	G	P	AT	AUY21IV						06
AD143-6	G	P	AT	AUY21IV						06
AD145	G	P	AT	AD133V	AD138					06
AD145				ASZ18	AUY21III					06
AD146	G	P	S, AT	AD166						06
AD148	G	P	S, AT	AC138	AD139	2N456	2N2835	2SB426		06
AD148				AD162	OC28					06
AD148				OC38						06

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
AD148IV	G	P	S, AT	AD139	AD148	2N456		2SB426		06
AD148IV				AD156						06
AD148V	G	P	S, AT	AD139	AD148	2N2835				06
AD148V				AD156						06
AD148/66	G	P		AD162		2N2835				06
AD149	G	P	AT, PH, S, TF	AC138	ASZ16	2N456	2N1536	2SB425		06
AD149				OC28	OC36	2N2836				06
AD149/01	G	P		AD149		2N3836				06
AD149/02	G	P		AD149		2N2836				06
AD149IV	G	P	AT, PH, S, TF	AD149	AD166	T1156	2N456	2SB471		06
AD149IV				ASZ16		2N1536				06
AD149V	G	P	AT, PH, S, TF	AD149	AD166	T1156	2N1536	2SB471		06
AD149V				ASZ16						06
AD150	G	P	AT, S, TF	AC138	AD149	2N456	2N1536	2SB426		06
AD150				ASZ16	OC36	2N2836				06
AD150IV	G	P	AT, S, TF	AD150	AD166	T1156	2N456	2SB426		06
AD150IV				ASZ16		2N1536				06
AD150V	G	P	AT, S, TF	AD150	AD166	T1156	2N1536			06
AD150V				ASZ16						06
AD152	G	P	TF	AD149	AD156	T1156	2N2835	2SB368		06
AD152				AD162	AD162V	2N2836		2SB425		06
AD152				AD162VI						06
AD153	G	P	SE	AD131	AD138	T1156				06
AD153				AD149						06
AD155	G	P	TF	AD156	AD162	2N2835		2SB367		06
AD155				AD162V				2SB426		06
AD156	G	P	S	AD139	AD148	2N2835				06
AD156				AD152	AD162					06
AD156				AD162VII						06
AD157	G	P	S	AD162	AD162VII	2N2835				06
AD159	G	P	TF	AD136	AD136IV					06
AD159				ASZ17						06
AD160	G	P	TF	AD136	AD136IV					06
AD160				AD136V	ASZ16					06
AD161	G	N	PH, S, TF, V	AD165		2N4077			AD182	06
AD162	G	P	PH, S, TF, V	AD262		2N2835		2SB367	AD161	06
AD162								2SB426		06
AD162V	G	P	S	AD162		2N2835				06
AD162VI	G	P	S	AD162		2N2835				06
AD162VII	G	P	S	AD162		2N2835				06
AD162VIII	G	P	S	AD162		2N2835				06
AD163	G	P	S	ASZ15	ASZ18	2N1533		2SB424		06
AD163				AUY32						06
AD163II	G	P	S	ASZ15		2N1533				06
AD163III	G	P	S	ASZ15		2N1533				06
AD163IV	G	P	S	ASZ15		2N1533				06
AD164	G	P	TF	AD162	AD162VI	2N2835		2SB367	AD165	06
AD165	G	N	TF	AD161		2N4077			AD164	06
AD166	G	P	S	AD149	(AUY21IV)					06
AD167	G	P	S	AD149	(AUY22IV)					06
AD169	G	P	TF	AD152	AD162			2SB368		06
AD169				(AD162V)						06
AD262	G	P	AT	AD148V	AD162	2N2835				06
AD262				ASZ17						06
AD263	G	P	AT	(AD148V)	AD162	2N2835				06
AD263				ASZ17						06
ADY22	G	P	IN, IT, ST	AD138	ADY29	2N1536				06
ADY22				ASZ16	AUY21IV					06
ADY22				AUY29						06
ADY23	G	P	IN, IT, ST	AD138	AD138/50	2N1533				06
ADY23				ADZ12	ASZ15					06
ADY23				AUY22	AUY22IV					06
ADY23				AUY32						06
ADY24	G	P	IN, IT, ST	AD138/50	ADZ12	2N1533				06
ADY24				ASZ15	AUY22					06
ADY24				AUY22IV	AUY32					06
ADY25	G	P	IN, IT, ST	ADZ12	ASZ15	2N1533				06
ADY25				AUY22	AUY28					06
ADY25				(AUY22IV)						06
ADY28	G	P	PH, MU, V	ADZ12		2N1100				06
ADY27	G	P	S	AD149	ASZ16	2N1536				06
ADY27IV	G	P	S	ASZ16		2N1536				06
ADY27V	G	P	S	ASZ16		2N1536				06
ADY28	G	P	SE	ASZ15	AUY22					06
ADY28				AUY22III						06

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
ADY30	G	P	6	AD212		2N1100		06
ADY31	G	P		AD212		2N1100		06
ADY32	G	P		AD212		2N1100		06
ADZ11	G	P	PH, MU, V	AD103	AD138			06
ADZ11				ADZ12	AUY21	2N1146		06
ADZ12	G	P	PH, MU, V	AD104	AD105			06
ADZ12				AUY22		2N1146A		06
AF101	G	P	TF	AF127	AF131			02
AF101				AF106	AF185	2S36		02
AF101				AF188	AFY15			02
AF102	G	P	V	AF106	AF122	2N2494		02
AF102				AF178	AF190	2N2495		02
AF105	G	P	TF	AF126	AF137			02
AF105				AF197	AF185	2N344	2SA155	02
AF105				AF190				02
AF105A	G	P	TF	AF126	AF137			02
AF105A				AF138	AF190			02
AF105A				AF197				02
AF106	G	P	S, V, TF	AF186	AF178			02
AF106				AF190	AM13	2SA230		02
AF106A	G	P	AT	AF106				02, 18
AF107	G	P	S	AF109R	AF190			02
AF107				AFY10	AFY11			02
AF107				AFY19				02
AF108	G	P	S	AF109R	AF190			02
AF108				AFY10	AFY11			02
AF108				AFY19				02
AF109	G	P	V, S, TF	AF109R	AF180		2SA432	02
AF109				AF190				02
AF109R	G	P	AT, S, TF, V	AF180	AF190			02
AF110	G	P		AF181	AF190			02
AF111	G	P	IN	AF127	AF137	2N641	2N4034	2SA155
AF111				AF185				02
AF112	G	P	IN	AF125	AF126	2N1110	2N4034	2SA156
AF112				AF136				02
AF113	G	P	IN	AF125	AF135	2N346	2N2495	2SA116
AF113				AF178				02
AF114	G	P	MU, PH, V, S	AF124	AF130	2N346	2N990	2SA116
AF114				AF134	AF135	2N2495		02
AF114				AF194				02
AF114N	G	P	MN	AF124				02
AF115	G	P	MU, PH, V, S	AF124	AF125	2N990	2N1110	2SA156
AF115				AF135	AF136			02
AF115				AF185				02
AF115N	G	P	MN	AF125				02
AF116	G	P	MU, PH, V, S	AF124	AF126	2N641	2N990	2SA155
AF116				AF132	AF136			02
AF116				AF137	AF185			02
AF116N	G	P	MN	AF126				02
AF117	G	P	MU, PH, V, S	AF124	AF127	2N642	2N990	2SA155
AF117				AF133	AF137			02
AF117				AF136	SFT354			02
AF117N	G	P	MN	AF127				02
AF118	G	P	MU, PH, V, S			2N2207		2SA76
AF119	G	P		AF127	AF185			02
AF119				OC45				02
AF120	G	P		AF126	AF185			02
AF120				OC44				02
AF121	G	P	MU, PH, V, AM, PE	AF102	AF106	2N2495	2N3588	02
AF121				AF201	AF178			02
AF121				AF200U				02
AF121	G	P	TF	AF102	AF108	2N2495	2N3588	02
AF121				AF178	AF201			02
AF121S	G	P	V	AF200U				02
AF121S				(AF200U)	AF202S			02
AF122	G	P	TF	AF102	AF106	2N2495		02
AF122				AF178				02
AF124	G	P	MU, PH, V, S	AF134	AF135	2N346	2N990	2SA235
AF124				AF178	AF194	2N2495	2N4035	2SA433
AF126	G	P	MU, PH, V, S	AF135	AF136	2N990	2N991	2SA156
AF126				AF124	AF185	2N1110		2SA433
AF128	G	P	MU, PH, V, S	AF124	AF132	2N641	2N990	2SA240
AF128				AF136	AF137			2SA433
AF128				SFT316				02
AF127	G	P	MU, PH, V, S	AF124	AF133	2N642	2N990	2SA240

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE	
AF127				AF137	AF185	2N993	2N4034	2SA433	02
AF128	G	P	TF	ASY27					02
AF129	G	P	IN	AF121	AF124				02
AF129				AF134					02
AF130	G	P	IN	AF124	AF134	2N346	2N2495	2SA116	02
AF130				AF178		2N4035			02
AF131	G	P	IN	AF125	AF134	2N1110		2SA156	02
AF131				AF135	AF136				02
AF131				AF185					02
AF132	G	P	IN	AF126	AF136	2N641		2SA155	02
AF132				AF138					02
AF133	G	P	IN	AF117	AF127	2N641	2N4034	2SA155	02
AF133				AF137					02
AF134	G	P	TF	AF124	AF129	2N346	2N2495	2SA76	02
AF134				AF130	AF136	2N4035		2SA116	02
AF136	G	P	TF	AF125	AF131	2N1110		2SA76	02
AF135				AF136				2SA156	02
AF136	G	P	TF	AF125	AF126	2N1110	2N4034	2SA76	02
AF136				AF131				2SA156	02
AF137	G	P	TF	AF126	AF127	2N642		2SA155	02
AF137				AF133	SFT316			2SA433	02
AF138	G	P	TF	AF127	AF132	2N641	2N4034	2SA155	02
AF138				AF179					02
AF139	G	P	PH, S, TF, V	AF186	AF239	M9031	MM139		02
AF139				AM18		2N2244			02
AF142	G	P	AT	AF112	AF124	2N4035			02
AF142				AF134	AF194				02
AF143	G	P	AT	AF124	AF125				02
AF143				AF135					02
AF144	G	P	AT	AF124	AF126				02
AF144				AF132	AF136				02
AF144				AF137					02
AF146	G	P	AT	AF125	AF127				02
AF146				AF135					02
AF147	G	P	AT	AF126	AF136				02
AF147				AF133					02
AF148	G	P	AT	AF126	AF127	2N4034			02
AF148				AF136	AF137				02
AF149	G	P	AT	AF126	AF137				02
AF149				AF131	AF136				02
AF150	G	P	AT	AF126	AF127	2N4034			02
AF150				AF137					02
AF156	G	P		AF127					02
AF164	G	P	AT	AF114	AF124	2N1177	2N4035		02
AF164				AF132	AF134				02
AF164				AF194					02
AF165	G	P	AT	AF124	AF125	2N1178	2N1179		02
AF166				AF134	AF135				02
AF166	G	P	AT	AF136	AM11	2N1180	2N4034		02
AF166				SFT316	AF116				02
AF166				AF126					02
AF168	G	P	AT	AF125	AF126	2N1183	2N2083		02
AF168				AF127	AF135				02
AF168				AF136					02
AF169	G	P	AT	AF126	AF127	2N1631	2N1632		02
AF169				AF129	AF136	2N4034			02
AF169				AF137					02
AF170	G	P	AT	AF127	AF136	2N1426	2N1635		02
AF170				AF137	AM14	2N1639	2N4034		02
AF171	G	P	AT	AF126	AF133	2N1426	2N4035		02
AF171				AF136					02
AF172	G	P	AT	AF117	AF127	2N1833	2N1638	2SA432	02
AF172				AF137	AM12	2N4034			02
AF178	G	P	MU, PH, TF, V	AF108		2N2495		2SA432	02
AF179	G	P	MU, PH, PE	(AF108)	AF180	2N2654			02
AF180	G	P	MU, PH, PE, V	AF109	(AF109R)	2N3074			02
AF180				AF133					02
AF181	G	P	MU, PH, TF, PE, V	AF110	AF121	2N3075			02
AF181				AF200	(AF200U)				02
AF182	G	P	SE	AF121	AF178				02
AF182				(AF201U)					02
AF185	G	P	V, PH	AF106	AF121				02
AF186	G	P	PH, V	AF139	AF239	2N2244	2N5043		02
AF186G	G	P	PH, PE	(AF139)					02
AF186W	G	P	PH, PE	(AF139)					02

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
AF187	G	P	SE, Ss, ML	AF121	AF133	2N2244	2N5044			02
AF187				AF201	AFY15					02
AF187				ASY70IV						02
AF188	G	P	SE, Ss, ML	AF121	AF133	2N5044				02
AF188				AFY15	ASY70VI					02
AF189	G	P	SE	AF133	AF139					02
AF189				AFY15	ASY70VI					02
AF190	G	P	SE	AF124	AF133					02
AF190				AF188	AFY15					02
AF190				ASY70VI						02
AF191	G	P		SFT308						02
AF192	G	N		AC130						02
AF193	G	P	SE	AF121	(AF126)	2N3323	2N4034			02
AF193				AF127	AF132					02
AF193				AF136	AF137					02
AF194	G	P	SE	AF124	AF125	2N3323	2N4035			02
AF194				AF134	AF135					02
AF194				(AF200U)						02
AF195	G	P	SE	AF125	AF133	2N3323				02
AF195				AF135						02
AF196	G	P	SE	AF125	AF126	2N3323	2N4034			02
AF196				AF136						02
AF197	G	P	SE	AF127	AF133	2N3323	2N3325			02
AF197				AF137		2N4034				02
AF198	G	P	SE	AF127	AF133	2N3325				02
AF198				AF138						02
AF200	G	P	AT, S	AF121	AF181			2SA239		02
AF200				AF200U				2SA240		02
AF201	G	P	AT, S	AF121				2SA239		02
AF201								2SA240		02
AF202	G	P	AT, S	AF121	AF121S			2SA239		02
AF202				(AF200U)	AF202S			2SA240		02
AF202L	G	P	AT	(AF200U)						02
AF202S	G	P	S	AF121S	(AF200U)			2SA240		02
AF239	G	P	S, TF, V	AF254						02
AF239S	G	P	AT, S, TF, V	AF139						02
AF240	G	P	AT, PH, V, S	AF139	AF239S					02
AF240				AF267	AF280					02
AF250	G	P		AF239S	AF267					02
AF250				AF280						02
AF251	G	P	TF	AF239	AF239S					02
AF252	G	P	TF	AF239	(AF239S)					02
AF252				AF240						02
AF253	G	P	TF	AF109R	AF139					02
AF253				(AF240)						02
AF254	G	P		AF202						02
AF256	G	P	TF	AF108						02
AF267	G	P	PH, V, PE	AF239S	AF279					02
AF269	G	P	PH, V	AF239S	AF240					02
AF269				AF280						02
AF279	G	P	PH, TF, S, V	AF239S	AF279S					02
AF280	G	P	PH, V, S, TF	AF257	AF239S					02
AF367	G	P	PH, V	AF279S						02
AF369	G	P	PH, V	AF280						02
AFY10	G	P	S	AFY11	(AFY18)					02
AFY10				AFY19						02
AFY11	G	P	S	AF108	(AFY18)			2SA431		02
AFY11				AF121	AFY19					02
AFY12	G	P	AT, S, TF	AF108				2SA431		02
AFY12				AF212						02
AFY13	G	P	TF	AF124	AF134					02
AFY13				(AFY12)						02
AFY14	G	P	TF	AF124	ASY27	2N990		2SA72		02
AFY14				SFT316K						02
AFY15	G	P	TF	AF126	AF136			2SA52		02
AFY15				AF133	(ASY27)					02
AFY15				SFT317						02
AFY15e	G	P	TF	(ASY26)						02
AFY15ve	G	P	TF	(ASY26)						02
AFY15V	G	P	TF	(ASY27)						02
AFY16	G	P	AT, S, TF, V			M9031				02
AFY18	G	P	S	AF139	AF240					02
AFY18				AFY10	AFY11					02
AFY19	G	P	MU, PH, V	AFY18						02
AFY25	G	P	TF	AF126	AFY34					02

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
AFY25				(AFY42)				02
AFY26	G	P	TF	AFY34	(AFY42)			02
AFY29	G	P	TF	AF126	AF133			02
AFY29	G	P	TF	(AF200U)	SFT317			02
AFY34	G	P	S	(AFY42)				02
AFY37	G	P	S	AFY40	(AFY42)			02
AFY39	G	P	S	AFY40	(AFY42)			02
AFY40	G	P	V, PE, PH	(AFY42)	AF239S			02
AFY40R	G	P	V	AF239S	(AFY42)			02
AFY41	G	P	V	(AFY42)				02
AFY42	G	P	S	AF239S	AFY40			02
AFZ10	G	P	TF	AFY14K	AFY19			02
AFZ11	G	P	PH, MU	AFZ12				02
AFZ12	G	P	PH, MU	AF102	AF106			02
AFZ12	G	P		AFY12				02
AL100	G	P	AT	AU101	AL103	2N1906	2N2147	
AL101	G	P	AT	AU102	AL103	2N1905	2N2147	
AL102	G	P	AT	AD167	AM114	2N2147	2N5326	
AL102	G	P		AU106				
AL103	G	P	AT	AD166	AM111	2N2147	2N2148	
AL112	G	P	AT	AL103		2N2147		
AL113	G	P	AT	AL103		2N2147		
ALZ10	G	P	TF	AUY10				
AM11	G	P		AF116	AF126	2N1180		03
AM11	G	P		SFT316				
AM12	G	P		AF117	AF127	2N1524	2N1638	
AM12	G	P		AF172				
AM13	G	P		AF106	AF114	2N1177		
AM13	G	P		AF124				
AM14	G	P		AF117	AF127	2N1526	2N1639	
AM14	G	P		AF170				
AM15	G	P		AF115	AF125	2N1178	2N1179	
AM16	G	P		AF165				
AM16	G	P		AF115	AF125	2N2083		
AM16	G	P		AF168				
AM18	G	P		AF139		MM139		
AM51	G	P		AC126	AC137	2N2613		
AM51	G	P		AC191				
AM62	G	P		AC134	OC71	2N406	2N215	
AM63	G	P		AC126	AC161	2N217	2N2614	
AM53	G	P		AC192				
AM54	G	P		AC138	AC151	TA2063		
AM54	G	P		OC75				
AM71	G	P		AC128	AC139	40253		
AM72	G	N		AC127	AC141	2N647		
AM72	G	P		SFT377				
AM73	G	P		AC125	AC132	2N109	2N591	
AM73	G	P		AC136				
AM74	G	P		AC128	AC142	2N217		
AM74	G	P		AC153				
AM91	G	P		AD143	AD150	2N301	2N2869	
AM91	G	P		OC26				
AM92	G	P		AD142	AD149	2N301A	2N2870	
AM92	G	P		SFT239				
AM94	G	P		AD145	OC16	40254		
AM111	G	P		AD166	AL103	2N2148		
AM114	G	P		AD167	AL102	2N2147		
AM251	S	N		BC107	BC147			
AM251	S	N		BC167	8CY56			
AM252	S	N		BC108	BC148			
AM252	S	N		BC168	8CY57			
AM253	S	N		BC109	BC149			
AM253	S	N		BC169	8CY57			
AM254	S	N		BC267				
AM255	S	N		BC268				
AM256	S	N		BC269				
AM257	S	N		8C270				
AM258	S	N		8C271				
AM259	S	N		8C272				
AM260	S	P		8C297				
AM261	S	N		8CY58	BFY44			
AM262	S	N		8CY69				
AM263	S	N		8C300				
AM264	S	N		BC301				
AM276	S	N		BC303				

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
AM291	S	N		BDX10	2N3055			
AM293	S	N		BD141				
AM294	S	N		BD142				
ASY12	G	P	IN	AC124K	AC128	2N59	2N1924	25B222
ASY12				AC152	AC153			17
								17
ASY12				ASY23				17
ASY12-1	G	P	IN	(AC162IV)				17, 10
ASY12-2	G	P	IN	(AC162IV)				17, 10
ASY13	G	P	IN	ASY23	ASY24	2N284	2N1926	25B89
ASY13				(ASY48)	ASY48V			17, 10
ASY13				ASY77				17, 10
ASY13-1	G	P	IN	(ASY48IV)				17, 10
ASY13-2	G	P	IN	(ASY48IV)				17, 10
ASY14	G	P	IN	ASY23	(ASY48)	2N284		25B89
ASY14				ASY48IV				17, 10
ASY14				ASY77				17, 10
ASY14-1	G	P	IN	(ASY48IV)				17, 10
ASY14-2	G	P	IN	(ASY48IV)				17, 10
ASY14-3	G	P	IN	(ASY48V)				17, 10
ASY23	G	P	V	ASY13	ASY14	2N272		25B33
								17, 10
ASY23				ASY48	(ASY48V)			17, 10
ASY24	G	P	TF	ASY27	(ASY48V)			17, 10
ASY24				ASY56	ASY80			17, 10
ASY24				AS223				17, 10
ASY24B	G	P	TF	(ASY70V)	ASY76			17, 10
ASY26	G	P	S, TF, V, PH	ASY24	ASY48	2N799		25A155
ASY26				ASY56				ASY28
ASY27	G	P	S, TF, V, PH	ASY30	ASY48	2N36	2N1305	25B101
ASY27				ASY58				ASY29
ASY28	G	N	V, MU, PE, PH, RA	AC127)	ASY73	2N1304		ASY26
				(AC127)	ASY73	2N1304		ASY26
ASY28	G	N	TX	(AC127)	ASY74	2N211	2N1304	25B255
ASY29	G	N	V, MU, PE, PH, RA	(AC127)	ASY74	2N211	2N1304	25B255
ASY29	G	N	TX	(AC127)	ASY74	2N211	2N1304	25B255
ASY30	G	P	TF	AF124	ASY27	2N36	2N990	25B101
ASY30				ASY32	(ASY48V)			17, 10
ASY30				ASY61	ASY80			17, 10
ASY31	G	P	TF, V, PH	AC163	ACY15	2N506		25B219
ASY31				AF125	ASY26			17
ASY31				ASY48	ASY56			17
ASY32	G	P	TF, V, PH	AC122	AFY15	2N506		25B219
								17
ASY32				AFY32	ASY27			17
ASY32				ASY48	ASY56			17
ASY48	G	P	S	AC128	ACY24	2N241	2N2706	25B89
ASY48				ASY23	ASY61	2N2906	2N2906A	17
ASY48				ASY77				17
ASY50	G	P	IN	AC122	AC126	2N406	2N526	ASY53
ASY50				AC131/30	ASY48			17, 01
ASY50				ASY70IV	ASY70V			17, 01
ASY52	G	P	IN	ASY48V		2N1926		ASY50
ASY53	G	N	IN	(AC127)				17, 01
ASY54	G	P	IN	(AC151V)	ASY26	2N1303		ASY61
ASY54				ASY27	ASY48			17, 10
ASY54N	G	P	NT	OC44N		2N2614		17
ASY55	G	P	IN	(AC151-VI)	ASY27	2N1303		17, 10
ASY55				TF49				17, 10
ASY55N	G	P	NT	OC44N		2N2614		17
ASY56	G	P	IN	ASY27	ASY26	2N1303		17, 10
ASY56				TF49				17, 10
ASY56N	G	P	NT	OC44N		2N2614		17
ASY57	G	P	IN	ASY26	ASY27	2N1303	2N1305	17
ASY57				TF49				17
ASY57N	G	P	NT	OC44N		2N2614		17
ASY58	G	P	IN	ASY27	TF49	2N1303	2N1305	17
ASY58N	G	P	NT	OC44N		2N2614		17
ASY59	G	P	IN	ASY27		2N1307		17
ASY59				TF49				17
ASY59N	G	P	NT	OC44N		2N2614		17
ASY60	G	P	IN	(ASY27)				17, 02
ASY61	G	N	IN	AC127	ASY28	2N1302		10, 17
ASY62	G	N	IN	AC127	ASY29			17, 10
ASY63	G	P	IN	AC161IV	ASY70	2N2614		17
ASY63				OC44N				17
ASY64	G	P	IN	(ASY26)				17, 10
ASY66	G	P	IN	(ASY27)				17, 10
ASY70	G	P	S	AC119	AC124K	2N404	2N467	25B222

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
ASY70				OC74	ASY80			17
ASY72	G	N	IN	(AC127)				17
ASY73	G	N	PH, V, PE, RA, AM	(AC127)	ASY29	2N1304		17, 20
ASY73				ASY74				17, 20
ASY74	G	N	PH, V, PE, RA, AM	(AC127)	ASY29	2N1304		17, 20
ASY74				ASY75				17, 20
ASY75	G	N	PH, V, PE, RA, AM	(AC127)	ASY29	2N1304	25C91	17, 10
ASY76	G	P	PH, V, PE, RA, AM	ACY17	2N526	2N1188		17, 10
ASY76				ASY48	(ASY48V1)			17, 10
ASY77	G	P	PH, V, PE, RA, AM	ACY24K	ASY48	2N526	2N1188	17, 10
ASY77				(ASY48V1)	ASY81			17, 10
ASY80	G	P	PH, V, AM	ACY17	ACY24K	2N527	2N1188	17
ASY80				ASY48				17
ASY81	G	P	PH, V, Ss, ML, SE	ACY17	ACY24K	2N11768		17, 10
ASY81				(ASY48V)	ASY77			17, 10
ASY82	G	P	TH, AE	AC152V1				17, 01
ASY83	G	P	TH, AE	AC152V1				17, 01
ASY84	G	P	TH, AE	AC152V1				17, 01
ASY85	G	P	TH, AE	AC152V1				17, 01
ASY86	G	N	TH, AE	AC127				17, 10
ASY87	G	N	TH, AE	AC127				17, 10
ASY88	G	N	TH, AE	AC127				17, 10
ASY89	G	N	TH, AE	AC127				17, 10
ASY90	G	P	AT	ASY48				17, 10
ASY90-1	G	P	AT	ASY48V				17, 10
ASY90-2	G	P	AT	ASY48V1				17, 10
ASY91	G	P	AT	ASY70				17
ASY91-1	G	P	AT	ASY70V				17, 01
ASY91-2	G	P	AT	ASY70V1				17, 01
ASZ10	G	P	PH, TF	AFY19	ASY30K			17, 10
ASZ10				(ASY48V)				17, 10
ASZ11	G	P	PH, V	(AC151V)	ASY31			17, 10
ASZ12	G	P	PH, V	(AC151V)	ASY32			17, 10
ASZ15	G	P	SE, PH, V	AD132	AUY28	2N1533	25B341 25B424	
ASZ15				AUY22111				
ASZ16	G	P	SE, V, PH	AD138/50	AD150	2N1536	25B339	17
ASZ16				AUY211V	AUZ11		25B425	17
ASZ17	G	P	SE, V, PH	AD138/50	AD150	2N1536	25B339	17
ASZ17				ASZ16	AUY21111		25B425	17
ASZ17				AUZ11				17
ASZ18	G	P	RA, PH, PE, MN, V	ASZ16	AUY2111	2N1536	25B340	17, 01
ASZ18				AUY22	(AUY221V)		25B424	17, 01
ASZ18				AUY28	OC36			17, 01
ASZ18	G	P	SE	ASZ16	AUY2111	2N1536	25B340	17, 01
ASZ18				AUY22	AUY28		25B424	17, 01
ASZ18				(AUY221V)	OC36			17, 01
ASZ20	G	P	PH	AF124	ASY80	2N990		17
ASZ21	G	P	V, MU, PE, PH	(AFY111)	ASY80			17, 01
ASZ21	G	P	V, MU, PE, PH	ASZ20				17, 01
ASZ23	G	P	PH	ACY24	ASY24			17
ASZ30	G	P	TF	ASY24	ASY26	2N1925		17, 10
ASZ30				(ASY48V)				17, 10
AU101	G	P	PH	AU103	AU106	2N5325		16
AU101	G	P	PH	AUY22				16
AU102	G	P	PH, V	AC128	AL103	2N2147		16
AU102				AUY21111	AUY22111			16
AU103	G	P	PH	AU105	AU106	2N5325	25B468	16
AU104	G	P	PH	AU108		2N5325		16
AU105	G	P	S	AU103	(AUY221V)			16, 18
AU105				ASZ15				16, 18
AU106	G	P	AT	AU112		2N5325		16
AU107	G	P	AT	AU108		2N5325		16
AU108	G	P	AT	AL103	ASZ16	2N2147		16
AU108F	G	P	AT	AL103		2N2142		16
AU110	G	P	AT	AU108	AUY38	2N5325		16
AU111	G	P	AT	AU106		2N5325		16
AU112	G	P	AT	AU106		2N5325		16
AU113	G	P	AT	AU106		2N5325		16
AUY10	G	P	PH, V	(AD1321V)	AL103	2N2147	2N4023	16, 10
AUY18	G	P	S	AD148	ASZ15	2N1633		16
AUY181V	G	P	S	ASZ16		2N1636		16
AUY18V	G	P	S	ASZ16		2N1636		16
AUY19	G	P	S	AD138/50	ASZ15	2N167A	25B250	16
AUY19				ASZ16	AUY33	2N1636	25B338	16
AUY19				OC28				16

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE	
AUY19III	G	P	S	ASZ18	2N1536			16	
AUY19IV	G	P	S	ASZ16	2N1536			16	
AUY19V	G	P	S	ASZ16	2N1536			16	
AUY20	G	P	S	AD132	2N157A	2N1533	2S887	16	
AUY20				ASZ18	AUY32		2S8341	16	
AUY20				OC36				16	
AUY20III	G	P	S	ASZ15	2N1533			16	
AUY20IV	G	P	S	ASZ15	2N1533			16	
AUY20V	G	P	S	ASZ15	2N1533			16	
AUY21	G	P	S	ASZ15	ASZ16	2N1536	2S886	16	
AUY21				ASZ18	AUY19IV		2S8339	16	
AUY21				AUY28				16	
AUY21II	G	P	S	ASZ16		2N1536		16	
AUY21III	G	P	S	ASZ16		2N1536		16	
AUY21III	G	P	S	ASZ16		2N1536		16	
AUY21IV	G	P	S	ASZ16		2N1536		16	
AUY21A	G	P	AT	ASZ15	ASZ16	2N1536		16	
AUY21A				AUY21				16	
AUY21A-2	G	P	AT	AUY21II				16	
AUY21A-3	G	P	AT	AUY21III				16	
AUY21A-4	G	P	AT	AUY21III				16	
AUY21A-4	G	P	AT	AUY21IV				16	
AUY22	G	P	S	ASZ15	ASZ16	2N174	2N561	2S887	16
AUY22				AUY20IV	OC36	2N1533	2S8341	2S8341	16
AUY22II	G	P	S	ASZ16		2N1533		16	
AUY22III	G	P	S	ASZ15		2N1533		16	
AUY22IV	G	P	S	ASZ15		2N1533		16	
AUY22A	G	P	AT	ASZ15	AUY22	2N1533		16	
AUY22A-2	G	P	AT	AUY22II				16	
AUY22A-3	G	P	AT	AUY22III				16	
AUY22A-4	G	P	AT	AUY22IV				16	
AUY28	G	P	TF	ASZ15	AUY22III	2N1533	2S8340	16	
AUY28				AUY22IV	AUY30			16	
AUY29	G	P	S	ADZ11	ASZ16	2N1167		16	
AUY29				AUY29IV	AUY29V			16	
AUY29III	G	P	S	AUY29V		2N1167		16	
AUY29IV	G	P	S	AUY29V		2N1167		16	
AUY29V	G	P	S			2N1167		16	
AUY30	G	P	SE	ASZ15	ASZ16			16, 06	
AUY30				AUY22II	AUY22III			16, 06	
AUY30				AUY28				16, 06	
AUY31	G	P	SE	ASZ16	ASZ18			16	
AUY31				AUY21III	AUY28			16	
AUY32	G	P	SE	ASZ15	ASZ18			16, 06	
AUY32				AUY20	AUY20IV			16, 06	
AUY32				AUY28				16, 06	
AUY33	G	P	SE	AD149	ASZ16			16, 06	
AUY33				AUY19III	AUY19IV			16, 06	
AUY33				AUY28				16, 06	
AUY34	G	P	S	ASZ16	ASZ18	2N1533		16	
AUY34II	G	P	S	ASZ16		2N1533		16	
AUY34III	G	P	S	ASZ16		2N1533		16	
AUY34IV	G	P	S	ASZ15		2N1533		16	
AUY36	G	P	AT	AL103	ASZ16	2N2147		16, 06	
AUY36				(AUY18)	AUY30			16, 06	
AUY36-4	G	P	AT	(AUY18IV)				16, 06	
AUY36-6	G	P	AT	(AUY18V)				16, 06	
AUY36-8	G	P	AT	(AUY18V)				16, 06	
AUY36	G	P	AT	AL103	(AUY18)	2N2147		16	
AUY36				AUY36	AUY38			16	
AUY37	G	P	AT	ASZ15	(AUY22)	2N1533		16, 06	
AUY37				AUY30	AUY34II			16, 06	
AUY37-4	G	P	AT	(AUY22IV)				16, 06	
AUY37-5	G	P	AT	(AUY22IV)				16, 06	
AUY38	G	P	AT	ASZ15	AU106	2N5326		16	
AUZ11	G	P	TF	AD150	ASZ16			16	
AUZ11				ASZ17				16	
8133000	S	N		8D221					
8133001	S	N		8D221					
8133002	S	N		8D221					
8133003	S	N			2N6122				
8133004	S	N			2N6122				
8133006	S	N			2N6122				
8133006	S	N			2N6123				
8133007	S	N			2N6123				
8133008	S	N			2N6123				
8133008	S	N			2N6123				
8170000	S	N	SD		2N6569			06	

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
B170001	S	N	SD		2N6569			06
B170002	S	N	SD		2N6569			06
B170003	S	N	SD		2N5882			06
B170004	S	N	SD		2N5882			06
B170005	S	N	SD		2N5882			06
B170006	S	N	SD		2N5629			06
B170007	S	N	SD		2N5629			06
B170008	S	N	SD		2N5629			06
B170009	S	N	SD		2N6569			06
B170010	S	N	SD		2N6569			06
B170011	S	N	SD		2N6569			06
B170012	S	N	SD		2N5882			06
B170013	S	N	SD		2N5882			06
B170014	S	N	SD		2N5882			06
B170015	S	N	SD		2N5629			06
B170016	S	N	SD		2N5629			06
B170017	S	N	SD		2N5629			06
B170018	S	N	SD		2N6569			06
B170019	S	N	SD		2N6569			06
B170020	S	N	SD		2N6569			06
B170021	S	N	SD		2N5882			06
B170022	S	N	SD		2N5882			06
B170023	S	N	SD		2N5882			06
B170024	S	N	SD		2N5629			06
B170025	S	N	SD		2N5629			06
B170026	S	N	SD		2N5629			06
B176000	S	N	SD		FT410			
B176001	S	N	SD		FT410			
B176002	S	N	SD		FT410			
B176003	S	N	SD		FT410			
B176004	S	N	SD		FT413			
B176005	S	N	SD		FT413			
B176006	S	N	SD		FT423			
B176007	S	N	SD		FT423			
B176024	S	N	SD		FT423			
B176025	S	N	SD		FT423			
BC100	S	N	TF	BCY49A	BD115			01
BC100	S	N	TF	(8F459)				01
BC107	S	N	IN, S, TF, V, PH	AM251	BC147	MPS6566	2N929	01
BC107	S	N	IN, S, TF, V, PH	BC167	BC182			01
BC107	S	N	IN, S, TF, V, PH	BC207	BC317			01
BC107	S	N	IN, S, TF, V, PH	BC407	BC547			01
BC107A	S	N	IN, S, TF, V, PH	BC107	BC147A	2N929	2N2921	01
BC107A	S	N	IN, S, TF, V, PH	BC182A	BC407A	2N3568		01
BC107A	S	N	IN, S, TF, V, PH	BC547A				01
BC107B	S	N	IN, S, TF, V, PH	BC107	BC147B	2N929		01
BC107B	S	N	IN, S, TF, V, PH	BC407B	BC547B			01
BC108	S	N	IN, S, TF, V, PH	AM252	BC107	MPS6520	2N929	01
BC108	S	N	IN, S, TF, V, PH	BC148	BC168			01
BC108	S	N	IN, S, TF, V, PH	BC183	BC208			01
BC108	S	N	IN, S, TF, V, PH	BC318	BC408			01
BC108	S	N	IN, S, TF, V, PH	BC548				01
BC108A	S	N	IN, S, TF, V, PH	BC107	BC148A	2N929	2N3391	01
BC108A	S	N	IN, S, TF, V, PH	BC183A	BC408A			01
BC108A	S	N	IN, S, TF, V, PH	BC548A	BSY76			01
BC108B	S	N	IN, S, TF, V, PH	BC107	BC148B	2N929		01
BC108B	S	N	IN, S, TF, V, PH	BC183B	BC408B			01
BC108B	S	N	IN, S, TF, V, PH	BC548B	BSY80			01
BC108C	S	N	IN, S, TF, V, PH	BC107	BC148C	2N929		01
BC108C	S	N	IN, S, TF, V, PH	BC408C	BC548C			01
BC109	S	N	IN, S, TF, V, PH	AM263	BC149	MPS6521	2N930	01
BC109	S	N	IN, S, TF, V, PH	BC169	BC184			01
BC109	S	N	IN, S, TF, V, PH	BC209	BC319			01
BC109	S	N	IN, S, TF, V, PH	BC409	BC549			01
BC109B	S	N	IN, S, TF, V, PH	BC109	BC149B	MPS6521	2N930	01
BC109B	S	N	IN, S, TF, V, PH	BC184B	BC409B			01
BC109B	S	N	IN, S, TF, V, PH	BC549B				01
BC109C	S	N	IN, S, TF, V, PH	BC109	BC149C	2N930		01
BC109C	S	N	IN, S, TF, V, PH	BC184C	BC409C			01
BC109C	S	N	IN, S, TF, V, PH	BC549C				01
BC110	S	N	S, TF	BC107	BC174	A157	2N3701	01
BC110	S	N	S, TF	BF177	BSW32			01
BC111	S	N	RA	BC182	BC146			01
BC112	S	N	V	BC122	BC146			01
BC112	S	N	V	BC246	BCW83			01

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
BC112gn	S	N	V	IBC122bl				01
BC112f	S	N	V	IBC122ye				01
BC112ye	S	N	V	IBC122gn				01
BC113	S	N	SG, ME, NS, AT, F	BC172B BC209	BC183 BC237B	MPS6520 2N4967	2N3568	2SC458
BC113				BC238				01
BC113A	S	N	SG, AT	BC237B				01
BC114	S	N	SG, ME, NS, AT, F	BC173 BC184 BC209	BC183 BC184B BC238B	MPS6521 2N4967	2N3568	01 01 01
BC114				BC239	BC239B			01
BC114				BC413C				01
BC114A	S	N	SG, AT	BC414B				01
BC115	S	N	SG, F	BC107 BC183	BC182 BC237	MPS6566 2N5825	2N3568	2SC984
BC115				BC237A				01
BC116	S	P	SG, NS, ME, AT	BC177 BC212 BC307	BC261 BC307VI	MPS6534 2N5041	2N2904 2N6015	2SA565
BC116				BC307				01
BC116A	S	P	SG, ME, AT	BC177	BC212	2N2904	2N4036	01
BC116A				BC261	8FR23	2N5041		01
BC117	S	N	SG, ME, AT	BC141	BC145	2N1990	2N5831	01
BC117				BF178	(BF457)			01
BC118	S	N	SG	BC129	BC171	2N3568	2N4401	01
BC118				BC182	BC237	2N5825		01
BC118				BC237A				01
BC119	S	N	SG, TX, AT, F	BC140	BC140-6	SX3704(SF) 2N2218	2N697 2N2297	BC139
BC119				BFY51				01
BC120	S	N	SG, TX, AT	BC108	BC140	SX3704(SF) 2N2218	2N697 2N3036	01
BC120				BC140-6	BC286			01
BC120				BFY51		2N3665		01
BC121	S	N	S	BC146	BC183			01
BC121bl	S	N	S	BC146bl	BC146G			01
BC121gn	S	N	S	BC146C	BC146ye			01
BC121w	S	N	S	BC146	BC146r		2SC458	01
BC121ye	S	N	S	BC107A	BC146ye			01
BC122	S	N	S	BC146	BC183			01
BC122bl	S	N	S	BC146G				01
BC122gn	S	N	S	BC146G				01
BC122ye	S	N	S	BC107A	BC146ye			01
BC123	S	N	S	BC146	BC183			01
BC123w	S	N	S				2SC458	01
BC123ye	S	N	S	BC107A				01
BC125	S	N	SG, ME, AT, F	BC107 BC140-6	BC107A BC182	MPS6566	2N2297	BC126
BC125				BC337	BFY50			01, 10
BC125A	S	N	SG, NS	BC140-6				01, 10
BC125B	S	N	SG, NS, AT	BC140-6	BFY50	2N2297		01, 10
BC126	S	P	SG, ME, NS, AT, F	BC160-6 BC307	BC261	2N3638A 2N5041	2N4402	BC125
BC126				BC160-10				01
BC127	S	N	AT	BC146r	BC146			01
BC127				BC184				01
BC128	S	N	AT	BC146				01
BC129	S	N	TF	BC107	BC182	A157	MPS6566	01, 02
BC129				BC207	BC237			01, 02
BC129				BC317				01, 02
BC129A	S	N	TF	BC107A	BC182A	MPS6566	2N3568	2SC281
BC129A				BC237A				01, 02
BC129B	S	N	TF	BC107B	BC182B	MPS6566		01, 02
BC129B				BC237B				01, 02
BC130	S	N	TF	BC108	BC183	A157	MPS6520	01, 02
BC130				BC238	BC107			01, 02
BC130				BC208	BC318			01, 02
BC130A	S	N	TF	BC108A	BC183A			2SC281
BC130A				BC238B				01, 02
BC130B	S	N	TF	BC108B	BC183B			01
BC130B				BC238				01
BC130C	S	N	TF	BC238C				01, 02
BC131	S	N	TF	BC108B	BC109	MPS6521	SX3710	01, 02
BC131				BC184	BC209	2N930		01, 02
BC131				BC239	BC319			01, 02
BC131B	S	N	TF	BC109B	BC184B			01, 02
BC131B				BC239B				01, 02
BC131C	S	N	TF	BC109C	BC184C			01, 02

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
BC131C				BC239C				01, 02
BC132	S	N	SG, NS, ME, AT	BC108B	BC183B	2N966	2N3565	01
BC132				BC238A	BC237A			01
BC132				BC207				01
BC132A	S	N	SG, AT	BC237B				01
BC134	S	N	SG, AT	BC107B	BC207	2N4966		01
BC134				BC237B	RC184(SP)			01
BC135	S	N	SG, AT	BC107	BC107A	MPS6566	2N3568	01
BC135				BC118	BC182	2N4966		01
BC135				BC182B	BC237A			01
BC135A	S	N	SG, AT	BC237A				01
BC136	S	N	SG, AT	BC125	BC171	MPS6566	SX3705(SP)	01
BC136				BC140-6	BC182			01
BC136				BC237	BC237A			01
BC136				BC140				01
BC137	S	P	SG, ME, NS, AT	BC116	BC160	MM3726	2N1132	01
BC137				BC160-10	BC327	2N5448		01
BC138	S	N	SG, AT	BC140-6		2N2219	2N2297	01
BC138				BFY51				01
BC139	S	P	SG, TX, ME, AT	BC160	BC160-6	MM3726	2N1132	BC119 01
BC139				BFS95		2N2904	2N4036	01
BC139						2N5855	40406	01
BC140	S	N	TF, TX, SG, S, V, F	BC286	BC429	2N2218A	2N2297	25C798 BC160 01, 10
BC140	S	N	TF, TX, SG, S, V, F	BFY50	BSY46	2N3036	2N5321	01, 10
BC140C	S	N	S	BC140-6				01, 10
BC140D	S	N	S	BC140-16				01, 10
BC140/6	S	N	IN, S, V, TF, F	BFY50		2N2297		01
BC140/10	S	N	IN, S, V, TF, F	BFY50		2N2297		01
BC140/16	S	N	IN, S, V, TF, F	BFY50		2N2297		01
BC141	S	N	F, TF, TX, SG, S, V	BC310	BC429A	2N2297	2N3036	BC161 01
BC141				BFY50		2N3020	2N5320	01
BC141C	S	N	S	BC141-6				01
BC141D	S	N	S	BC141-16				01
BC141/6	S	N	IN, S, TF, V, F	BFY50		2N2297		01
BC141/10	S	N	IN, S, TF, V, F	BFY50		2N2297		01
BC141/16	S	N	IN, S, TF, V, F	BFY50		2N2297		01
BC142	S	N	SG, TX, ME, AT, F	BC141-6	BC141	2N2219	2N2219A	BC143 01
BC142				BC286	BFY50	2N3020	2N3036	01
BC142						40360		01
BC143	S	P	SG, TX, ME, NS, AT	BC160	BC161-6	MM3726	2N1132	BC142 01
BC143			F	BC287		2N4037	40595	01
BC144	S	N	SG, TX, AT	BC140-6	BC140	2N2218A	2N2297	01
BC144				BC286	BFY50	40594		01
BC144				BSY44				01
BC145	S	N	SG, AT	BC117	BC141	2N1990		01
BC145				BFI17	BFI78			01
BC145				BFI297	(BFI457)			01
BC146	S	N	MU, PH, V, RA, AM	(BC122)	BCW83			BC200 01
BC146gn	S	N	MU, PH, V	(BC122bl)				01
BC146r	S	N	MU, PH, V	(BC122ye)				01
BC146ye	S	N	MU, PH, V	(BC122gn)				01
BC147	S	N	S, AT, TF, V, PH	BC171	BC182	A747	MPS6566	01
BC147				BC107	BC207			01
BC147				BC317	BC407			01
BC147				BC582	BC547			01
BC147A	S	N	AT, S, TF, V, PH	BC147	BC171A	A747	MPS6566	25C281 01
BC147A				BC182A	BC107			01
BC147A				BC407A	BC547			01
BC147B	S	N	AT, S, TF, V, PH	BC147	BC171B	A747		01
BC147B				BC107B	BC182B			01
BC147B				BC407B	BC547B			01
BC148	S	N	AT, S, TF, V, PH	BC108	BC147	A747	MPS6520	01
BC148				BC172	BC183			01
BC148				BC208	BC318			01
BC148				BC408	BC548			01
BC148				BC583				01
BC148A	S	N	AT, S, TF, V, PH	BC108A	BC147	A747	MPS6520	25C281 01
BC148A				BC183A	BC172A	2N3568		01
BC148A				BC408A	BC548A			01
BC148B	S	N	AT, S, TF, V, PH	BC147	BC108B	A747	2N3568	01
BC148B				BC183B	BC172B			01
BC148B				9CA08B	BC548B			01
BC148C	S	N	AT, S, TF, V, PH	BC108C	BC172C	A747	2N3568	01
BC148C				BC183C	BC408C			01
BC148C				BC548C				01

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
BC149	S	N	AT, S, TF, V, PH	BC109	BC173	A749	MPS6521	01
BC149				BC184	BC209			01
BC149				BC319	BC409			01
BC149				BC549				01
BC149B	S	N	AT, S, TF, V, PH	BC109B	BC149	A749	MPS6521	2SC258
BC149B				BC173B	BC184B			01
BC149B				BC409B	BC549B			01
BC149C	S	N	AT, S, TF, V, PH	BC109C	BC149	A749		
BC149C				BC173C	BC409C			
BC149C				BC549C				
BC150	S	N	TH, AE	BC168B		SX3707(SP)		01
BC151	S	N	TH, AE	BC167		SX3707(SP)		01
BC152	S	N	TH, AE	(BC167B)		SX3707(SP)		01
BC153	S	P	SG, ME, NS, AT, F	BC212	BC251	MPS6516	2N4966	01
BC153				BC307A	BC416A	2N5041		01
BC154	S	P	SG, ME, NS, AT, F	BC158	BC307A	MPS6522	2N4967	01
BC154				BC213	BC252			01
BC154				BC416B	BC214(SP)			01
BC155	S	N	TF	(BC121)	BC183			01
BC155A	S	N	TF	(BC121w)				01
BC155B	S	N	TF	(BC121gn)				01
BC155C	S	N	TF	(BC121bl)				01
BC156	S	N	TF	(BC121)	BC183			01
BC156A	S	N	TF	(BC121w)				01
BC156B	S	N	TF	BC121gn				01
BC156C	S	N	TF	(BC121b)				01
BC157	S	P	AT, PH, S, V	BC320	BC212	MPS6516	2N5041	2SA565
BC157				BC307	BC251			01
BC157				BC557	BC204			01
BC157				BC177				01
BC157A	S	P	AT, PH, S, V	BC167				01
BC157B	S	P	AT, PH, S, V	BC167				01
BC157V	S	P	S	BC157A				01
BC157VI	S	P	AT, PH, V, S	BC157A	BC157			01
BC157B	S	P	AT, PH, V, S	BC157A	BC157			01
BC158	S	P	AT, PH, S, V	BC321	BC178	MPS6522		2SA565
BC158				BC262	BC157			01
BC158				BC213	BC308			01
BC158				BC206	BC558			01
BC158A	S	P	AT, PH, S, V	BC178A	BC157			01
BC158A				BC308A	BC558			01
BC158B	S	P	AT, PH, S, V	BC178B	BC158			01
BC158B				BC308B	BC558B			01
BC158V	S	P	S	BC158A				01
BC158VI	S	P	AT, PH, V, S	BC158A	BC157			01
BC158/B	S	P	AT, PH, V, S	BC157	BC158A			01
BC159	S	P	AT, PH, S, V	BC309	BC214	MPS6523		2SA565
BC159				BC559	BC206			01
BC159				BC179	BC322			01
BC159A	S	P	AT, PH, V, S	BC179A	BC159			01
BC159A				BC309A	BC559A			01
BC159B	S	P	AT, PH, V, S	BC179B	BC159			01
BC159B				BC309B	BC559B			01
BC180	S	P	TF, TX, SQ, S, V, F	BC287	BC143	2N2904	2N5323	BC140
BC180						2N4037	2N1132	01
BC180						MM3726		01
BC180/B	S	P	IN, S, TF, V, F	BC143		2N4037		01
BC180/10	S	P	IN, S, TF, V, F	BC143		2N4037		01
BC180/16	S	P	IN, S, TF, V, F	BC143		2N4037		01
BC180/16	S	P	TF, TX, SG, S, V, F	BC430A	BC311	2N5322	2N4037	BC141
BC181			IN	BC143		2N2904		01
BC181/B	S	P	IN, S, TF, V, F	BC143		2N4037		01
BC181/10	S	P	IN, S, TF, V, F	BC143		2N4037		01
BC181/16	S	P	IN, S, TF, V, F	BC143		2N4037		01
BC187	S	N	S, TF	BC317	BC171	MPS6666	2N3710	2SC458
BC187				BC237	BC182			01
BC187				BC182L	BC207			01
BC187A	S	N	S, TF	BC182L		2N3710		01
BC187B				BC171B	BC182B	MPS6566	2N3710	01
BC187B				BC182L				01
BC188	S	N	S, TF	BC318	BC172	MPS6520	2N3710	01
BC188				BC238	BC183			01
BC188				BC182L	BC208			01
BC188A	S	N	S, TF	BC172A	BC183A	MPS6520	2N3710	2SC458
BC188A				BC182L				01

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
BC168B	S	N	S, TF	BC172B BC182L	BC183B	2N3710		01
BC168B								01
BC168C	S	N	S, TF	BC172C BC184L	BC183C	2N3707		01
BC168C								01
BC169	S	N	S, TF	BC319	BC173	MP56521 2N3707		01
BC169				BC239 BC184L	BC184 BC209			01
BC169B	S	N	S, TF	BC173B BC184L	BC184B	MP56521 2N3707		01
BC169B								01
BC169C	S	N	S, TF	BC173C	BC184C	2N3707	BC259C	01
BC169C				BC184L				01
BC170	S	N	IN, NS	BC583 BC237	BC169 BC208	2N5825	BC250	01
BC170				BC318				01
BC170A	S	N	IN, ME, NS	BC168	BC238A	2N5825	2SC458	01
BC170A				BC172 BC208	BC148 BC237			01
BC170B	S	N	IN, ME, NS	BC168 BC238B	BC237	2N5825		01
BC170B				BC238A	BC172 BC183			01
BC170B				BC148	BC209			01
BC170C	S	N	IN, ME, NS	BC238C	BC237	2N5825		01
BC171	S	N	IN, IT, NS	BC207	BC238	MP56566 2N5827	2N2921 2SC458	BC251
BC171				BC317	BC182			01
BC171				BC582	BC237			01
BC171A	S	N	IN, NS	BC237A	BC239	2N5827		01
BC171B	S	N	IN, NS	BC237B	BC239	2N5827		01
BC172	S	N	IN, IT	BC208	BC237	MP56522	2N5825 2SC458	BC252
BC172				BC183	BC238			01
BC172				BC318	BC583			01
BC172A	S	N	IN, NS	BC238A	BC237	2N5925		01
BC172B	S	N	IN, NS	BC238B	BC239	2N5827		01
BC172C	S	N	IN, NS	BC238C	BC239	2N5827		01
BC173	S	N	IN, IT, NS	BC209	BC238	MP56521	2N5827 2SC458	BC253
BC173				BC319	BC184			01
BC173				BC584	BC239			01
BC173B	S	N	IN, NS	BC239B	BC239	2N5827		01
BC173C	S	N	IN, NS	BC139C	BC239	2N5827		01
BC174	S	N	IN, V	BC182	BC239E	2N5825		01
BC174				BC182B	BC110			01
BC174				BC237	BCY65111			01
BC174A	S	N	IN, V	BCY65EV11	BC237	2N5825		01
BC174B	S	N	IN, V	BCY65E1X	BC237	2N5825		01
BC175	S	N	TH, AE	(BCY65B)		2N3704(SP)		01
BC177	S	P	AT, S, TF, V, PH	BC320	BC157	MP56517	2N3965 2SA565	01
BC177				BC261	BC307			01
BC177				BC212	BC512			01
BC177				BC557	BC204			01
BC177				BCY70				01
BC177A	S	P	AT, S, TF, V	BCY71		2N3965		01
BC177B	S	P	AT, S, TF, V	BCY71		2N3965		01
BC177V	S	P	SE, Ss, ML, S	BC177A				01
BC177VI	S	P	AT, TF, V, Ss, ML	BC177A	BC307			01
BC177VI	S	P	NS, S	BC177A	BC307			01
BC178	S	P	AT, S, TF, V, PH	BC321	BC308	MP56518 2N3965	2SA565	01
BC178				BC213	BC513			01
BC178				BC558	BC262			01
BC178				BCY70	BC205			01
BC178				BC158				01
BC178A	S	P	AT, S, TF, V, PH	BC558A	BCY71	2N3965		01
BC178A				BC158A	BC308A			01
BC178B	S	P	AT, S, TF, V, PH	BC558B	BCY71	2N3965		01
BC178B				BC158B	BC308B			01
BC178V	S	P	SE, Ss, ML, S	BC178A				01
BC179	S	P	AT, S, TF, V, PH	BC322	BC309	MP56519 2N3965		01
BC179				BC214	BC514			01
BC179				BC559	BC263			01
BC179				BCY70	BC206			01
BC179				BC159				01
BC179A	S	P	AT, TF, V, S, PH	BC559A	BCY71	2N3965		01
BC179A				BC159A	BC309A			01
BC179B	S	P	AT, S, TF, V, PH	BC559B	BCY71	2N3965		01
BC179B				BC159B	BC309B			01
BC179V	S	P	SE	BC179B				01
BC179VI	S	P	AT, TF, V	BC179B				01

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
BC180	S	N	TH, AE	(BC167B)		2N3704(SP)		01
BC180A	S	N		BC237		2N5825		01
BC181	S	P	TX	BC157	BC307A			01
BC181				BC251	BC307VI			01
BC181				BC204	BC177			01
BC182	S	N	S, SE, TF, TX	BC317	BC171	MPS6566		01
BC182				BC174	BC237			01
BC182				BC207				01
BC182A	S	N	NS, TX, S, TF	(BC167A)			BC212	01
BC182K	S	N	NS	BC182	BC237	2N5825	BC212K	01
BC182KA	S	N	NS	BC182A	BC237	2N5825		01
BC182KB	S	N	NS	BC182B	BC237	2N5825		01
BC182L	S	N	NS, TX	(BC167)		2N5209	BC212L	01
BC182LA	S	N	NS, TX	BC182L		2N5209		01
BC182LB	S	N	NS, TX	(BC167B)	BC182L	2N5209		01
BC183	S	N	SE, TX, NS	BC238	BC182	MPS6520	BC213	01
BC183				BC208	(BC237)			01
BC183				BC318	BC172			01
BC183				BC237A				01
BC183A	S	N	SE, TX, NS, S	BC182A	BC237A			01
BC183B	S	N	SE, TX, NS, S	BC182B	BC237B			01
BC183C	S	N	SE, TX, S, NS	BC182B	BC237B			01
BC183K	S	N	NS	BC182	BC237	2N5825	BC213K	01
BC183KA	S	N	NS	BC182A	BC237A	2N5825		01
BC183KA				BC237				01
BC183KB	S	N	NS	BC182B	BC237B	2N5825		01
BC183KB				BC237				01
BC183KC	S	N	NS	BC182B	BC237B	2N5825		01
BC183KC				BC237				01
BC183L	S	N	NS, TX	BC237	BC182L	2N5209	BC213L	01
BC183L				BC167				01
BC183LA	S	N	NS, TX	BC167A	BC182L	2N5209		01
BC183LB	S	N	NS, TX	BC167B	BC182L	2N5209		01
BC183LC	S	N	NS, TX	BC167B	BC182L	2N5209		01
BC184	S	N	SE, TX, NS	BC239	BC550	MPS6521	BC214	01
BC184				BC209	BC413			01
BC184				BC319	BC173			01
BC184				BC237				01
BC184B	S	N	SE, TX, NS	BC550B	BC413B			01
BC184C	S	N	SE, TX, NS	BC550C	BC413C			01
BC184K	S	N	NS	BC550	BC413	2N5827	BC214K	01
BC184K				BC239				01
BC184KB	S	N	NS	BC550B	BC413B	2N5827		01
BC184KB				BC239				01
BC184KC	S	N	NS	BC550C	BC413C	2N5827		01
BC184KC				BC239				01
BC184L	S	N	NS, TX	(BC169)		2N5210	BC214L	01
BC184LB	S	N	NS, TX	(BC169B)	BC184L	2N5210		01
BC184LC	S	N	NS, TX	(BC169C)	BC184L	2N5210		01
BC185	S	N	AT, SG	BC140-6	BC140	2N2219		01
BC185				BSW54				01
BC186	S	P	MU, MN, V	BC178	BC261	2N3965		01
BC186				BC307A	BC281			01
BC186				BC177VI				01
BC187	S	P	MU, V	BC179	BC308B	2N3965		01
BC187				BC261	BC177VI			01
BC187				BC181	BC178A			01
BC187				BCY71				01
BC190	S	N	IN	BCY65E			BC266	01
BC190A	S	N	IN	BCY65EVII	BC107	2N929		01
BC190B	S	N	IN	BCY65EIX	BC109	2N930		01
BC192	S	P	IN	BC328-16	BSW24	2N2907	SX3702	01
BC194	S	N	TF	(BC337-16)		2N5457		01
BC196	S	P	TF	(BC258)			BC198	01
BC196A	S	P	TF	(BC258A)				01
BC196B	S	P	TF	(BC258B)				01
BC196VI	S	P	TF	(BC258A)				01
BC197	S	N	TF	BC237B	(BC167)			01
BC197				BC207	BC317			01
BC197A	S	N	TF	BC107	(BC167A)			01
BC197A				BC171	BC182			01
BC197A				BC147	BC207			01
BC197A				BC123ye				01
BC197B	S	N	TF	(BC167B)				01
BC198	S	N	TF	BC146ye	(BC168)		BC196	01
BC198				BC208	BC318			01

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
BC198A	S	N	TF	BC(168A)				01
BC198B	S	N	TF	(BC168B)				01
BC198C	S	N	TF	(BC168C)				01
BC199	S	N	TF	(BC169)	BC146C			01
BC199B	S	N	TF	BC122gn	(BC169B)			01
BC199B				BC149	BC209			01
BC199B				BC109	BC319			01
BC199B				BC173				01
BC199C	S	N	TF	(BC169C)				01
BC200	S	P	MU, PH, V, AM, RA	(BC202)	BC206		BC146	01
BC200				BC322				01
BC200gn	S	P	MU, PH, V	(BC202gn)				01
BC200r	S	P	MU, PH, V	(BC220r)				01
BC200ye	S	P	MU, PH, V	(BC202w)				01
BC201	S	P	S	BC200	BCW63	2SA565		01
BC201gn	S	P	S					01
BC201f	S	P	S	BC201w				01
BC202	S	P	S	BC200ye	BCW63	2SA565		01
BC202r	S	P	S	BC202gn				01
BC203	S	P	S	BCW63	BC200ye			01
BC203gn	S	P	S					01
BC203r	S	P	S	BC203w				01
BC204	S	P	SE, AT, F	BC307	BC307A	MPS6517	2N4248	BC207
BC204				BC177	BC212			01
BC204				BC251				01
BC204A	S	P	SE, Ss, ME, ML-	BC307	BC307A	2N6015		01
BC204A	S	P	SG, AT, F	SG, AT, F	BC307A	2N6015		01
BC204B	S	P	SE, Ss, ME, ML-	BC307B	BC309	2N6003		01
BC204B	S	P	SG, AT, F	SG, AT, F	BC309	2N6003		01
BC204V	S	P	SE, Ss, ME, ML	BC307A				01
BC204VI	S	P	SE, Ss, ME, ML-	BC307A				01
BC204VI	S	P	SG, AT, F	BC307A				01
BC205	S	P	SE, AT, F	BC178	BC213	MPS6518	2N4248	BC208
BC205				BC204	BC252			01
BC205				BC308				01
BC205A	S	P	SE, AT, F	BC308A	BC309	2N6003		01
BC205B	S	P	SE, Ss, ME, ML-	BC308B	BC309	2N6003		01
BC205B	S	P	SG, AT, F	SG, AT, F	BC309	2N6003		01
BC205V	S	P	SE	BC308A				01
BC205VI	S	P	SE, Ss, ME, ML	BC308A				01
BC206	S	P		BC179	BC213	MPS6519	2N4250	BC209
BC206				BC214	BC253			01
BC206				BC309				01
BC206A	S	P	SE, SG	BC309A	BC309	2N6003		01
BC206B	S	P	AT, F, SG	BC309B	BC309	2N6003		01
BC206B	S	P	SE, Ss, ME, ML	BC309B	BC309	2N6003		01
BC206V	S	P	SE	BC309A				01
BC206VI	S	P	SE	BC309A				01
BC207	S	N	SE, SG, AT, F	BC182	BC237	2N4966		BC204
BC207				BC171	BC147			01
BC207				BC107				01
BC207A	S	N	SE, Ss, ME, ML-	BC237A				01
BC207A	S	N	SG, AT, F	BC237A				01
BC207B	S	N	SE, Ss, ME, ML	BC237B				01
BC207B	S	N	SG, AT, F	BC237B				01
BC207C	S	N	SE	BC237B				01
BC208	S	N	SE, SG, AT, F	BC183	BC238		BC205	01
BC208				BC148	BC172			01
BC208				BC108				01
BC208A	S	N	SE, Ss, ME, ML-	BC238A	BC207	2N4966		01
BC208A	S	N	SG, AT, F	BC238A	BC207	2N4966		01
BC208B	S	N	SE, Ss, ME, ML-	BC238B	BC239	2N5827		01
BC208B	S	N	SG, AT, F	BC238B	BC239	2N5827		01
BC208C	S	N	SE, Ss, ME, ML-	BC238C	BC239	2N5827		01
BC208C	S	N	SG, AT, F	BC238C	BC239	2N5827		01
BC209	S	N	SE, SG, AT, F	BC184	BC239	2N4966		BC206
BC209				BC173	BC149			01
BC209				BC207	BC109			01
BC209A	S	N	SE	BC239B				01
BC209B	S	N	SE, Ss, ME, ML-	BC239B	BC239	2N5827		01
BC209B	S	N	SG, AT, F	BC239B	BC239	2N5827		01
BC209C	S	N	SE, Ss, ME, ML-	BC239C	BC239	2N5827		01
BC209C	S	N	SG, AT, F	BC239C	BC239	2N5827		01
BC210	S	N	SE	BC337-16	BSX33	2N731		BC215
BC211	S	N	SE	BC140	BFY51	2N2219A	2N3020	BC313

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
BC211					2N2218A	2N3036		01
BC211A	S	N	SE	BC140-6	2N2297		BC313A	01
BC211A	S	N	SE	BFY50				01
BC211A-6	S	N	SE	BC141-6				01
BC211A-10	S	N	SE	BC141-10				01
BC211A-16	S	N	SE	BC141-16				01
BC211B	S	N	SE	BC140-6				01
BC211C	S	N	SE	BC140-10				01
BC211D	S	N	SE	BC140-16				01
BC211E	S	N	SE	BC140-16				01
BC211-6	S	N	SE	BC140-6				01
BC211-10	S	N	SE	BC140-10				01
BC211-16	S	N	SE	BC140-16				01
BC212	S	P	S, TF, TX	BC157	BC177	2N6015	BC182A	01
BC212	S	P	S, TF, TX	BC204	BC320			01
BC212	S	P	S, TF, TX	BC251	BC307			01
BC212A	S	P	S, TF, TX	BC307		2N6015		01
BC212B	S	P	S, TF, TX	BC307		2N6015		01
BC212K	S	P	NS, TX	BC212	BC307	2N6015	BC182K	01
BC212KA	S	P	NS, TX	BC212A	BC307	2N6015		01
BC212KB	S	P	NS, TX	BC212B	BC307	2N7015		01
BC212L	S	P	NS, TX	(BC257)		2N5086	BC182L	01
BC212LA	S	P	NS, TX	(BC257A)	BC212L	2N5086		01
BC212LB	S	P	NS, TX	(BC257B)	BC212L	2N5086		01
BC212V1	S	P	S	BC212A				01
BC213	S	P	TX, NS	BC204	BC307		BC183	01
BC213	S	P	TX, NS	BC157	BC177			01
BC213A	S	P	TX, NS	BC307A				01
BC213B	S	P	TX, NS	BC307B				01
BC213C	S	P	TX, NS	BC307B				01
BC213K	S	P	NS, TX	BC307	BC309	2N6003	BC183K	01
BC213KA	S	P	NS, TX	BC307A	BC309	2N6003		01
BC213KB	S	P	NS, TX	BC307B	BC309	2N6003		01
BC213KC	S	P	NS, TX	BC307B	BC309	2N6003		01
BC213L	S	P	NS, TX	BC307B	BC212L	2N5086	BC183L	01
BC213LA	S	P	NS, TX	BC257A	BC213L	2N5086		01
BC213LB	S	P	NS, TX	BC257B	BC212L	2N5086		01
BC213LC	S	P	NS, TX	BC257B	BC212L	2N5086		01
BC214	S	P	TX, NS	BC322	BC253		BC184	01
BC214	S	P	TX, NS	BC307A	BC560		BC184	01
BC214	S	P	TX, NS	BC206	BC179			01
BC214A	S	P	TX, NS	BC560A	BC415A			01
BC214B	S	P	TX, NS	BC560B	BC415B			01
BC214C	S	P	TX, NS	BC560C	BC415C			01
BC214K	S	P	NS, TX	BC560	BC415	2N6003	BC184K	01
BC214K	S	P	NS, TX	BC309				01
BC214KA	S	P	NS, TX	BC560A	BC415A			01
BC214KB	S	P	NS, TX	BC560B	BC415B	2N6003		01
BC214KB	S	P	NS, TX	BC309				01
BC214KC	S	P	NS, TX	BC560C	BC415C	2N6003		01
BC214KC	S	P	NS, TX	BC309				01
BC214L	S	P	NS, TX	(BC259)		2N5087	BC184L	01
BC214LA	S	P	NS, TX	(BC259B)				01
BC214LB	S	P	NS, TX	(BC259B)	BC214L	2N5087		01
BC214LC	S	P	NS, TX	(BC259C)	BC239	2N5827		01
BC215	S	P	SE	BC231	BC327	2N2907A	BC210	01
BC215	S	P	SE	BC261	BSW24			01
BC215	S	P	SE	BC157				01
BC215A	S	P	SE	BC327-16				01
BC215B	S	P	SE	BC327-16				01
BC216	S	N	IS, AT	BC182				01
BC217	S	N		BC183				01
BC218	S	N	IS, RZ	BC237A				01
BC218A	S	N	IS, RZ	BC237A				01
BC219	S	N	IS, RZ	BC140-6				01
BC220	S	N	AT, SG	BC207	BC113	2N4966		01
BC220	S	N	AT, SG	BC237A	BC183B			01
BC221	S	P	AT, SG	BC327-16	BC328	2N3638A	BC222	01
BC221	S	P	AT, SG	BFY595		2N4036		01
BC222	S	N	AT, SG	BFY60	BC337-16	2N5449	BC221	01
BC222	S	N	AT, SG	BC125	BC338			01
BC223	S	N	TX	BC207	BC107	2N3704		01
BC223	S	N	TX	BC337	BC130	2N5825		01
BC223	S	N	TX	BC237	BC147			01
BC223A	S	N	TX	BC337-16	BC237	2N5825		01

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE	
BC223B	S	N	TX	BC337-25	BC239	2N5827		01	
BC224	S	P	TX	BC158	BC257B	2N5087		01	
BC224				BC213	BC308B			01	
BC224				BC205	BC258B			01	
BC224	S	P	AT, SG	BC204	BC416A	2N4249		01	
BC225				BC307A	BC212			01	
BC226	S	N	SG, AT	BC140-16	BFY51	2N2297		01	
BC226A	S	N	IS, RZ					01	
BC231	S	P	TX	BC179	(BC257)	FP6535	BC232	01	
BC231				BC161	BC327			01	
BC231				BC137	BC257A			01	
BC231A	S	P	TX	(BC257A)	BC212L	2N5086	BC232A	01	
BC231B	S	P	TX	(BC257B)	BC214L	2N5087	BC232B	01	
BC231M	S	P	TX	(BC160-16)			BC232M	01	
BC231bl	S	P	TX	(BC257A)				01	
BC231gn	S	P	TX	(BC257A)				01	
BC231gn	S	P	TX	(BC257B)				01	
BC231v	S	P	TX	(BC257B)				01	
BC231ve	S	P	TX	(BC257A)				01	
BC232	S	N	TX	BC147	(BC167)		BC231	01	
BC232				BC207	BC107			01	
BC232				BC167A	BC130			01	
BC232A	S	N	TX	(BC167A)	BC337	FP56532	2N5209	BC231A	01
BC232A				BC182L				BC231B	01
BC232B	S	N	TX	(BC167B)	BC184L	2N5210		BC231M	01
BC232M	S	N	TX	(BC140-16)					01
BC232bl	S	N	TX	(BC167A)					01
BC232gn	S	N	TX	(BC167A)					01
BC232gn	S	N	TX	(BC167B)					01
BC232v	S	N	TX	(BC167B)					01
BC232ve	S	N	TX	(BC167A)					01
BC234	S	N	IS, RZ	BC237A					01
BC234A	S	N	IS, RZ	BC237A					01
BC235	S	N	IS, RZ	BC237B					01
BC235A	S	N	IS, RZ	BC237B					01
BC236	S	N	SE	(BF457)	BC394				01
BC237	S	N	PH, S, TF, V	BC182	BC171	MPS5566	2N5448		01
BC237				BC207	BC317	2N5825			01
BC237A	S	N	PH, S, TF, V	BC237		2N5825			01
BC237B	S	N	PH, S, TF, V	BC237		2N5825			01
BC238	S	N	PH, S, TF, V	BC318	BC172	MPS6520	2N5447		01
BC238				BC237	BC183	2N5825			01
BC238				BC208					01
BC238A	S	N	PH, S, TF, V	BC237		2N5825			01
BC238B	S	N	PH, S, TF, V	BC237		2N5825			01
BC238C	S	N	PH, S, TF, V	BC237					01
BC239	S	N	PH, S, TF, V	BC173	BC319	MPS6512	2N5447		01
BC239				BC184	BC209	2N5827			01
BC239B	S	N	PH, S, TF, V	BC239		2N5827			01
BC239C	S	N	PH, S, TF, V	BC239		2N5827			01
BC240	S	P				2N4058			01
BC241	S	P				2N4059			01
BC242	S	P				2N4060			01
BC243	S	P				2N4061			01
BC244	S	P				2N4062			01
BC245	S	N				2N3707			01
BC246	S	N				2N3708			01
BC247	S	N				2N3709			01
BC248	S	N				2N3710			01
BC249	S	N				2N3711			01
BC250	S	P		BC205	BC308V1	2N6015		BC170	01
BC250				BC308	BC307				01
BC250				BC177	BC231				01
BC250A	S	P	IN, TX	BC308A	BC307	2N6015			01
BC250B	S	P	IN, TX	BC308B	BC307	2N6015			01
BC250C	S	P	IN, TX	BC308C	BC307	2N6015			01
BC251	S	P	IN	BC157	BC153			BC171	01
BC251				BC512					01
BC251				BC320					01
BC251A	S	P	IN, NS, TX	BC307A	BC307	2N6015			01
BC251B	S	P	IN, NS, TX	BC307B	BC307	2N6015			01
BC251C	S	P	IN, TX	BC307B	BC307	2N6015			01
BC252	S	P	IN	BC158	BC205		2SA565		01
BC252				BC513	BC213				01
BC252				BC308					01

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE		
BC252A	S	P	IN, NS, TX	BC308A	BC307	2N6015		01		
BC252B	S	P	IN, NS, TX	BC308B	BC307	2N6015		01		
BC252C	S	P	IN, TX	BC308C	BC307	2N6015		01		
BC253	S	P	IN	BC154	BC206		BC173	01		
BC253				BC179	BC322			01		
BC253				BC309	BC214			01		
BC253A	S	P	IN, NS, TX	BC308B	BC309	2N6003		01		
BC253B	S	P	IN, NS, TX	BC309B	BC309	2N6003		01		
BC253C	S	P	IN, TX	BC309C	BC309	2N6003		01		
BC254	S	N	TX	BC147	BC207			01		
BC254				BC108	BC107			01		
BC254				BC130				01		
BC255	S	N	TX	BC147	BC337			01		
BC255				BC107	BC108B			01		
BC255				BC130				01		
BC256	S	P	IN	BCY77		2N4250A	BC174	01		
BC256A	S	P	IN, TX	BCY77VII	BC307	2N6015		01		
BC256B	S	P	IN, TX	BCY77IX	BC307	2N6015		01		
BC257	S	P	S	BC177	BC212L	MPS6517	2N5086	2SA565	BC167	01
BC257				BC307	BC231					01
BC257				BC204	BC251					01
BC257				BC512						01
BC257A	S	P	S	BC212L		2N5086				01
BC257B	S	P	S	BC212L		2N5086				01
BC257VI	S	P	S	BC257A						01
BC258	S	P	S	BC308	BC178	MPS6518	2N5086	2SA565		01
BC258				BC205	BC231					01
BC258				BC513	BC252					01
BC258				BC212L						01
BC258A	S	P	S	BC212L		2N5286				01
BC258B	S	P	S	BC212L		2N5086				01
BC258VI	S	P	S	BC258A						01
BC259	S	P	S	BC179	BC206	MPS6519	2N5087			01
BC259				BC514	BC253					01
BC259				BC212L	BC309					01
BC259A	S	P	S	BC259B	BC214L	2N5087				01
BC259C	S	P	S	BC214L		2N5087			BC169C	01
BC260	S	P	IN	BC178	BC213(SP)	2N3964	2N3965			01
BC260				BCY70						01
BC260A	S	P	IN, TX	BC178A	BCY70	2N3965				01
BC260B	S	P	IN, TX	BC178B	BCY71	2N3965				01
BC260C	S	P	IN, TX	BC178C	BCY71	2N3965				01
BC261	S	P	IN	BC204	BC177	2N3964	2N3965			01
BC261				BC212	BC157					01
BC261				BCY71	BC153					01
BC261A	S	P	IN, NS, TX	BC177A	BCY71	2N3965				01
BC261B	S	P	IN, NS, TX	BC177B	BCY71	2N3965				01
BC261C	S	P	IN, TX	BC177B	BCY71	2N3965				01
BC262	S	P	IN	BC205	BC178	2N3964	2N3965			01
BC262				BC204	BC158					01
BC262				BCY71	BC213					01
BC262A	S	P	IN, NS, TX	BC178A	BCY71	2N3965				01
BC262B	S	P	IN, NS, TX	BC178B	BCY71	2N3965				01
BC262C	S	P	IN, TX	BC178C	BCY71	2N3965				01
BC263	S	P	IN	BC214	BC178	2N3964	2N3965		BC109	01
BC263				BC206	BC519					01
BC263				BCY71	BC153					01
BC263A	S	P	IN, NS, TX	BC179B	BCY71	2N3965				01
BC263B	S	P	IN, IT, NS, TX	BC179B	BCY71	2N3965				01
BC263C	S	P	IN, TX	BC179C	BCY71	2N3965				01
BC266	S	P	IN	BCY77		2N3962	2N3965		BC190	01
BC266A	S	P	IN, TX	BCY77VII	BCY71	2N3965				01
BC266B	S	P	IN, TX	BCY77IX	BCY71	2N3965				01
BC267	S	N	AT	BC337	BFX95	S7213	2N2222A			01
BC267				BC207	BC317					01
BC267A	S	N	AT	BC337-16						01
BC267B	S	N	AT	BC337-25						01
BC268	S	N	AT	BFX95	BC208	2N2222A				01
BC268				BC318	BC338					01
BC268A	S	N	AT	BC338-16						01
BC268B	S	N	AT	BC338-25						01
BC268C	S	N	AT	BC338-40						01
BC269	S	N	AT	BC109	BC338-25	2N2222A				01
BC269				BFX95	BC209					01
BC269				BC319						01

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
BC269B	S	N	AT	BC338-25				01
BC269C	S	N	AT	BC338-40				01
BC270	S	N	AT	BC338	BFX95	S7236	2N2222A	01
BC270A	S	N	AT	BC338-16				01
BC270B	S	N	AT	BC338-25				01
BC270C	S	N	AT	BC338-40				01
BC270-5	S	N	AT	BC338-16				01
BC270-6	S	N	AT	BC338-16				01
BC271	S	N	AT	BC338-16	BFX95	2N2222A		01
BC271	S	N	AT	BC338				01
BC272	S	N	AT	BC337-25	BC337	2N2222	2N2222A	01
BC272	S	P	CO, SE	BFX95				01
BC274	S	P	CO, SE	BC307	BC212			BC277
BC274A	S	P	CO, SE	BC307A				01
BC274B	S	P	CO, SE	BC307B				01
BC274V	S	P	CO, SE	BC307A				01
BC274V1	S	P	CO, SE	BC307A				01
BC275	S	P	CO, SE	BC308	BC213			BC278
BC275A	S	P	CO, SE	BC308A				01
BC275B	S	P	CO, SE	BC308B				01
BC275C	S	P	CO, SE	BC308C				01
BC275V	S	P	CO, SE	BC308A				01
BC275V1	S	P	CO, SE	BC308A				01
BC276	S	P	CO, SE	BC309	BC213C			BC279
BC276A	S	P	CO, SE	BC309B				01
BC276B	S	P	CO, SE	BC309B				01
BC276C	S	P	CO, SE	BC309C				01
BC277	S	N	CO, SE	BC237	BC182			BC274
BC277A	S	N	CO, SE	BC237A				01
BC277B	S	N	CO, SE	BC237B				01
BC278	S	N	CO, SE	BC238	BC183			BC275
BC278A	S	N	CO, SE	BC238A				01
BC278B	S	N	CO, SE	BC238B				01
BC278C	S	N	CO, SE	BC238C				01
BC279	S	N	CO, SE	BC239	BC183C			BC276
BC279B	S	N	CO, SE	BC239B				01
BC279C	S	N	CO, SE	BC239C				01
BC280	S	N	SG, AT	BC4148	BC182	2N930		01
BC280	S	N	SG, AT	BC109				01
BC280A	S	N	SG, AT	BC4148				01
BC280B	S	N	SG, AT	BC4148				01
BC280C	S	N	SG, AT	BC4148				01
BC281	S	P	SG, AT	BC416A	BC212	2N3964	2N3965	01
BC281	S	P	SG, AT	BCY70				01
BC281B	S	P	SG, AT	BC416B				01
BC282	S	N	SG, AT	BCX73-16	BCW73-16	2N2222A		BC283
BC282	S	P	SG, AT	BFX95				01
BC283	S	P	SG, AT	BCX75-16	BCW75-16	2N2906	2N2907A	BC282
BC283	S	N	SG, AT	BSW24	BC213			01
BC284	S	N	SG, AT	BC237	BC182	2N915	2N2222A	01
BC284	S	N	SG, AT	BFX95				01
BC284A	S	N	SG, AT	BC237A				01
BC284B	S	N	SG, AT	BC237B				01
BC285	S	N	SG, AT	(BF457)		2N3114	2N1990R	01
BC286	S	N	SG, AT, F	BC141-10	BC141-16	2N2302	2N2297	BC287
BC286	S	P	SG, F, AT	BFY50				01
BC287	S	N	AT, SG	BC161-10	BC143	2N4037		BC286
BC288	S	N	AT, SG	(BSX63-10)	BFX34	2N2297		01
BC288	S	N	SG, AT	BFY51				01
BC289	S	N	SG, AT	BC237	BC107			01
BC289A	S	N	SG, AT	BC237A				01
BC289B	S	N	SG, AT	BC237B				01
BC290	S	N	AT, SG	BC414				01
BC290A	S	N	SG, AT	BC414B				01
BC290B	S	N	SG, AT	BC414B				01
BC290C	S	N	SG, AT	BC414C				01
BC291	S	P	SG, AT	BC307A				01
BC291A	S	P	SG, AT	BC307A				01
BC291D	S	P	SG, AT	BC307A				01
BC292	S	P	SG, AT	BC416				01
BC292A	S	P	SG, AT	BC416A				01
BC292B	S	P	SG, AT	BC416B				01
BC293	S	N	SG, AT	(BSX63-10)	BFY51	2N2297		01
BC294	S	P	SG, AT	BC161-16	BFX30	2N2905A		01
BC295	S	N	SG, AT	BC237A				01

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE	
8C297	S	P	AT	BC327		2N2907A		BC377	01
8C297-6	S	P	AT	BC327-16					01
8C297-7	S	P	AT	BC327-16					01
8C298	S	P	AT	BC328				BC378	01
8C298-6	S	P	AT	BC328-16					01
8C298-7	S	P	AT	BC328-16					01
8C298-8	S	P	AT	BC328-25					01
8C300	S	N	AT	BSX47	2N1893	2N3019			01
8C300-4	S	N	AT	BSX47-6					01
8C300-5	S	N	AT	BSX47-10					01
8C300-6	S	N	AT	BSX47-10					01
8C301	S	N	AT, SG, TX	BSX46	BC300	2N699	2N1893	BC303	01
8C301				BC286	BC141-6				01
8C301-4	S	N	AT	BSX46-6					01
8C301-5	S	N	AT	BSX46-10					01
8C301-6	S	N	AT	BSX46-16					01
8C302	S	N	AT, SG, TX	BSX45	BC140-6	2N2270	2N3109	BC304	01
8C302				BFY50		2N2297			01
8C302-4	S	N	AT	BSX45-6					01
8C302-5	S	N	AT	BSX45-10					01
8C302-6	S	N	AT	BSX45-16					01
8C303	S	P	AT, SG, TX	BSV17	BC287	2N4314	2N4036	BC301	01
8C303				BC143		2N4037			01
8C303-4	S	P	AT	BSV17-6					01
8C303-5	S	P	AT	BSV17-10					01
8C303-6	S	P	AT	BSV17-10					01
8C304	S	P	AT	BSV16	BC143	2N4037		BC302	01
8C304				BC287	BC160-6				01
8C304-4	S	P	AT	BSV16-6					01
8C304-5	S	P	AT	BSV16-10					01
8C304-6	S	P	AT	BSV16-16					01
8C307	S	P	IN, S, TF, V	BC204	BC157	MP56517	2N6015		01
8C307				BC177	BC320				01
8C307				BC212	BC512				01
8C307				BC251	BC557				01
8C307A	S	P	IN, S, TF, V	BC307		2N6015			01
8C307B	S	P	IN, S, TF, V	BC307		2N6015			01
8C307C	S	P	IN	BC307B	BC309	2N6003			01
8C307VI	S	P	TF, V, SG, S, SE	BC177VI	BC307A				01
8C308	S	P	IN, S, TF, V, PH	BC205	BC558	MP56518	2N6015		01
8C308				BC178	BC321				01
8C308				BC158	BC213				01
8C308				BC513	BC252				01
8C308				BC307					01
8C308A	S	P	IN, S, TF, V, PH	BC178A	BC307	2N6015			01
8C308A				BC558A	BC158A				01
8C308B	S	P	IN, S, TF, V, PH	BC178B	BC307	2N6015			01
8C308B				BC558B	BC158B				01
8C308C	S	P	IN, S	BC307		2N6015			01
8C308VI	S	P	TF, V, SG, S, SE	BC308A	BC178VI				01
8C309	S	P	IN, S, TF, V, PH	BC206	BC559	MP56519	2N6003		01
8C309				BC179	BC322				01
8C309				BC159	BC214				01
8C309				BC178	BC263				01
8C309				BC514					01
8C309A	S	P	IN, S, TF, V, PH	BC179A	BC309	2N6003			01
8C309A				BC559A	BC159A				01
8C309B	S	P	IN, S, TF, V, PH	BC179B	BC309	2N6003			01
8C309B				BC559B	BC159B				01
8C309C	S	P	IN, S	BC309		2N6003			01
8C310	S	N	SG, AT	BSX47-6	BC286	2N1893	2N2297	BC311	01
8C310				BFY50					01
8C311	S	P	SG, AT	BSV17-6	BC287	2N4314	2N4037	BC310	01
8C311				BC143					01
8C312	S	N	SG, AT	(BF467)	BC300	2N1893			01
8C313	S	P	SE, Ss, ML	BC161	BC143	2N4037		BC211	01
8C313A	S	P	SE	BC161-6	BC143	2N4037		BC211A	01
8C313A-8	S	P	SE	BSV17-6					01
8C313A-10	S	P	SE	BSV17-10					01
8C313A-16	S	P	SE	BSV17-10					01
8C313B	S	P	SE	BC161-6					01
8C313C	S	P	SE	BC161-10					01
8C313D	S	P	SE	BC161-18					01
8C313E	S	P	SE	BC161-16					01
8C313-6	S	P	SE	BC161-8					01

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
BC313-10	S	P	SE	BC161-10						01
BC313-16	S	P	SE	BC161-16						01
BC314	S	N	SG, AT	(BF457)	BC394	2N4390				01
BC315	S	P	TX	BC415	BC415A	2N5087	2N6003			01
BC315	S			BC309						01
BC315A	S	P	TX	BC415A						01
BC315B	S	P	TX	BC415B						01
BC317	S	N	MO, F	BC237	BC167	2N5209	2N3903	BC320		01
BC317	S			BC347A						01
BC317A	S	N	MO, F	BC237A	BC167	2N5209				01
BC317B	S	N	MO, F	BC237B	BC167	2N5209				01
BC318	S	N	MO, F	BC237	BC167	2N5209		BC321		01
BC318A	S	N	MO, F	BC237A	BC167	2N5209				01
BC318B	S	N	MO, F	BC237B	BC167	2N5209				01
BC318C	S	N	MO, F	BC237B	BC169	2N5210				01
BC319	S	N	MO, F	BC239	BC169	2N5210		BC322		01
BC319B	S	N	MO, F	BC239B	BC169	2N5210				01
BC319C	S	N	MO, F	BC239C	BC169	2N5210				01
BC320	S	P	MO, F	BC307	BC327	P1119E	2N5086	BC317		01
BC320A	S	P	MO, F	BC307A	BC327	2N5086				01
BC320A	S			BC320						01
BC320B	S	P	MO, F	BC307B	BC327	2N5086				01
BC320B	S			BC320						01
BC321	S	P	MO, F	BC307	BC320	2N5086		BC318		01
BC321A	S	P	MO, F	BC307A	BC320	2N5086				01
BC321B	S	P	MO, F	BC307B	BC320	2N5086				01
BC322	S	P	MO, F	BC309	BC320	2N5087		BC319		01
BC322B	S	P	MO, F	BC322	BC309B	2N5087				01
BC322C	S	P	MO, F	BC322	BC309C	2N5087				01
BC323	S	N	AT, SG, F	(BSX63-10)	BFY50	2N5320	2N2297			01
BC324	S	N	SG, AT	BC141-6	BFY50	2N5320	2N2297			01
BC325	S	P	TX	BC416A	BCY71	2N3965		2N2483		01
BC326	S	P	TX	BC416B	BCY71	2N3965		2N2484		01
BC327	S	P	IN, S, TF, V			2N5819				01
BC327-16	S	P	IN, S, TF, V	BC327		2N5819				01
BC327-25	S	P	IN, S, TF, V	BC327		2N5819				01
BC327-40	S	P	IN, S, TF, V	BC327		2N5819				01
BC328	S	P	IN, S, TF, V	BC327		2N5819				01
BC328-16	S	P	IN, S, TF, V	BC327		2N5819				01
BC328-25	S	P	IN, S, TF, V	BC327		2N5819				01
BC328-40	S	P	IN, S, TF, V	BC327		2N5819				01
BC329	S	N	TX	(BC414)		2N5210				01
BC329B	S	N	TX	(BC414B)	BC329	2N5827				01
BC329C	S	N	TX	(BC414C)	BC329	2N5827				01
BC330	S	N	TX	BC414						01
BC330B	S	N	TX	BC414B	BC239	2N5827				01
BC330C	S	N	TX	BC414C	BC239	2N5827				01
BC331	S	N	TX	BCY65E						01
BC331A	S	N	TX	BCY65EVII	BC237	2N5825				01
BC331B	S	N	TX	BCY65EIX	BC237	2N5825				01
BC331C	S	N	TX	BCY65EIX	BC237	2N5825				01
BC332	S	N	TX	BCY59						01
BC332A	S	N	TX	BCY59VII	BC237	2N5825				01
BC332B	S	N	TX	BCY59IX	BC237	2N5825				01
BC332C	S	N	TX	BCY59X	BC237	2N5825				01
BC333	S	N	MO	BC238				BC334		01
BC334	S	P	MO	BC308	BC320	2N5086		BC333		01
BC335	S	N	MO	BC239				BC336		01
BC336	S	P	MO	BC309	BC322	2N5087		BC335		01
BC337	S	N	IN, S, TF, V	BC223		2N2222A				01
BC337-16	S	N	IN, S, TF, V	BC337		2N5818				01
BC337-25	S	N	IN, S, TF, V	BC337		2N5818				01
BC337-40	S	N	IN, S, TF, V	BC337		2N5818				01
BC338	S	N	IN, S, TF, V	BC337		2N5818				01
BC338-16	S	N	IN, S, TF, V	BC337		2N5818				01
BC338-25	S	N	IN, S, TF, V	BC337		2N5818				01
BC338-40	S	N	IN, S, TF, V	BC337		2N5818				01
BC340	S	N	IN	BC140	BFY50	2N3109	2N3110	BC360		01
BC340	S					2N2297				01
BC340-6	S	N	IN	BC140-6	BFY50	2N2297				01
BC340-10	S	N	IN	BC140-10	BFY50	2N2297				01
BC340-16	S	N	IN	BC140-16	BFY50	2N2297				01
BC341	S	N	IN	BC141	BFY50	2N3107	2N3108	BC361		01
BC341	S					2N2297				01
BC341-6	S	N	IN	BC141-6	BFY50	2N2297				01

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
BC341-10	S	N	IN	BC141-10	BFY50	2N2297				01
BC342	S	N	MO	BC141-6	BFY50	2N2297			BC343	01
BC343	S	P	MO	BC161-6	BC143	2N4037			BC342	01
BC344	S	N	MO	8SX47-6	BFY50	2N2297			BC345	01
BC345	S	P	MO	8SV17-6	BC143	2N4037			BC344	01
BC347	S	N	MO	BC237	BC167	2N5209			BC350	01
BC347A	S	N	MO	BC237A		2N3909				01
BC347B	S	N	MO	BC237B	BC347A	2N3903				01
BC347L	S	N	MO	BC237A	BC167	2N5209				01
BC348	S	N	MO	BC237	BC167	2N5209	2N5555		BC351	01
BC348A	S	N	MO	BC237A	BC167	2N5209				01
BC348B	S	N	MO	BC237B	BC169	2N5210				01
BC348L	S	N	MO	BC237A	BC169	2N5209				01
BC349	S	N	MO	BC238	BC169	2N5210			BC352	01
BC349A	S	N	MO	BC238A	BC169	2N5210				01
BC349B	S	N	MO	BC238B	BC169	2N5210				01
BC349L	S	N	MO	BC238A	BC169	2N5210				01
BC350	S	P	MO	BC307	BC320	2N5086			BC347	01
BC350A	S	P	MO	BC307A	BC320	2N5086				01
BC350B	S	P	MO	BC307B	BC322	2N5087				01
BC350L	S	P	MO	BC307A	BC320	2N5086				01
BC351	S	P	MO	BC307	BC320	2N5086			BC348	01
BC351A	S	P	MO	BC307A	BC320	2N5086				01
BC351B	S	P	MO	BC307B	BC322	2N5087				01
BC351L	S	P	MO	BC307A	BC320	2N5086				01
BC352	S	P	MO	BC308	BC322	2N5087			BC349	01
BC352A	S	P	MO	BC308A	BC320	2N5086				01
BC352B	S	P	MO	BC308B	BC322	2N5087				01
BC352L	S	P	MO	BC308A	BC322	2N5087				01
BC354	S	P	MO	BC308	BC320	2N5086				01
BC355	S	P	MO	BC308	BC320	2N5086				01
BC355A	S	P	MO	BC308A	BC320	2N5086				01
BC355B	S	P	MO	BC308A	BC320	2N5086				01
BC355C	S	P	MO	BC308B	BC322	2N5087				01
BC357	S	P	MO	BC308B	BC320	2N5086			BC358	01
BC358	S	N	MO	BC238B					BC357	01
BC360	S	P	IN	BC160	BFX29	2N5022	2N5023		BC340	01
BC360	S	P	IN			2N1132	2N2905A			01
BC360-6	S	P	IN	BC160-6	BFX29	2N2905A				01
BC360-10	S	P	IN	BC160-10	BFX29	2N2905A				01
BC360-16	S	P	IN	BC160-16	BFX29	2N2905A				01
BC361	S	P	IN	BC161	BC157	2N4030	2N4031		BC341	01
BC361	S	P	IN	BFX29		2N2905A				01
BC361-6	S	P	IN	BC161-6	BFX29	2N2905A				01
BC361-10	S	P	IN	BC161-10	BFX29	2N2905A				01
BC362	S	P	MO	(8D136-10)	BD140	2N4920			BC365	01
BC363	S	P	MO	(8D138-10)	BD140	2N4920			BC366	01
BC364	S	P	MO	(8D140-10)	BD140	2N4940			BC367	01
BC365	S	N	MO	(8D135-10)	BD169	2N4923			BC362	01
BC366	S	N	MO	(8D137-10)	BD169	2N4923			BC363	01
BC367	S	N	MO	(8D139-10)	BD169	2N4923			BC364	01
BC370	S	P	AT	BC328						01
BC370A	S	P	AT	BC328-25						01
BC370B	S	P	AT	BC328-40						01
BC370-6	S	P	AT	BC328-16						01
BC370-7	S	P	AT	BC328-16						01
BC371	S	N	AT	BC140	BFY51	2N2297				01
BC377	S	N	AT	BC337	8SW64	2N2222A			BC297	01
BC377-6	S	N	AT	BC337-16						01
BC377-7	S	N	AT	BC337-25						01
BC377-8	S	N	AT	BC337-40						01
BC378	S	N	AT	BC338	BSX33	2N731			BC298	01
BC378-6	S	N	AT	BC338-16						01
BC378-7	S	N	AT	BC338-25						01
BC378-8	S	N	AT	BC338-40						01
BC381	S	P	TX	BCX59	BCY59	2N6015				01
BC381	S	P	TX	BC307						01
BC382	S	N	TX	BC414	BC237	2N5825				01
BC382B	S	N	TX	BC414B	BC239	2N5827				01
BC382C	S	N	TX	BC414C	BC239	2N5827				01
BC383	S	N	TX	BC337	BC413	2N5825				01
BC383	S	N	TX	BC237	BC413B					01
BC383	S	N	TX	BCY13C						01
BC383B	S	N	TX	BC413B	BC239	2N5827				01
BC383C	S	N	TX	BC413C	BC239	2N5827				01

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
BC384	S	N	TX	BC413	BC413B	2N5827		01
BC384				BC239				01
BC384B	S	N	TX	BC413B	BC239	2N5827		01
BC384C	S	N	TX	BC414C	BC239	2N5827		01
BC385	S	N	TX	BC237		2N5825		01
BC385A	S	N	TX	BC237A				01
BC385B	S	N	TX	BC237B				01
BC386	S	N	TX	BC238	BC385	2N5825		01
BC386A	S	N	TX	BC237				01
				BC238A				01
BC386B	S	N	TX	BC238B				01
BC387	S	N	MO	BC140		2N4401		01
BC388	S	P	MO	BC160		2N4403	BC388	01
BC389	S	N	AT	BC107B	BC109	2N930		01
BC390	S	N	AT	BC180B	BC109	2N930		01
BC391	S	N	AT	BC108C	BC109	2N930		01
BC393	S	P	AT			2N4357		01
BC394	S	N	SG, AT	(BF458)	BF337	2N4927		01
BC395	S	N	SG, AT	BSX47	BSW66	2N4001		01
BC396	S	P	SG, AT	BSV17-6		2N4929		01
BC400	S	P	AT	BSV68		2N3497		01
BC404	S	P	SG, AT	(BCY77VIII)				01
BC404A	S	P	SG, AT	(BSY77VII)				01
BC404VI	S	P	SG, AT	(BCY77VII)				01
BC405	S	P	SG, AT	BCY77VII				01
BC405A	S	P	SG, AT	BCY77VII				01
BC405B	S	P	SG, AT	BCY77VII				01
BC406	S	P	SG, AT	(BC416B)				01
BC406B	S	P	SG, AT	(BC416B)				01
BC407	S	N	PH, RA, AM, V	BC147	BC237	2N4966		01
BC407				BC107	BC207			01
BC407				BC547				01
BC407A	S	N	PH, RA, V	BC147A	BC237A	2N4966		01
BC407A				BC107A	BC207			01
BC407A				BC547A				01
BC407B	S	N	PH, RA, V	BC147B	BC237B	2N4966		01
BC407B				BC107B	BC207			01
BC407B				BC547B				01
BC408	S	N	PH, RA, AM, V	BC148	BC238	2N4966		01
BC408				BC108	BC207			01
BC408				BC548				01
BC408A	S	N	PH, RA, V	BC148A	BC238A	2N4966		01
BC408A				BC108A	BC207			01
BC408A				BC548A				01
BC408B	S	N	PH, RA, V	BC148B	BC238B	2N4966		01
BC408B				BC108B	BC207			01
BC408B				BC548B				01
BC408C	S	N	PH, RA, V	BC148C	BC238C	2N4966		01
BC408C				BC108C	BC207			01
BC408C				BC548C				01
BC409	S	N	PH, RA, AM, V	BC149	BC239	2N4967		01
BC409				BC109	BC209			01
BC409				BC549				01
BC409B	S	N	PH, RA, V	BC149B	BC239B	2N4967		01
BC409B				BC109B	BC209			01
BC409B				BC549B				01
BC409C	S	N	PH, RA, V	BC149C	BC239C	2N4967		01
BC409C				BC109C	BC209			01
BC409C				BC549C				01
BC410	S	N	SG, AT	BC238C				01
BC411	S	N	SG, AT	BC141-6				01
BC412	S	N	SG, AT	BCX74-18	BCW74-16			01
BC413	S	N	N, S, TF, V	BC239		2N5827		01
BC413B	S	N	N, S, TF, V	BC239		2N5827		01
BC413C	S	N	N, S, TF, V	BC239		2N5827		01
BC414	S	N	N, S, TF, V	BC239		2N5827		01
BC414B	S	N	N, S, TF, V	BC239		2N5827		01
BC414C	S	N	N, S, TF, V	BC239		2N5827		01
BC415	S	P	N, S, TF, V	BC307		2N6015		01
BC415A	S	P	N, S, TF, V	BC307		2N6015		01
BC415B	S	P	N, S, TF, V	BC307		2N6015		01
BC415C	S	P	N, S, TF, V	BC309		2N6003		01
BC416	S	P	N, S, TF, V	BC309		2N6003		01
BC416A	S	P	N, S, TF, V	BC307		2N6016		01
BC416B	S	P	N, S, TF, V	BC307		2N6016		01

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
BC416C	S	P	IN, S, TF, V	BC309	2N6003			01
BC417	S	P	RA, AM, V	BC307	2N4249			01
BC417A	S	P	RA, V	BC307A				01
BC417VI	S	P	RA, V	BC307A				01
BC418	S	P	RA, AM, V	BC308	2N4249			01
BC418A	S	P	RA, V	BC308A	2N4249			01
BC418B	S	P	RA, AM, V	BC308B	2N4250			01
BC418VI	S	P	RA, V	BC308A				01
BC419	S	P	RA, AM, V	BC309	2N4249			01
BC419A	S	P	RA, V	BC309A	2N4249			01
BC419B	S	P	RA, V	BC309B	2N4240			01
BC420	S	P	AT	BC206	2N4357			01
BC424	S	N	MO	(BSX47)			BC426	01
BC425	S	N	MO	(BSX46)			BC427	01
BC426	S	P	MO	(BSV17)			BC424	01
BC427	S	P	MO	(BSV16)			BC425	01
BC429	S	N	TX	BD135-10	8D169	2N2270	2N4923	BC430
BC429A	S	N	TX	BD137-10	8D169	2N4923		
BC430	S	P	TX	BD136-10	BD140	40357	2N4920	BC429
BC430A	S	P	TX	BD138-10	BD140	2N4920		01
BC431	S	N	TF	(BC141-10)				BC432
BC432	S	N	TF	(BC161-10)				BC431
BC437	S	N	HI	BC237				01
BC437A	S	N	HI	BC237A				01
BC437B	S	N	HI	BC237B				01
BC438	S	N	HI	BC238				01
BC438A	S	N	HI	BC238A				01
BC438B	S	N	HI	BC238B				01
BC438C	S	N	HI	BC238C				01
BC439	S	N	HI	BC239				01
BC439B	S	N	HI	BC239B				01
BC439C	S	N	HI	BC239C				01
BC440	S	N	AT, SG	BC140	BFY51	2N5321	2N2297	BC460
BC440-4	S	N	AT	BC140-6				01
BC440-5	S	N	AT	BC140-10				01
BC440-6	S	N	AT	BC140-16				01
BC441	S	N	AT	BC141	BSS42	2N5320		BC461
BC441-4	S	N	AT	BC141-6				01
BC441-5	S	N	AT	BC141-10				01
BC441-6	S	N	AT	BC141-16				01
BC460	S	P	AT	BC160	BSS18	2N5323		BC440
BC460-4	S	P	AT	BC160-6				01
BC460-5	S	P	AT	BC160-10				01
BC460-6	S	P	AT	BC160-16				01
BC461	S	P	AT, SG	BC161		2N5322	2N4929	BC441
BC461-4	S	P	AT	BC161-6				01
BC461-5	S	P	AT	BC161-10				01
BC461-6	S	P	AT	BC161-16				01
BC467	S	N	HI	BC167				01
BC467A	S	N	HI	BC167A				01
BC467B	S	N	HI	BC167B				01
BC468	S	N	HI	BC168		2N5322		01
BC468A	S	N	HI	BC168A				01
BC468B	S	N	HI	BC168B				01
BC468C	S	N	HI	BC168C				01
BC469	S	N	HI	BC169				01
BC469B	S	N	HI	BC169B				01
BC469C	S	N	HI	BC169C				01
BC477	S	P	AT, SG	BCY77VII		2N1990R		01
BC477A	S	P	AT, SG	BCY77VII				01
BC477VI	S	P	AT, SG	BCY77VII				01
BC478	S	P	AT, SG	BCY79	BCY71	2N3965		01
BC478A	S	P	AT, SG	BCY79VII				01
BC478B	S	P	AT, SG	BCY79IX				01
BC479	S	P	AT, SG	BC416B	BCY71	2N3965		01
BC479B	S	P	AT, SG	BC416B				01
9C507	S	N	SG, AT	BC182				01
BC507A	S	N	SG, AT	BC182A				01
BC507B	S	N	SG, AT	BC182B				01
BC507FA	S	N	SG, AT	BC182A				01
BC507FB	S	N	SG, AT	BC182B				01
BC508	S	N	SG, AT	BC182				01
BC508A	S	N	SG, AT	BC182A				01
BC508B	S	N	SG, AT	BC182B				01
BC508C	S	N	SG, AT	BC182B				01

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
BC508FA	S	N	SG, AT	BC182A				U1
BC508FB	S	N	SG, AT	BC182B				01
BC508FC	S	N	SG, AT	BC182B				01
BC509	S	N	SG, AT	BC414				01
BC509B	S	N	SG, AT	BC414B				01
BC509C	S	N	SG, AT	BC414C				01
BC509FB	S	N	SG, AT	BC414B				01
BC509FC	S	N	SG, AT	BC414C				01
BC510	S	N	SG, AT	BC413				01
BC510B	S	N	SG, AT	BC413B				01
BC510C	S	N	SG, AT	BC413C				01
BC510FB	S	N	SG, AT	BC413B				01
BC510FC	S	N	SG, AT	BC413C				01
BC512	S	P	TX	BC307	2N6015		BC582	01
BC512A	S	P	TX	BC307A	2N6015			01
BC512B	S	P	TX	BC307B	8C309	2N6003		01
BC513	S	P	TX	BC308	BC307	2N6015	BC583	01
BC513A	S	P	TX	BC308A	BC307	2N6015		01
BC513B	S	P	TX	BC308B	BC309	2N6003		01
BC513C	S	P	TX	BC308C	BC309	2N6003		01
BC514	S	P	TX	BC309	BC307	2N6015	BC584	01
BC514A	S	P	TX	BC309B	BC307	2N6015		01
BC514B	S	P	TX	BC309B	BC309	2N6003		01
BC514C	S	P	TX	BC309C	BC309	2N6003		01
BC520	S	N	F	(BC414C)				01
BC520B	S	N	F	(BC414B)				01
BC520C	S	N	F	(BC414C)				01
BC521	S	N	F	(BC414C)				01
BC521C	S	N	F	(BC414C)				01
BC521D	S	N	F	(BC414C)				01
BC522	S	N	F	(BC413C)				01
BC522C	S	N	F	(BC413C)				01
BC522D	S	N	F	(BC413C)				01
BC522E	S	N	F	(BC413C)				01
BC523	S	N	F	BC414B				01
BC523B	S	N	F	BC414B				01
BC523C	S	N	F	BC414C				01
BC526	S	P	F	BC212				01
BC526A	S	P	F	BC212A				01
BC526B	S	P	F	(BC416B)				01
BC526C	S	P	F	(BC416)				01
BC527	S	P	F	(BSV16)			BC537	01
BC527-6	S	P	F	(BSV16-6)				01
BC527-10	S	P	F	(BSV16-10)				01
BC527-16	S	P	F	(BSV16-16)				01
BC527-25	S	P	F	(BSV16-16)				01
BC528	S	P	F	(BSV17)			BC538	01
BC528-6	S	P	F	(BSV17-6)				01
BC528-10	S	P	F	(BSV17-10)				01
BC528-16	S	P	F	(BSV17-10)				01
BC528-25	S	P	F	(BSV17-10)				01
BC532	S	N	F	(8F457)			BC530	01
BC533	S	N	F	(8F458)			BC531	01
BC534	S	P	F	(BSV17-10)			BC535	01
BC535	S	N	F	(BSX47-10)			BC534	01
BC537	S	N	F	(BSX46)			BC527	01
BC537-6	S	P	F	(BSX46-6)				01
BC537-10	S	P	F	(BXV46-10)				01
BC537-16	S	N	F	(BSX46-16)				01
BC537-25	S	N	F	(BSX46-16)				01
BC538	S	N	F	(BSX47)			BC528	01
BC538-6	S	N	F	(BSX47-6)				01
BC538-10	S	N	F	(BSX47-10)				01
BC538-16	S	N	F	(BSX47-10)				01
BC538-25	S	N	F	(BSX47-10)				01
BC547	S	N	MU, PH, S, V	BC107	8C338	2N5818		01
BC547	S	N	MU, PH, S, V	BC407	BC147			01
BC547A	S	N	PH	BC407A	8C147A			01
BC547A	S	N	PH	BC107A				01
BC547B	S	N	PH	BC407B	8C147B			01
BC547B	S	N	PH	BC107B				01
BC548	S	N	MU, PH, S, V	BC108	8C338	2N5818		01
BC548	S	N	MU, PH, S, V	BC408	BC148			01
BC548A	S	N	PH	BC408A	BC148A			01
BC548A	S	N	PH	BC108A				01

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
BC548B	S	N	PH	BC408B	BC148B			01
BC548B				BC108B				01
BC548C	S	N	PH	BC408C	BC148C			01
BC548C				BC108C				01
BC549	S	N	MU, PH, S, V	BC109	BC338	2N5818		01
BC549				BC409	BC149			01
BC549B	S	N	PH	BC409B	BC149B			01
BC549B				BC109B				01
BC549C	S	N	PH	BC409C	BC149C			01
BC549C				BC109C				01
BC557	S	P	MU, PH, S, V	BC307	BC157	2N6015		01
BC557				BC177				01
BC558	S	P	MU, PH, S, V	BC307	BC307	2N6015		01
BC558				BC308	BC158			01
BC558A	S	P	PH	BC308A	BC158A			01
BC558A				BC178A				01
BC558B	S	P	PH	BC308B	BC158B			01
BC558B				BC178B				01
BC558VI	S	P	MU, PH, V, S	BC558A				01
BC559	S	P	MU, PH, V, S	BC309	BC159	2N6003		01
BC559				BC179				01
BC559A	S	P	PH	BC159A	BC179A			01
BC559A				BC309A				01
BC559B	S	P	PH	BC159B	BC179A			01
BC559B				BC309A				01
BC582	S	N	TX	BC237			BC512	01
BC582A	S	N	TX	BC237A	BC237	2N5825		01
BC582B	S	N	TX	BC237B	BC239	2N5827		01
BC583	S	N	TX	BC238			BC513	01
BC583A	S	N	TX	BC238A	BC237	2N5825		01
BC583B	S	N	TX	BC238B	BC239	2N5827		01
BC583C	S	N	TX	BC238C	BC239	2N5827		01
BC584	S	N	TX	BC239			BC514	01
BC584B	S	N	TX	BC239B		2N5827		01
BC584C	S	N	TX	BC239C		2N5827		01
BC612	S	P	TX	(BCY77VII)			BC682	01
BC682	S	N	TX	(BCY65EVII)			BC612	01
BC727	S	P	F	BC327			BC737	01
BC727-10	S	P	F	BC327-16				01
BC727-16	S	P	F	BC327-16				01
BC727-25	S	P	F	BC327-25				01
BC727-40	S	P	F	BC327-40				01
BC728	S	P	F	BC328			BC738	01
BC728-10	S	P	F	BC328-16				01
BC728-16	S	P	F	BC328-16				01
BC728-25	S	P	F	BC328-25				01
BC728-40	S	P	F	BC328-40				01
BC737	S	N	F	BC337			BC727	01
BC737-10	S	N	F	BC337-16				01
BC737-16	S	N	F	BC337-16				01
BC737-25	S	N	F	BC337-25				01
BC737-40	S	N	F	BC337-40				01
BC738	S	N	F	BC338			BC728	01
BC738-10	S	N	F	BC338-6				01
BC738-16	S	N	F	BC338-16				01
BC738-25	S	N	F	BC338-25				01
BC738-40	S	N	F	BC338-40				01
BCW10	S	N	FE	BC338-16	BC387	2N4401	BCW11	01
BCW10K	S	N	FE	BC338-16				01
BCW10L	S	N	FE	BC338-16				01
BCW10M	S	N	FE	BC338-16				01
BCW11	S	P	FE	BC328-16			BCW10	01
BCW11K	S	P	FE	BC328-16				01
BCW11L	S	P	FE	BC328-16				01
BCW11M	S	P	FE	BC328-16				01
BCW12	S	N	FE	BC337-16	BC387	2N4401	BCW13	01
BCW12K	S	N	FE	BC337-16				01
BCW12L	S	N	FE	BC337-16				01
BCW12M	S	N	FE	BC337-16				01
BCW13	S	P	FE	BC327-16			BCW12	01
BCW13K	S	P	FE	BC327-16				01
BCW13L	S	P	FE	BC327-16				01
BCW13M	S	P	FE	BC327-16				01
BCW14	S	N	FE	BC337-16	BC387	2N4401	BCW15	01
BCW14K	S	N	FE	BC337-16				01

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE	
BCW14L	S	N	FE	BC327-16				01	
BCW14M	S	N	FE	BC337-16				01	
BCW15	S	P	FE	BC327-16			BCW14	01	
BCW15K	S	P	FE	BC327-16				01	
BCW16L	S	P	FE	BC327-16				01	
BCW15M	S	P	FE	BC327-16				01	
BCW16	S	N	FE	BC337-16	BC387	2N4401	BCW17	01	
BCW16K	S	N	FE	BC337-16				01	
BCW16L	S	N	FE	BC337-16				01	
BCW16M	S	N	FE	BC337-16				01	
BCW17	S	P	FE	BC327-16			BCW16	01	
BCW17K	S	P	FE	BC327-16				01	
BCW17L	S	P	FE	BC327-16				01	
BCW17M	S	P	FE	BC327-16				01	
BCW18	S	N	FE	(BC337-16)	BC387	2N4401	BCW19	01	
BCW18K	S	N	FE	(BC337-16)				01	
BCW18L	S	N	FE	(BC337-16)				01	
BCW18M	S	N	FE	(BC337-16)				01	
BCW19	S	P	FE	(BC327-16)			BCW18	01	
BCW19K	S	P	FE	(BC327-16)				01	
BCW19L	S	P	FE	(BC327-16)				01	
BCW19M	S	P	FE	(BC327-16)				01	
BCW20	S	N	FE	BC337-40	BC349C	2N3904	BCW21	01	
BCW20K	S	N	FE	BC337-40				01	
BCW20L	S	N	FE	BC337-40				01	
BCW20M	S	N	FE	BC337-40				01	
BCW21	S	P	FE	BC327-40	BC309	2N6003	BCW20	01	
BCW21K	S	P	FE	BC327-40				01	
BCW21L	S	P	FE	BC327-40				01	
BCW21M	S	P	FE	BC327-40				01	
BCW22	S	N	FE	BC337-40	BC349C	2N3904	BCW23	01	
BCW22K	S	N	FE	BC337-40				01	
BCW22L	S	N	FE	BC337-40				01	
BCW22M	S	N	FE	BC337-40				01	
BCW23	S	P	FE	BC327-40	BC309	2N6003	BCW22	01	
BCW23K	S	P	FE	BC327-40				01	
BCW23L	S	P	FE	BC327-40				01	
BCW23M	S	P	FE	BC327-40				01	
BCW24	S	N	FE, IN	BC4148	BC109	2N930		01	
BCW29	S	P	PH, V, RA	BCW618A	BFS37			01	
BCW29R	S	P	MU	BFS37				01	
BCW30	S	P	PH, V, RA	BCW618C	BFS37			01	
BCW30R	S	P	MU	BFS37				01	
BCW31	S	N	PH, V	BFS36				01	
BCW31R	S	N	MU	BFS36				01	
BCW32	S	N	PH, V, RA	BCW60AC	BFS36			01	
BCW32R	S	N	MU	BFS36				01	
BCW33	S	N	PH, V, RA	BCW60AD	BFS36			01	
BCW33R	S	N	MU	BFS36				01	
BCW34	S	N	TX	(BC337-16)	BFX95	2N2222A	BCW35	01	
BCW35	S	P	TX	(BC327-16)	BSW24	2N2907A	BCW34	01	
BCW36	S	N	TX	(BC337-16)	BSX95	2N2222A	BCW37	01	
BCW37	S	P	TX	(BC327-16)	BSW24	2N2907A	BCW36	01	
BCW38	S	N	TX	(BC337-16)				01	
BCW39	S	N	TX	(BC337-16)				01	
BCW44	S	N	SG, AT	BC141	BFX85	40360	2N1893	BCW45	01
BCW45	S	P	SG, AT	BC161		40362		BCW44	01
BCW46	S	N	PH, V, RA	BCY65E		SE4020		01	
BCW46A	S	N	PH, V, RA	BCY65EVII				01	
BCW46B	S	N	PH, V, RA	BCY65EIX				01	
BCW47	S	N	PH, V, RA	BC237	BC207			01	
BCW47	S	N	PH, V, RA	BC317				01	
BCW47A	S	N	PH, V, RA	BC237A				01	
BCW47B	S	N	PH, V, RA	BC237B				01	
BCW48	S	N	PH, V, RA	BC238	BC208			01	
BCW48	S	N	PH, V, RA	BC318				01	
BCW48A	S	N	PH, V, RA	BC238A				01	
BCW48B	S	N	PH, V, RA	BC238B				01	
BCW48C	S	N	PH, V, RA	BC238C				01	
BCW49	S	N	PH, V, RA	BC239	BC209			01	
BCW49	S	N	PH, V, RA	BC319				01	
BCW49B	S	N	PH, V, RA	BC239B				01	
BCW49C	S	N	PH, V, RA	BC239C				01	
BCW50	S	N	SG, AT	(8F457)	BC285	2N1990R		01	
BCW51	S	N	TX	BC182B			BCW52	01	

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
BCW51A	S	N	TX	BC1828				01
BCW51B	S	N	TX	BC1828				01
BCW52	S	P	TX	BC2128			BCW51	01
BCW54	S	N	IN, IT	BCY65EVII				01
BCW55	S	N	IN, IT	BCY65EIX				01
BCW56	S	P	PH, V, RA	BCY77	2N4249			01
BCW56A	S	P	PH, V, RA	BCY77VII				01
BCW57	S	P	PH, V, RA	BC307	BC204			01
BCW57A	S	P	PH, V, RA	BC320				01
				BC307A				01
BCW57B	S	P	PH, V, RA	BC307B				01
BCW58	S	P	PH, V, RA	BC308	BC205			01
BCW58A	S	P	PH, V, RA	BC321				01
BCW58A	S	P	PH, V, RA	BC308A				01
BCW58B	S	P	PH, V, RA	BC308B				01
BCW59	S	P	PH, V, RA	BC309	BC206			01
BCW59	S	P	PH, V, RA	BC322				01
BCW59B	S	P	PH, V, RA	BC309B			BCW82	01
BCW62	S	P	TX	(BC257)				01
BCW62A	S	P	TX	(BC257A)				01
BCW62B	S	P	TX	(BC257B)			BCW83	01
BCW63	S	P	TX	(BC257)				01
BCW63A	S	P	TX	(BC257A)				01
BCW63B	S	P	TX	(BC257B)				01
BCW63C	S	P	TX	(BC257B)				01
BCW64	S	P	TX	BC259			BCW84	01
BCW64A	S	P	TX	(BC259B)				01
BCW64B	S	P	TX	(BC259B)				01
BCW64C	S	P	TX	(BC259C)				01
BCW69	S	P	PH, V	BCX71BG	BFS37			01
BCW69R	S	P	MU	BFS37				01
BCW70	S	P	PH, V	BCX71BJ	BFS37			01
BCW70R	S	P	MU	BFS37				01
BCW71	S	N	PH, V	BCX70AG	BFS36			01
BCW71R	S	N	MU	BFS36				01
BCW72	S	N	PH, V	BCX70AJ	BFS36			01
BCW72R	S	N	MU	BFS36				01
BCW73	S	N	S	BFX95	2N2222A			01
BCW73-16	S	N	S	BFX95	2N2222A			01
BCW73-25	S	N	S	BFX95	2N2222A			01
BCW73-40	S	N	S	BFX95	2N2222A			01
BCW74	S	N	S	BFX95	2N2222A			01
BCW74-16	S	N	S	BFX95	2N2222A			01
BCW74-25	S	N	S	BFX95	2N2222A			01
BCW74-40	S	N	S	BFX95	2N2222A			01
BCW75	S	P	S	BSW24	2N2907A			01
BCW75-10	S	P	S	BSW24	2N2907A			01
BCW75-16	S	P	S	BSW24	2N2907A			01
BCW75-25	S	P	S	BSW24	2N2907A			01
BCW76	S	P	S	BSW24	2N2907A			01
BCW76-10	S	P	S	BSW24	2N2907A			01
BCW76-16	S	P	S	BSW24	2N2907A			01
BCW76-25	S	P	S	BSW24	2N2907A			01
BCW77	S	N	S	BFY51	2N2297			01
BCW77-16	S	N	S	BFY51	2N1711	2N2297		01
BCW77-25	S	N	S	BFY51	2N2297			01
BCW78	S	N	S	BFY51	2N2297			01
BCW78-16	S	N	S	BFY52	2N1711	2N2297		01
BCW78-25	S	N	S	BFY50	2N2297			01
BCW78-40	S	N	S	BFY51	2N2297			01
BCW79	S	P	S	BFS95	2N4036			01
BCW79-10	S	P	S	BFS95	2N4036			01
BCW79-16	S	P	S	BFS95	2N4037	2N4036		01
BCW79-25	S	P	S	BFS95	2N4036			01
BCW80	S	P	S	BFS95	2N4036			01
BCW80-10	S	P	S	BFS95	2N4036			01
BCW80-16	S	P	S	BFS95	2N4037	2N4036		01
BCW80-25	S	P	S	BFS95	2N4036			01
BCW82	S	N	TX	(8C167)			BCW62	01
BCW82A	S	N	TX	(8C167A)				01
BCW82B	S	N	TX	(8C167B)			BCW63	01
BCW83	S	N	TX	(8C167)				01
BCW83A	S	N	TX	(8C167A)				01
BCW83B	S	N	TX	(8C167B)				01
BCW83C	S	N	TX	(8C167B)				01

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
BCW84	S	N	TX	(BC169)			BCW64	01
BCW84B	S	N	TX	(BC169B)				01
BCW84C	S	N	TX	(BC169C)				01
BCW85	S	P	TX	BCY77VII	BC307	2N2907A	BCY85	01
BCW86	S	P	TX	BCY77VIII	BC177A	2N6015	BCY86	01
BCW86				BC307				01
BCW90	S	N	SB, Ss, ML, SE	BC337			BCW92	01
BCW90A	S	N	SB, SE	BC337-16	BC338	2N5818	BCW92A	01
BCW90B	S	N	SB, SE	BC337-25	BC338	2N5818	BCW92B	01
BCW90C	S	N	SE	BC338		2N5818		01
BCW90K	S	N	SB, Ss, ML, SE	(BC337)			BCW92K	01
BCW90KA	S	N	SB, SE	(BC337-16)	BFY50	2N2297	BCW92KA	01
BCW90KB	S	N	SB, SE	(BC337-25)	BFY50	2N2297	BCW92KB	01
BCW90KC	S	N	SB, SE	(BC337-40)	BFY50	2N2297		01
BCW91	S	N	SB, Ss, ML, SE	(BC337)			BCW93	01
BCW91A	S	N	SB, SE	(BC337-16)	BC338	2N5818	BCW93A	01
BCW91B	S	N	SB, SE	(BC337-25)	BC338	2N5818	BCW93B	01
BCW91K	S	N	SB, Ss, ML, SE	(BC337)			BCW93K	01
BCW91KA	S	N	SB, SE	(BC337-16)	BFY50	2N2297	BCW93KA	01
BCW91KB	S	N	SB, SE	(BC337-25)	BFY50	2N2297	BCW93KB	01
BCW92	S	P	SB, Ss, ML, SE	BC327			BCW90	01
BCW92A	S	P	SB, SE	(BC327-16)	BC328	2N5819	BCW91A	01
BCW92B	S	P	SB, SE	BC327-25	BC328	2N5819	BCW91B	01
BCW92K	S	P	SB, Ss, ML, SE	(BC327)			BCW90K	01
BCW92KA	S	P	SB, SE	(BC327-16)	BFS95	2N4036	BCW90KA	01
BCW92KB	S	P	SB, SE	BC327-25	BFS95	2N5819	BCW90KB	01
BCW93	S	P	SB, Ss, ML, SE	(BC327)			BCW91	01
BCW93A	S	P	SB, SE	(BC327-16)	BC327	2N5819	BCW91A	01
BCW93B	S	P	SB, SE	(BC327-25)	BC327	2N5819	BCW91B	01
BCW93K	S	P	SB, Ss, ML, SE	(BC327)			BCW91K	01
BCW93KA	S	P	SB, SE	(BC327-16)	BFS95	2N4036	BCW91KA	01
BCW93KB	S	P	SB, SE	(BC327-25)	BFS95	2N4036	BCW91KB	01
BCW94	S	N	SB, Ss, ML, SE	BC337			BCW96	01
BCW94A	S	N	SB, SE	BC337-16	BC337	2N5818	BCW96A	01
BCW94B	S	N	SB, SE	BC337-25	BC337	2N5818	BCW96B	01
BCW94C	S	N	SB, SE	BC337-40	BC337	2N5818		01
BCW94K	S	N	SB, Ss, ML, SE	BC337			BCW96K	01
BCW94KA	S	N	SB, SE	BC337-16	BFY50	2N2297	BCW96KA	01
BCW94KB	S	N	SB, SE	BC337-25	BFY50	2N2297	BCW96KB	01
BCW94KC	S	N	SB, SE	BC337-40	BFY50	2N2297		01
BCW95	S	N	SB, Ss, ML, SE	(BC337)			BCW97	01
BCW95A	S	N	SB, SE	(BC337-16)	BC337	2N5818	BCW97A	01
BCW95B	S	N	SB, SE	BC337-25	BC338	2N5818	BCW97B	01
BCW95K	S	N	SB, Ss, ML, SE	(BC337)			BCW97K	01
BCW95KA	S	N	SB, SE	(BC337-16)	BFY50	2N2297	BCW97KA	01
BCW95KB	S	N	SB, SE	BC337-25	BFY50	2N2297	BCW97KB	01
BCW96	S	P	SB, Ss, ML, SE	BC327			BCW94	01
BCW96A	S	P	SB, SE	BC327-16	BC327	2N5819	BCW94A	01
BCW96B	S	P	SB, SE	BC327-25	BC327	2N5819	BCW94B	01
BCW96K	S	P	SB, Ss, ML, SE	BC327			BCW94K	01
BCW96KA	S	P	SB, SE	BC327-16	BFS95	2N4036	BCW94KA	01
BCW96KB	S	P	SB, SE	BC327-25	BFS95	2N4036	BCW94KB	01
BCW97	S	P	SB, Ss, ML, SE	(BC327)			BCW95	01
BCW97A	S	P	SB, SE	(BC327-16)	BC327	2N5819	BCW95A	01
BCW97B	S	P	SB, SE	(BC327-25)	BC327	2N5819	BCW95B	01
BCW97K	S	P	SB, Ss, ML, SE	(BC327)			BCW95K	01
BCW97KA	S	P	SB, SE	(BC327-16)	BFS95	2N4036	BCW95KA	01
BCW97KB	S	P	SB, SE	(BC327-25)	BFS95	2N4036	BCW95KB	01
BCW98	S	N	TF	(BC123)			BCW99	01
BCW98A	S	N	TF	(BC123ye)			BCW99A	01
BCW98B	S	N	TF	(BC123gn)			BCW99B	01
BCW98C	S	N	TF	(BC123gn)			BCW99C	01
BCW98D	S	N	TF	(BC123bl)				01
BCW99	S	P	TF	(BC203ye)			BCW98	01
BCW99A	S	P	TF	(BC203ye)			BCW98A	01
BCW99B	S	P	TF	(BC203gn)			BCW98B	01
BCW99C	S	P	TF	(BC203gn)			BCW98C	01
BCX10	S	P	AT	BC161-6				01
BCX17	S	P	MU, V, PH	BCW68			BCX19	01
BCX18	S	P	MU, V, PH	BCW68			BCX20	01
BCX19	S	N	MU, V, PH	BCW66			BCX17	01
BCX20	S	N	MU, V, PH	BCW66			BCX18	01
BCX40	S	N	AT	(BSX47)	BFX85	2N1893	BCX60	01
BCX40-4	S	N	AT	(BSX47-6)				01
BCX40-5	S	N	AT	(BSX47-10)				01

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
BCX40-6	S	N	AT	(BSX47-10)				01
BCX60	S	P	AT	(BSV17)	8FS93	2N4037	BCX40	01
BCX60-4	S	P	AT	(BSV17-6)				01
BCX60-5	S	P	AT	(BSV17-10)				01
BCX60-6	S	P	AT	(BSV17-10)				01
BCY10	S	P	PH, PE, V	(BC327-16)	BCY32	2N1475		01
BCY11	S	P	PH, PE, V	(BC327-16)	BCY32	2N1475		01
BCY12	S	P	PH, PE, V	(BC327-16)	BC160	2N1132	2N1475	01
BCY12	S	P	PH, PE, V	BCY32				01
BCY13	S	N	S	BCY65EVII	BSW66	2N2219	2N1893	01
BCY14	S	N	S	(BF457)	BFY13	2N2219	2N1893	01
BCY14	S	N	S	BSW66				01
BCY15	S	N	S	BCY65EVII	BFY14	2N2219	2N1893	01
BCY15	S	N	S	BSW66				01
BCY16	S	N	S	(BF457)	BFY14	2N2219	2N1893	01
BCY16	S	P	TA, S	BSY18	BSW66			01
BCY17	S	P	TA, S	(BC307A)	BCY12	2N4036		01
BCY17	S	P	TA, S	BCY34	BSF95			01
BCY18	S	P	TA, S	(BC307A)	BCY12	2N4036		01
BCY18	S	P	TA, S	BCZ11	BSF95			01
BCY19	S	P	TA, S	(BC212A)	BCY11	2N1475		01
BCY19	S	P	TA, S	BCY31	BCZ12			01
BCY19	S	P	TA, S	BCY32				01
BCY20	S	P	TA, S	(BC212A)	BCY30	2N1475		01
BCY20	S	P	TA, S	BCY32				01
BCY21	S	P	TA	(BC212A)	BCY32	2N1475		01
BCY22	S	P	TA	(BC212A)	BSV68	2N3497		01
BCY23	S	P	TA	(BC308A)	BCY32	2N1475		01
BCY24	S	P	TA	(BC308A)	BCY32	2N1475		01
BCY25	S	P	TA	(BC308A)	BCY32	2N1475		01
BCY26	S	P	TA	(BC307A)	BCY32	2N1475		01
BCY27	S	P	TA, S	(BC308A)	BCY31	2N1475		01
BCY27	S	P	TA, S	BCZ10	BCY32			01
BCY28	S	P	TA, S	(BC308A)	BCY31	2N1475		01
BCY28	S	P	TA, S	BCY32	BCZ11			01
BCY29	S	P	TA, S	(BC212A)	BCY30	2N1475		01
BCY29	S	P	TA, S	BCY32	BCZ12			01
BCY30	S	P	MU, PH, V, PE	BCW56A	(BC212A)	2N1475		01
BCY30	S	P	MU, PH, V, PE	BCY29	BCY32			01
BCY31	S	P	MU, PH, V, PE	BCW56A	(BC212A)	2N1475		01
BCY31	S	P	MU, PH, V, PE, TA	BCY32	BCY27			01
BCY31	S	P	MU, PH, V, PE, TA	BCY28				01
BCY32	S	P	MU, PH, V, PE, TA	(BC212A)		2N1475		01
BCY33	S	P	MU, PH, V, PE, TA	(BC213A)	BCY32	2N1475		01
BCY34	S	P	MU, PH, V, PE, TA	(BC308A)	BCY78VII			01
BCY34	S	P	MU, PH, V, PE, TA	BC177	BCY17			01
BCY34	S	P	MU, PH, V, PE, TA	BC261	BCY27			01
BCY34	S	P	MU, PH, V, PE, TA	BCY32				01
BCY38	S	P	MU, PH, V, PE	(BC328-16)	BCY32	2N1475		01
BCY39	S	P	MU, PH, V, PE	(BC327-16)	BC161	2N2904A	2N2904	01
BCY39	S	P	MU, PH, V, PE	BCY32		2N1475		01
BCY40	S	P	MU, PH, V, RA, PE	(BC328-16)	BCY32	2N4037		01
BCY42	S	N	F, SG, IT, TX	BC107A	BC237A	2N929		01
BCY42	S	N	F, SG, IT, TX	BC107				01
BCY43	S	N	F, SG, MU, IT, TX	BC107A	BC237A	2N930		01
BCY43	S	N	F, SG, MU, IT, TX	BC109				01
BCY49	S	P	MU	(BC308A)	BCY32	2N1475		01
BCY50	S	N	IN, IT	BC107	BC238A	MPS6520	A157	01
BCY50	S	N	IN, IT	BC183	BC108A			01
BCY50	S	N	IN, IT	BC108B	BC183B			01
BCY50	S	N	IN, IT	BC238A	BC108B			01
BCY50	S	N	IN, IT	BC183B	BC109B			01
BCY50	S	N	IN, IT	BC239B	BC109B			01
BCY50	S	N	IN, IT	BC184B				01
BCY51	S	N	IN, IT	BC108A	BC238A	MPS6520	A157	01
BCY51	S	N	IN, IT	BC183	BC107			01
BCY51	S	N	IN, IT	BC183B	BC107B			01
BCY51	S	N	IN, IT	BC238A	BC107B			01
BCY51	S	N	IN, IT	BC182B				01
BCY51r	S	N	IN, IT	BC184	BC239B	MPS6521		01
BCY51r	S	N	IN, IT	BC184B	BC109			01
BCY51r	S	N	IN, IT	BC109B				01
BCY54	S	P	MU, PH, V, RA, PE	(BC327-16)	BCY32	2N4036	2N1475	01
BCY55	S	N	PH, MU, V			2N2060B	2N2642	01
BCY56	S	N	PH, MN, RA, TX, V	BC414B	BC107	FT107B	SE4021	01

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
BCY56					2N2484	2N929		01
BCY57	S	N	PH, V, MN, RA, TX	BC182A	BC413C	FT107A	SE4022	2SC648
BCY57				BC109	BCY58	2N3568	2N2921	01
BCY57				BC107A		2N930		01
BCY58	S	N	PH, S, TF, V, IN	BCY58X	AM261	MPS6566	SE4022	2SC907
BCY58				BC182B	BC107B	FT107A	2N3568	01
BCY58				BFY44				01
BCY58A	S	N	IN, TX	BCY58VII	BC107	A157		BCY78
BCY58B	S	N	IN, TX	BCY58VIII	BC107	A157		01
BCY58C	S	N	IN, TX	BCY58IX	BC109	2N930		01
BCY58D	S	N	PH, S, TF, V	BCY58X	BC109	2N930		01
BCY58-7	S	N	PH, S, TF, V	BFX95		2N2222A		01
BCY58-8	S	N	PH, S, TF, V	BFX95		2N2222A		01
BCY58-9	S	N	PH, S, TF, V	BFX95		2N2222A		01
BCY58-10	S	N	PH, S, TF, V	BFX95		2N2222A		01
BCY59	S	N	PH, S, TF, V, IN	BCY59VII	AM262	MPS6566	2N2222A	01
BCY59				BC182B	BC107B	SE4021	FT107B	01
BCY59				BFX95				01
BCY59A	S	N	IN, SG, TX	BCY59VII	BC107	A157		01
BCY59B	S	N	IN, SG, TX	BCY59VIII	BC107	A157		01
BCY59C	S	N	IN, SG, TX	BCY59IX	BC109	2N930		01
BCY59D	S	N	IN, SG, TX	BCY59X	BC109	2N930		01
BCY59-7	S	N	PH, S, TF, V	BFX95		2N2222A		01
BCY59-8	S	N	PH, S, TF, V	BFX95		2N2222A		01
BCY59-9	S	N	PH, S, TF, V	BFX95		2N2222A		01
BCY59-10	S	N	PH, S, TF, V	BFX95		2N2222A		01
BCY65	S	N	V, TX	BCY65E	BC107B	2N2484	2N2483	2SC648
BCY65				BFX95		F T107C	SE4020	01
BCY65E	S	N	S	BFX95		2N2222A		01
BCY65E7	S	N	S	BFX95		2N2222A		01
BCY65E8	S	N	S	BFX95		2N2222A		01
BCY65E9	S	N	S	BFX95		2N2222A		01
BCY65VII	S	N	V	BCY65EVII				01
BCY65VIII	S	N	V	BCY65EVIII				01
BCY65IX	S	N	V	BCY65EIX				01
BCY66	S	N	S	BC109	BC107	FT107B	SE4021	2SC648
BCY66				BCY69VIII	BC107B	2N930		01
BCY67	S	P	S	BCY71		2N3965		01
BCY69	S	N	SB, Ss, ML, SE	BC238C	BC109	2N930		01
BCY70	S	P	MU, PH, V, TX, ME-	BCY77	BC177	2N3964	2N2907	2SA549
BCY70			NS, NT, PE, RA, SG	BC261	BC212	2N3965		01
BCY70			IT	BCY79	BC204			01
BCY71	S	P	MU, PH, V, IT, ME-	BC416A		2N2907	2N3964	01
BCY71			NS, NT, PE, RA, TX			2N3965		01
BCY71			SG					01
BCY71A	S	P	MU, PH, V, IT, ME-	BC416B	BCY71	2N3965		01
BCY71A			NS					01
BCY72	S	P	MU, PH, V, IT, ME-	BCY78VII	BCY70	2N3964	2N2907	01
BCY72			NS, NT, PE, RA, SG-			2N3965		01
BCY72			TX					01
BCY78	S	P	S, PH, TF, V	BC2138	BC177	2N3964	2N3965	BCY58A
BCY78A	S	P	IN	BCY78VII	BC177	2N3964		BCY59
BCY78B	S	P	IN	BCY78VIII	BC179	2N3965		BCY59
BCY78C	S	P	IN	BCY78IX	BC179	2N3965		BCY59
BCY78D	S	P	IN	BCY78X	BC179	2N3965		BCY59
BCY78-7	S	P	PH, S, TF, V	BC177		2N3965		01
BCY78-8	S	P	PH, S, TF, V	BC179		2N3965		01
BCY78-9	S	P	PH, S, TF, V	BC179		2N3965		01
BCY78-10	S	P	PH, S, TF, V	BC179		2N3965		01
BCY79	S	P	PH, S, TF, V	BC177		2N3964	2N3965	01
BCY79A	S	P	IN	BCY79VII	BC177	2N3965		BCY65E
BCY79B	S	P	IN	BCY79VIII	BC179	2N3965		BCY65E
BCY79C	S	P	IN	BCY79IX	BC179	2N3965		BCY65E
BCY79-7	S	P	PH, S, TF, V	BC177		2N3965		01
BCY79-8	S	P	PH, S, TF, V	BC179		2N3965		01
BCY79-9	S	P	PH, S, TF, V	BC179		2N3965		01
BCY85	S	N	TX	(BCY65EVIII)				BCW85
BCY85A	S	N	TX	(BCY65EVIII)				01
BCY85B	S	N	TX	BCY65EIX				01
BCY86	S	N	TX	BCY65EVIX				BCW86
BCY86A	S	N	TX	(BCY65EVIII)				01
BCY86B	S	N	TX	(BCY65EIX)				01
BCY90	S	P	TA	(BC307A)				01
BCY90B	S	P	TA	(BC307A)				01
BCY91	S	P	TA	(BC307A)				01

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
BCY918	S	P	TA	(BC307A)				01
BCY92	S	P	TA	(BC307A)				01
BCY928	S	P	TA	(BC307A)				01
BCY93	S	P	TA	(BCY77V/II)				01
BCY938	S	P	TA	(BCY77V/II)				01
BCY94	S	P	TA	(BCY77V/II)				01
BCY94B	S	P	TA	(BCY77V/II)				01
BCY95	S	P	TA	(BCY77V/II)				01
BCY95B	S	P	TA	(BCY77V/II)				01
BCY96	S	P	TA	(BCY77V/II)				01
BCY96B	S	P	TA	(BCY77V/II)				01
BCY97	S	P	TA	(BCY77V/II)				01
BCY97B	S	P	TA	(BCY77V/II)				01
BCY98B	S	P	TA	(BC307A)				01
BCZ10	S	P	MU, PE, RA, V, PH	BCY34	BCY32	2N1475		01
BCZ10				BCY17	(BC308A)			01
BCZ10				BC281	BCY27			01
BCZ10				BC212				01
BCZ11	S	P	MU, PH, PE, RA, V	BC177	BCY32	2N1475		01
BCZ11				(BC308A)	BC261			01
BCZ11				BCY18	BC212			01
BCZ11				BCY28	BC204			01
BCZ12	S	P	MU, PH, PE, RA, V	BCY31	(BCY77V/II)	2N1475		01
BCZ12				BCY32	BCY19			01
BCZ12				BCY29				01
BCZ13	S	P	V	BCY33	(BC308A)			01
BCZ13				BC178	BCY27			01
BCZ13				BC261	BC213			01
BCZ14	S	P	V	BC178	(BC308A)			01
BCZ14				BC261	BCY28			01
BCZ14				BC213				01
BCZ14				BC205				01
BD106	S	N	IN, IT	BDY12	BD107	2N4910		06
BD106A	S	N	IN, IT	BD124	BDY12-10	2N3054	2SC830	06
BD106A				BD109C	BCY47A			06
BD106A				BD106	BDY34			06
BD106A				BD107				06
BD106B	S	N	IN, IT	BD124	BDY12-16		2SC830	06
BD106B				BCY47A	BD109D			06
BD106B				BD106	BDY34			06
BD106B				BD107				06
BD107	S	N	IN, IT	BDY13		2N4911	2N4912	06
BD107A	S	N	IN	BCY47A	BDY13-10	2N3054	2SC830	06
BD107A				BD107	BDY34			06
BD107A				BD124				06
BD107B	S	N	IN	BDY13-16	BD107		2SC830	06
BD109	S	N	S	BD124	BDY12	2N3054	2SC830	06
BD109				BD107	BDY39			06
BD109				BDY34				06
BD109B	S	N	S	BDY12-6				06
BD109C	S	N	S	BDY12-10				06
BC109D	S	N	S	BDY12-16				06
BD109-6	S	N	S	BDY12-6				06
BD109-10	S	N	S	BDY12-10				06
BD109-16	S	N	S	BDY12-16				06
BD111	S	N	AT, SG	BDY72	(BU310)	2N3054	2SC681A	06
BD111				BD107	BDY39			06
BD111				BDY34				06
BD111A	S	N	AT, SG	(BU310)		2N3715		06
BD112	S	N	SG, AT	(BU310)	BDY39		2SC830	06
BD113	S	N	SG, AT	(BU310)	BDY39			06
BD113				BD145				06
BD115	S	N	MU, PH, V, RT, TX	BF179C	(BF458)		2SC1546	06
BD115	S	N	AM, PE, RA	BD127	BF258			06
BD115				BF115	SFB258			06
BD116	S	N	SG, AT	BD145	(BU310)	2N3055		06
BD116				BD117	BDY13			06
BD116				AM291	BD127			06
BD117	S	N	AT, SG	AM291	(BU310)	2N3713	2N3055	2SC1030
BD117				BDY39	BD127			06
BD118	S	N	SG, AT	BD145	(BU310)	2N3055		06
BD118				AM291	BD130			06
BD118				BD127				06
BD119	S	N	SG, AT	BU111	BD127			06
BD120	S	N	SG, AT	(BU114)	BU110			06

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
BD121	S	N	MU, SQ, V	AM291	(BU310)	2N3055				06
BD121				BD130	BD111					06
BD123	S	N	MU, SQ, V	(BU310)	BD130	2N3055				06
BD123				AM291						06
BD124	S	N	MU, PH, PE, RA, V	(BU310)	BDY13	2N3054	2N3055			06
BD124				BD107						06
BD127	S	N	TF	BD232	(6F459)	FT48				06
BD127				BU111	BF458					06
BD128	S	N	TF	(BF459)	BU111	FT49				06
BD128				BD232						06
BD129	S	N	TF	(BF459)	BU111	FT50				06
BD129				BD232						06
BD130	S	N	S	AM291	BDX10	2N3055		25C1030		06
BD130				BDY20						06
BC131	S	N	MU, PH, V, AM	(BD441)	BD237	2N4923			BD132	06
BD132	S	P	MU, PH, V, AM	(BD438)	BD238	2N4920				06
BD133	S	N	MU, PH	(BD441)	BD237	2N4923			BD131	06
BD135	S	N	IN, S, TF, V	BD169	SDA345	2N4923				06
BD135				BD137	BC429					06
BD136	S	P	IN, S, TF, V, AM -	SDA445	BD430	TIP30	2N4920		BD135	06
BD136				BD140						06
BD137	S	N	IN, S, TF, V, AM -	SDA345	BC429A	TIP29A	2N4923		BD138	06
BD137				BD169	BD169					06
BD138	S	P	IN, S, TF, V, AM -	SDB445	BC430A	TIP30A	2N4920		BD137	06
BD138				BD140						06
BD139	S	N	MU, PH, RA -	SD345	BD169	TIP29B	2N4923		BD140	06
BD139										06
BD140	S	P	IN, S, TF, V, AM -	SD445		TIP30B	2N4920		BD139	06
BD140										06
BD141	S	N	AT			2N5631	2N4347			06
BD141										06
BD142	S	N	AT, MO	AM291	BDX10	2N3442	2N3055			06
BD142				BDY20		2N6569				06
BD142-4	S	N	AT			2N3055				06
BD142-5	S	N	AT			2N3055				06
BD142-6	S	N	AT			2N3055				06
BD142-7	S	N	AT			2N3055				06
BD144	S	N	MU, PH, V, AM	8UY77	BUX18C					06
BD145	S	N	V, RA, MU	(BU310)						06
BD148	S	N	S	BDY71		2N3054				06
BD148-6	S	N	S			2N3054				06
BD148-10	S	N	S			2N3054				06
BD148-16	S	N	S			2N3054				06
BD149	S	N	S	BDY71		2N3054				06
BD149-6	S	N	S			2N3054				06
BD149-10	S	N	S			2N3054				06
BD150	S	N	SG	(BF459)		2N3440				06
BD150A	S	N	SG, AT	(BF458)						06
BD150B	S	N	SG, AT	(BF458)						06
BD150C	S	N	SG, AT	(BF459)						06
BD151	S	P	MO	BD436	BD238	2N4920			BD153	06
BD152	S	P	MO	BD440					BD154	06
BD153	S	N	MO	BD441	BD589	2N6123			BD151	06
BD154	S	N	MO	BD435	BD589	2N6123			BD152	06
BD155	S	N	MO	BD439	BD589	2N6123			BD156	06
BD156	S	P	MO	BD442	BD238	2N4920			BD155	06
BD157	S	N	MO, SB, SE	(BF459)	BD410	FT47				06
BD158	S	N	MO, SB, SE	BD410	(BF459)	FT48				06
BD158				BD232						06
BD159	S	N	MO, SB, SE	(BF459)	BD410	FT49				06
BD159				BD232						06
BD160	S	N	MU, PH, RT	BUY77		2N6510				06
BD161	S	N	AT			2N3054				06
BD162	S	N	AT, SG			2N3054	40250			06
BD162						2N4910				06
BD163	S	N	AT, SG			2N5054	2N3054			06
BD163						2N6260	2N4910			06
BD165	S	N	MO, TF, V	BD437	BC429	TIP29	2N4923		BD166	06
BD165				BD169					BD166	06
BD166	S	P	MO, TF, V	BD438	BC430	TIP30	2N4920		BD165	06
BD166				BD140						06
BD167	S	N	MO, TF, V	BD439	BD169	TIP29A	2N4923		BD168	06
BD168	S	P	MO, TF, V	BD440	BD140	TIP30A	2N4920		BD167	06
BD169	S	N	MO, TF, V	BD441		TIP29B	2N4923		BD170	06
BD170	S	P	MO, TF, V	BD442	BD238	TIP30B	2N4920		BD169	06

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
8D171	S	N	MO	(8F457)	8D232					06
8D172	S	N	MO	(8F457)	8D232					06
8D173	S	N	MO	(8F458)	8D232					06
8D175	S	N	MO, TF	8D437	8D237	2N6121	2N4923		8D176	06
8D176	S	P	MO, TF	8D438	8D238	2N6124	2N4920		8D175	06
8D177	S	N	MO, TF	8D439	8D237	TIF29A	2N4923		8D178	06
8D178	S	P	MO, TF	8D440	8D238	TIF30A	2N4920		8D177	06
8D179	S	N	MO, TF	8D441	8D237	TIF29B	2N4923		8D180	06
8D180	S	P	MO, TF	8D442	8D238	TIF30B	2N4920		8D179	06
8D181	S	N	MU, PH, V	8DY20		2N4913	2N3055			06
8D182	S	N	MU, PH, V	8DY20		2N3055				06
8D183	S	N	MU, PH, V, AM	8DX50		2N3442	2N3716			06
8D183						2N3773				06
8D184	S	N	MU			2N3442				06
8D185	S	N	MO, TF	8D441	8D221	2N5192			8D186	06
8D185				8D239	8D437					06
8D186	S	P	MO, TF	8D442	8D224	2N5195			8D185	06
8D186				8D438	8D240					06
8D187	S	N	MO, TF	8D439	8D239	2N6121	2N5192		8D188	06
8D187				8D441						06
8D188	S	P	MO, TF	8D440	8D240	2N6124	2N5195		8D187	06
8D188				8D442						06
8D189	S	N	MO, TF	8D222	8D239A	2N5192			8D190	06
8D189				8D441						06
8D190	S	P	MO, TF	8D442	8D225	2N5195			8D189	06
8D190				8D240A	8D240					06
8D191	S	N	AT, SG			(2N3055)	2N3054			06
8D191-4	S	N	AT			(2N3055)				06
8D191-5	S	N	AT			(2N3055)				06
8D191-6	S	N	AT			(2N3055)				06
8D191-7	S	N	AT			(2N3055)				06
8D192	S	N	AT			(2N3055)	2N6260			06
8D192-4	S	N	AT			(2N3055)				06
8D192-5	S	N	AT			(2N3055)				06
8D192-6	S	N	AT			(2N3055)				06
8D192-7	S	N	AT			(2N3055)				06
8D193	S	N	AT			(2N3442)				06
8D193-4	S	N	AT			(2N3442)				06
8D193-5	S	N	AT			(2N3442)				06
8D193-6	S	N	AT			(2N3442)				06
8D193-7	S	N	AT			(2N3442)				06
8D195	S	N	MO	(8D437)	8D243	2N6129	2N6123		8D196	06
8D195				8D589						06
8D196	S	P	MO	(8D438)	8D244	2N6132	2N6134		8D195	06
8D196				8DX78						06
8D197	S	N	MO	8D439	8D243A	2N6129	2N6123		8D198	06
8D197				8D589						06
8D198	S	P	MO	(8D440)	8D244A	2N6132	2N6134		8D197	06
8D198				8DX78						06
8D199	S	N	MO	(8D441)	8D243B	2N6130	2N6123		8D200	06
8D199				8D589						06
8D200	S	P	MO	(8D442)	8D244B	2N6133	2N6134		8D199	06
8D200				8DX78						06
8D201	S	N	MU, PH, V, RA	(8D439)	8D243	2N6101			8D202	06
8D201				8DX73						06
8D202	S	P	MU, PH, V, RA	(8D440)	8D244	2N6134			8D201	06
8D202				8DX78						06
8D203	S	N	MU, PH, V, RA	(8D439)	8D243A	2N6101			8D204	06
8D203				8DX73						06
8D204	S	P	MU, PH, V, RA	(8D440)	8D244A	2N6134			8D203	06
8D204				8DX78						06
8D205	S	N	MO	8DX73		2N6569	2N6486		8D206	06
8D205						2N6101				06
8D206	S	P	MO	8DX78		2N6489	2N6134		8D205	06
8D207	S	N	MO	8DX73		FT3055	2N6487		8D208	06
8D207						2N6101				06
8D208	S	P	MO	8DX78		2N6490	FT2955		8D207	06
8D208						2N6134				06
8D213	S	N	TF	8D213-8						06
8D213-45	S	N	TF	8D213-8		2N6486			8D214-45	06
8D213-60	S	N	TF	8D213-8					8D214-60	06
8D213-80	S	N	TF	8D213-8		FT3055	2N6487		8D214-80	06
8D214	S	P	TF	8D214-8						06
8D214-45	S	P	TF	8D214-8		2N6489			8D213-45	06
8D214-60	S	P	TF	8D214-8		FT2955	2N6490		8D213-60	06

TYPE	M/S	FOL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
BD214-80	S	P	TF	BD214-8	2N6419		BD213-80	06
BD215	S	N	SG, AT	(8UY78)	2N3584			06
BD216	S	N	SG, AT	(8UY77)	2N3585			06
BD220	S	N	F	BD441	2N6123		BD223	06
BD221	S	N	F	BD439	BD589		BD224	06
					BD589			
BD222	S	N	F	BD441	BD589	2N6123	BD225	06
BD223	S	P	F	BD442	BD590	2N6126	BD220	06
BD224	S	P	F	BD440	BD590	2N6126	BD221	06
BD225	S	P	F	BD442	BD590	2N6126	BD222	06
BD226	S	N	PH, V, AM	BD135	BD589	2N6123	BD227	06
BD227	S	P	PH, V, AM	BD136	BD590	2N6126	BD226	06
BD228	S	N	PH, V, AM	BD137	BD589	2N6123	BD229	06
BD229	S	P	PH, V, AM	BD138	BD590	2N6126	BD228	06
BD230	S	N	PH, V, AM	BD139	BD589	2N6123	BD231	06
BD231	S	P	PH, V, AM	BD140	BD590	2N6126	BD230	06
BD232	S	N	MU, PH, V, AM	(8F459)				06
BD233	S	N	PH, TF, V, S, MO	BD437	BD237	TIP29	BD234	06
BD234	S	P	PH, TF, V, S, MO	BD438	BD238	TIP30	BD233	06
BD235	S	N	PH, TF, V, S, MO	BD439	BD237	TIP29A	BD236	06
BD236	S	P	PH, TF, V, S, MO	BD440	BD238	TIP30A	BD235	06
BD237	S	N	PH, TF, V, S, MO	BD441		TIP29B	BD238	06
BD238	S	P	PH, TF, V, S, MO	BD442		TIP30B	BD237	06
BD239	S	N	TX	BD437		2N6121	BD240	06
BD239A	S	N	TX	BD439		2N6122	BD240A	06
BD239B	S	N	TX	BD441		2N6123	BD240B	06
BD239C	S	N	TX	(8D441)			BD240C	06
BD240	S	P	TX	BD438		2N6124	BD239	06
BD240A	S	P	TX	BD440		2N6125	BD239A	06
BD240B	S	P	TX	BD442		2N6126	BD239B	06
BD240C	S	P	TX	(8D442)			BD239C	06
BD241	S	N	TX	BD437		2N6121	BD242	06
BD241A	S	N	TX	BD439		2N6122	BD242A	06
BD241B	S	N	TX	BD441		2N6123	BD242B	06
BD241C	S	N	TX	(8D441)			BD242C	06
BD242	S	P	TX	BD438		2N6124	BD241	06
BD242A	S	P	TX	BD440		2N6125	BD241A	06
BD242B	S	P	TX	BD442		2N6126	BD241B	06
BD242C	S	P	TX	(8D442)			BD241C	06
BD243	S	N	TX	(8D437)			BD244	06
BD243A	S	N	TX	(8D439)			BD244A	06
BD243B	S	N	TX	(8D441)			BD244B	06
BD243C	S	N	TX	(8D441)			BD244C	06
BD244	S	P	TX	(8D438)			BD243	06
BD244A	S	P	TX	(8D440)			BD243A	06
BD244B	S	P	TX	(8D442)			BD243B	06
BD244C	S	P	TX	(8D442)			BD243C	06
BD245	S	N	TX			2N6486	BD246	06
BD245A	S	N	TX			2N6487	BD246A	06
BD245B	S	N	TX			2N6488	BD246B	06
BD246	S	P	TX			2N6489	BD245	06
BD246A	S	P	TX			2N6490	BD245A	06
BD246B	S	P	TX			2N6491	BD245B	06
BD251	S	N	SG, AT	(8U310)				06
BD253	S	N	TX	8UY77	BUX188			06
BD253A	S	N	TX	8UY78	BUX18C			06
BD253B	S	N	TX	8UY79	8U126			06
BD253C	S	N	TX	(8UY79)		TA8764		06
BD257	S	N	TF	BD257-1				06
BD257-45	S	N	TF	BD257-1				06
BD257-60	S	N	TF	BD257-1				06
BD257-80	S	N	TF	BD257-1				06
BD257-100	S	N	TF	BD257-1				06
BD258	S	P	TF	BD258-1				06
BD258-45	S	P	TF	BD258-1				06
BD258-60	S	P	TF	BD258-1				06
BD258-80	S	P	TF	BD258-1				06
BD258-100	S	P	TF	BD258-1				06
BD260	S	N	AT, SG	(8U310)		FT401		06
BD261	S	N	AT, SG	(8U310)		FT411	2N3584	06
BD262	SD	P	MU, PH, V, RA	BD646				06
BD262A	SD	P	MU, PH, V, RA	BD648				06
BD262B	SD	P	RA, V, PH	BD650				06
BD262L	SD	P	RA					06
BD264	SD	P	MU, PH, V, RA	BD646		RCAB203A	BD265	06
BD264A	SD	P	MU, PH, V, RT, RA	BD648		RCAB203B		06

TYPE	M/S	POI	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
BD284B	SD	P	RA, PH, MU, V	BD650	BDX34C			06
BD264L	SD	P	RA	BD644				06
BD265	SD	N	MU, PH, V, RA	BD647		2N6387	BD264	06
BD265A	SD	N	MU, PH, V, RA	BD647		2N6388		06
BD265B	SD	N	RA, PH, V	BD649	BDX33C			06
BD265L	SD	N	RA	BD645				06
BD266	SD	P	MU, PH, V, RA	BD646	BDX34A		BD267	06
BD266A	SD	P	MU, PH, V, RA	BD648	BDX34B			06
BD266B	SD	P	RA, PH, V	BD650	BDX34C			06
BD266L	SD	P	RA	BD644				06
BD267	SD	N	MU, PH, V, RA	BD647	BDX33A		BD266	06
BD267A	SD	N	MU, PH, V, RA	BD647	BDX33B			06
BD267B	SD	N	RA, PH, V	BD649	BDX33C			06
BD267L	SD	N	RA	BD645				06
BD268	SD	P	RA	BDX34A			BD269	06
BD268A	SD	P	RA	BDX34B			BD269A	06
BD269	SD	N	RA	BDX33A			BD268	06
BD269A	SD	N	RA	BDX33B			BD268A	06
BD271	S	N	PH, V, RA	BD439	BD241		BD272	06
BD272	S	P	PH, V, RA	BD440	BD242		BD271	06
BD273	S	N	PH, V, RA	BD441	BD241A		BD274	06
BD274	S	P	PH, V, RA	BD442	BD242A		BD273	06
BD275	S	N	PH, V, RA	BD441	BD241B		BD276	06
BD276	S	P	PH, V, RA	BD442	BD242B		BD275	06
BD281	S	N	AT	BD433			BD282	06
BD282	S	P	AT	BD434			BD281	06
BD283	S	N	AT	BD221	BD435		BD284	06
BD284	S	P	AT	BD224	BD436		BD283	06
BD285	S	N	AT	BD437		2N6121	BD286	06
BD286	S	P	AT	BD438		2N6124	BD285	06
BD291	S	N	PH, V	BD243			BD292	06
BD292	S	P	PH, V	BD244			BD291	06
BD293	S	N	PH, V	BD243A			BD294	06
BD294	S	P	PH, V	BD244A			BD293	06
BD301	S	N	SB, SE	(BD439)	BD243	2N6123	BD302	06
BD301	S	P	SB, SE	BD589				06
BD302	S	P	SB, SE	(BD440)	BD244	2N6126	BD301	06
BD302	S	N	SB, SE	BD590				06
BD303	S	N	SB, SE	(BD439)	BD243A	2N6123	BD304	06
BD303	S	P	SB, SE	BD589				06
BD304	S	P	SB, SE	(BD440)	BD244A	2N6126	BD303	06
BD304	S	N	IN	BD590				06
BD306	S	N	IN	(BD437)				06
BD306A	S	N	IN	(BD437)	BD237	2N4923		06
BD306B	S	N	IN	(BD437)	BD237	2N4923		06
BD307	S	N	IN	(BD439)				06
BD307A	S	N	IN	(BD439)	BD237	2N4923		06
BD307B	S	N	IN	(BD439)	BD237	2N4923		06
BD311	S	N	MO			2N5881		06
BD312	S	P	MO			2N5879	BD312	06
BD313	S	N	MO			2N5882	BD314	06
BD314	S	P	MO			2N5880	BD313	06
BD315	S	N	MO			2N5882	BD316	06
BD316	S	P	MO			2N5880	BD315	06
BD317	S	N	MO			2N5629	BD318	06
BD318	S	P	MO			2N6020	BD317	06
BD381	S	N	MO	BD437		2N6248	BD362	06
BD381A	S	N	MO	BD437		TIP29	BD362A	06
BD362	S	P	MO	BD438		TIP30	BD361	06
BD362A	S	P	MO	BD438		TIP30	BD361A	06
BD363A	S	N	AT	(BD439)				06
BD363B	S	N	AT	(BD439)				06
BD375	S	N	SG, AT	BD239			BD376	06
BD376	S	P	SG, AT	BD240			BD375	06
BD377	S	N	SG, AT	BD239A			BD378	06
BD378	S	P	SG, AT	BD240A			BD377	06
BD379	S	N	SG, AT	BD239B			BD380	06
BD380	S	P	SG, AT	BD240B			BD379	06
BD400	S	N	TX	BD169		2N4923		06
BD410	S	N	TX	BD232		RCP111D		06
BD433	S	N	PH, S, TF, V	BD441		2N5192		06
BD433A	S	N	S	BD441		2N5192		06
BD433B	S	N	S	BD441		2N5192		06
BD433C	S	N	S	BD441		2N5192		06
BD434	S	P	PH, S, TF, V	BD442		2N5195		06

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
BD434A	S	P S		BD442	2N5195			06
BD434B	S	P S		BD442	2N5195			06
BD434C	S	P S		BD442	2N5195			06
BD435	S	N PH, S, TF, V		BD441	2N5192			06
BD435A	S	N S		BD441	2N5192			06
BD435B	S	N S		BD441	2N5192			06
BD435C	S	N S		BD441	2N5192			06
BD436	S	P PH, S, TF, V		BD442	2N5195			06
BD436A	S	P S		BD442	2N5195			06
BD436B	S	P S		BD442	2N5195			06
BD436C	S	P S		BD442	2N5195			06
BD437	S	N PH, S, TF, V		BD441	2N5192			06
BD438	S	P PH, S, TF, V		BD442	2N5195			06
BD439	S	N S		BD441	2N5192			06
BD440	S	P S		BD442	2N5195			06
BD441	S	N S			2N5192			06
BD442	S	P S			2N5195			06
BD461	S	N TX		BD437			BD462	06
BD462	S	P TX		BD438			BD461	06
BD463	S	N TX		BD437			BD464	06
BD464	S	P TX		BD438			BD463	06
BD505	S	N MO		(BD135-16)			BD506	06
BD505-1	S	N MO		(BD135-16)				06
BD505-5	S	N MO		(BD135-16)				06
BD506	S	P MO		(BD136-16)			BD505	06
BD506-1	S	P MO		(BD136-16)				06
BD506-5	S	P MO		(BD136-16)				06
BD507	S	N MO		(BD135-16)			BD508	06
BD507-1	S	N MO		(BD135-16)				06
BD507-5	S	N MO		(BD135-16)				06
BD508	S	P MO		(BD136-16)			BD507	06
BD508-1	S	P MO		(BD136-16)				06
BD508-5	S	P MO		(BD136-16)				06
BD509	S	N MO		(BD137-10)			BD510	06
BD509-1	S	N MO		(BD137-10)				06
BD509-5	S	N MO		(BD137-10)				06
BD510	S	P MO		(BD138-10)			BD509	06
BD510-1	S	P MO		(BD138-10)				06
BD510-5	S	P MO		(BD138-10)				06
BD515	S	N MO		(BD135-10)	RCP701A		BD516	06
BD515-1	S	N MO		(BD135-10)				06
BD515-5	S	N MO		(BD135-10)				06
BD516	S	P MO		(BD136-10)	RCP700A		BD515	06
BD516-1	S	P MO		(BD136-10)				06
BD516-5	S	P MO		(BD136-10)				06
BD517	S	N MO		(BD137-10)	RCP701B		BD518	06
BD517-1	S	N MO		(BD137-10)				06
BD517-5	S	N MO		(BD137-10)				06
BD518	S	P MO		(BD138-10)	RCP700B		BD517	06
BD518-1	S	P MO		(BD138-10)				06
BD518-5	S	P MO		(BD138-10)				06
BD519	S	N MO		(BD139-10)	RCP701C		BD520	06
BD519-1	S	N MO		(BD139-10)				06
BD519-5	S	N MO		(BD139-10)				06
BD520	S	P MO		(BD140-10)	RCP700C		BD519	06
BD520-1	S	P MO		(BD140-10)				06
BD520-5	S	P MO		(BD140-10)				06
BD525	S	N MO		(BD137-10)	RCP701B		BD526	06
BD525-1	S	N MO		(BD137-10)				06
BD525-5	S	N MO		(BD137-10)				06
BD526	S	P MO		(BD138-10)	RCP700B		BD525	06
BD526-1	S	P MO		(BD138-10)				06
BD526-5	S	P MO		(BD138-10)				06
BD527	S	N MO		(BD139-10)	RCP701C		BD528	06
BD527-1	S	N MO		(BD139-10)				06
BD527-5	S	N MO		(BD139-10)				06
BD528	S	P MO		(BD140-10)	RCP700C		BD527	06
BD528-1	S	P MO		(BD140-10)				06
BD528-5	S	P MO		(BD140-10)				06
BD529	S	N MO		(BD139-10)	RCP701D		BD530	06
BD529-1	S	N MO		(BD139-10)				06
BD529-5	S	N MO		(BD139-10)				06
BD530	S	P MO		(BD140-10)	RCP700D		BD529	06
BD530-1	S	P MO		(BD140-10)				06
BD530-5	S	P MO		(BD140-10)				06

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
BD533	S	N	S, AT	(BD437)					BD534	06
BD534	S	P	S, AT	(BD438)					BD533	06
BD535	S	N	S, AT	(BD439)					BD536	06
BD536	S	P	S, AT	(BD440)					BD535	06
BD537	S	N	S, AT	(BD441)					BD538	06
BD538	S	P	S, AT	(BD442)					BD537	06
BD561	S	N	MO	BD437		2N2161			BD562	06
BD562	S	P	MO	BD438		2N2164			BD561	06
BD575	SO	N	MO	BD437	BD241	TIP29			BD576	06
BD576	SD	P	MO	BD438	BD242	TIP30			BD575	06
BD577	SO	N	MO	BD439	BD241A	TIP29A			BD578	06
BD578	SO	P	MO	BD440	BD242A	TIP30A			BD577	06
BD579	SO	N	MO	BD441	BD241B	TIP29B			BD580	06
BD580	SO	P	MO	BD442	BD242B	TIP30B			BD579	06
BD581	SD	N	MO	(BD441)					BD582	06
BD582	SD	P	MO	(BD442)	BD242C				BD581	06
BD585	S	N	MO, TF	BD437	BD241	2N6121	2N6123		BD586	06
BD585	S	P	MO, TF	BD589					BD585	06
BD586	S	P	MO, TF	BD438	BD242	2N6124	2N6126		BD585	06
BD586	S	P	MO, TF	BD590					BD586	06
BD587	S	N	MO, TF	BD439	BD241A	2N6122	2N6123		BD588	06
BD587	S	P	MO, TF	BD589					BD587	06
BD588	S	N	MO, TF	BD440	BD242A	2N6125	2N6126		BD588	06
BD588	S	P	MO, TF	BD590					BD588	06
BD589	S	N	MO, TF	BD441	BD241B	2N6123			BD590	06
BD590	S	P	MO, TF	BD442	BD242B	2N6126			BD589	06
BD591	S	N	MO	(BD441)	BD241C				BD592	06
BD592	S	P	MO	(BD442)	BD242C				BD591	06
BD595	S	N	MO, TF	(BD437)	BD243	2N6101	2N6129		BD596	06
BD595	S	P	MO, TF	BDX73					BD595	06
BD596	S	P	MO, TF	(BD438)	BD244	2N6132	2N6134		BD598	06
BD597	S	N	MO, TF	(BD439)	BD243A	2N6130	2N6101		BD598	06
BD597	S	P	MO, TF	BDX73					BD597	06
BD598	S	P	MO, TF	(BD440)	BD244A	2N6133	2N6104		BD597	06
BD598	S	P	MO, TF	BDX78					BD598	06
BD599	S	N	MO, TF	(BD441)	BD243B	2N6131	2N6101		BD600	06
BD599	S	P	MO, TF	BDX73					BD599	06
BD600	S	P	MO, TF	(BD442)	BD244B	2N6134			BD600	06
BD600	S	N	MO	BDX78					BD602	06
BD601	S	N	MO	(BD441)	BD243C				BD601	06
BD602	S	P	MO	(BD442)	BD244C				BD602	06
BD605	S	N	MO, TF			2N6486			BD606	06
BD606	S	P	MO, TF			2N6489			BD605	06
BD607	S	N	MO, TF			FT3055	2N6487		BD608	06
BD608	S	P	MO, TF			FT2955	2N6490		BD607	06
BD609	S	N	TF, MO			2N6488			BD610	06
BD610	S	P	MO, TF			2N6491			BD609	06
BD633	S	N	TX			40979			BD634	06
BD634	S	P	TX			40980			BD633	06
BD635	S	N	TX			40871			BD636	06
BD636	S	P	TX			40872			BD635	06
BD637	S	N	TX			40871			BD638	06
BD638	S	P	TX			40872			BD637	06
BD643	SD	N	PH, S, V	BDX33					BD644	06
BD644	SD	P	PH, S, V	BDX34					BD643	06
BD645	SD	N	PH, S, V	BDX33A					BD646	06
BD646	SD	P	S, V	BDX34A					BD645	06
BD647	SD	N	PH, S, V	BDX33B					BD648	06
BD648	SD	P	PH, S, V	BDX34B					BD647	06
BD661	S	N	SG, S, V			2N6486			BD661	06
BD662	S	P	SG, S, V			2N6489			BD662	06
BD663	S	N	SG			2N6486			BD663	06
BD663A	S	N	SG			2N6486			BD663A	06
BD663B	S	N	SG, AT			2N6486			BD663B	06
BD664	S	P	SG			2N6489			BD664	06
BD675A	SO	N	MO, AT	BD675					BD676A	06
BD676A	SD	P	MO, AT	BD676					BD675A	06
BD677A	SO	N	MO, AT	BD677					BD678A	06
BD678	SO	P	MO, S, TF, AT						BD677A	06
BD678A	SD	P	MO, AT	BD678					BD678A	06
BD679A	SD	N	MO, AT	BD679					BD680A	06
BD680	SO	P	MO, S, TF, AT						BD679A	06
BD680A	SD	P	MO, AT	BD680					BD680A	06
BD695	SD	N	MO, TF	BD643	BDX33				BD695	06

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
BD695A	SD	N	MO	BD643	BDX33				BD696A	06
BD696	SD	P	MO, TF	BD644	BDX34				BD695	06
BD696A	SD	P	MO	BD644	BDX34				BD695A	06
BD697	SD	N	MO, TF	BD645	BDX33A	SE9300	2N6101		BD698	06
BD697										06
BD697A	SD	N	MO	BD645	BDX33A	SE9300			BD698A	06
BD698	SD	P	MO, TF	BD646	BDX34A				BD697	06
BD698A	SD	P	MO	BD646	BDX34A				BD697A	06
BD699	SD	N	MO, TF	BD647	BDX33B	SE9301			BD700	06
BD699										06
BD699A	SD	N	MO	BD647	BDX33B	SE9301			BD700A	06
BD700	SD	P	MO, TF	BD648	BDX34B	SE9401			BD699	06
BD700A	SD	P	MO	BD648	BDX34B	SE9401			BD699A	06
BD701	SD	N	MO	BD649	BDX33C				BD702	06
BD701										06
BD702	SD	P	MO	BD650	BDX34C	2N5195			BD701	06
BD702				BD442						06
BD705	S	N	SG, AT			2N6486			BD706	06
BD706	S	P	SG, AT			2N6489			BD705	06
BD707	S	N	SG, AT			2N6487			BD708	06
BD708	S	P	SG, AT			2N6490			BD707	06
BD709	S	N	SG, AT			2N6488			BD710	06
BD710	S	P	SG, AT			2N6491			BD709	06
BD733	S	N	TX	BD433					BD734	06
BD734	S	P	TX	BD434					BD733	06
BD735	S	N	TX	BD435					BD736	06
BD736	S	P	TX	BD436					BD735	06
BD737	S	N	TX	BD437					BD738	06
BD738	S	P	TX	BD438					BD737	06
BDX10	S	N	AT	AM291		2N3055				06
BDX10-4	S	N	AT			2N3055				06
BDX10-5	S	N	AT			2N3055				06
BDX10-6	S	N	AT			2N3055				06
BDX10-7	S	N	AT			2N3055				06
BDX11	S	N	AT			2N5631	2N3442			06
BDX11-4	S	N	AT			2N3442				06
BDX11-5	S	N	AT			2N3442				06
BDX11-6	S	N	AT			2N3442				06
BDX11-7	S	N	AT			2N3442				06
BDX12	S	N	AT			2N4347				06
BDX13	S	N	AT	BDY38		2N6569	2N3055			06
BDX13						2N5301	40251			06
BDX13-4	S	N	AT			2N3055				06
BDX13-5	S	N	AT			2N3055				06
BDX13-6	S	N	AT			2N3055				06
BDX13-7	S	N	AT			2N3055				06
BDX14	S	P	SE, Sr, ML			2N3740			2N3054	06
BDX16	S	P	SE, Sr, ML	BUX66					2N3441	06
BDX18	S	P	PH, MU			2N3792				06
BDX18N	S	P	SE	BDX18		2N3792				06
BDX22	S	N	AT			(2N3442)	SE9051			06
BDX22-4	S	N	AT			(2N3442)				06
BDX22-5	S	N	AT			(2N3442)				06
BDX22-6	S	N	AT			(2N3442)				06
BDX23	S	N	AT	BUY57		2N5629				06
BDX23-4	S	N	AT	BUY57						06
BDX23-5	S	N	AT	BUY57						06
BDX23-6	S	N	AT	BUY57						06
BDX23-7	S	N	AT	BUY57						06
BDX24	S	N	AT			2N4913	2N3054			06
BDX24						2N5878				06
BDX24-4	S	N	AT			2N3054				06
BDX24-5	S	N	AT			2N3054				06
BDX24-6	S	N	AT			2N3054				06
BDX24-7	S	N	AT			2N3054				06
BDX27	S	P	S			2N3879				06
BDX28	S	P	S			2N3879				06
BDX30	S	P	S			2N6500				06
BDX31	S	N	TX	(BU208)						06
BDX32	S	N	TX	(BU208)						06
BDX35	S	N	MU	BD441		2N5192				06
BDX36	S	N	MU	BD441		2N5192				06
BDX37	S	N	MU	BD441		2N5192				06
BDX40	S	N	AT			2N3772	(2N3055)			06
BDX40						2N5302				06

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
BDX40-4	S	N	AT		(2N3055)			06
BDX40-5	S	N	AT		(2N3055)			06
BDX40-6	S	N	AT		(2N3055)			06
BDX40-7	S	N	AT		(2N3055)			06
BDX41	S	N	AT		2N5301			06
BDX50	S	N	AT		2N5631	(2N3442)		06
BDX50	S	N	AT		2N3773			06
BDX50-4	S	N	AT		(2N3442)			06
BDX50-5	S	N	AT		(2N3442)			06
BDX50-6	S	N	AT		(2N3442)			06
BDX50-7	S	N	AT		(2N3442)			06
BDX51	S	N	AT		2N5630	2N3773		06
BDX53	SD	N	AT	BDX33	2N4348			06
BDX53A	SD	N	SG, AT	BDX33A			BDX54	06
BDX53B	SD	N	SG, AT	BDX33B				06
BDX63C	SD	N	SG, AT	BDX33C				06
BDX54	SD	P	SG, AT	BDX34			BDX53	06
BDX54A	SD	P	SG, AT	BDX34A				06
BDX54B	SD	P	SG, AT	BDX34B				06
BDX54C	SD	P	SG, AT	BDX34C				06
BDX60	S	N	AT, SG		2N5629	(2N3055)		06
BDX60	S	N	AT		2N6254			06
BDX60-4	S	N	AT		(2N3055)			06
BDX60-5	S	N	AT		(2N3055)			06
BDX60-6	S	N	AT		(2N3055)			06
BDX60-7	S	N	AT		(2N3055)			06
BDX61	S	N	AT, SG		2N5886	(2N3055)		06
BDX61-4	S	N	AT		(2N3055)			06
BDX61-5	S	N	AT		(2N3055)			06
BDX61-6	S	N	AT		(2N3055)			06
BDX61-7	S	N	AT		(2N3055)			06
BDX62	SD	P	PH, RA, MU, V		RCAB350A		BDX63	06
BDX62A	SD	P	PH, RA, MU, V		RCAB350B			06
BDX63	SD	N	PH, RA, MU, V		2N6384		BDX62	06
BDX63A	SD	N	PH, RA, MU, V		2N6385			06
BDX64	SD	P	PH, RA, MU, V	BDX84A			BDX65	06
BDX64A	SD	P	PH, RA, MU, V	BDX84B				06
BDX64B	SD	P	PH, RA, MU, V	BDX84C				06
BDX65	SD	N	PH, RA, MU, V	BDX83A			BDX64	06
BDX65A	SD	N	PH, RA, MU, V	BDX83B				06
BDX65B	SD	N	PH, RA, MU, V	BDX83C				06
BDX70	S	N	AT		BDX72			06
BDX70	S	N	AT		FT3055	2N6098		06
BDX71	S	N	AT	BDX73	2N6100			06
BDX71	S	N	AT		FT3055	2N6099		06
BDX71	S	N	AT		2N6101			06
BDX72	S	N	AT		2N6100			06
BDX73	S	N	AT		2N6101			06
BDX74	S	N	AT		2N6100			06
BDX75	S	N	AT		2N6103			06
BDX77	S	N	RA, PH, V	(8D441)	BD243B		BDX78	06
BDX78	S	P	RA, PH, V	(8D442)	BD244B			06
BDX78	S	N	RA, PH, V		2N6134		BDX77	06
BDY10	S	N	RA, AM, MU, PE, PH, V	BDY38	BDY30	2N4907		06
BDY10	S	N	RA, AM, MU, PE, PH, V		2N6253			06
BDY10	S	N	RA, AM, MU, PE, PH, V		2N3055			06
BDY11	S	N	MU, PH	BDX50		2N4909	2N3773	06
BDY12	S	N	SE, S	BUX16	BD124	2N4910	2N3054	06
BDY12	S	N	S	8LY47A				06
BDY12B	S	N	S	BDY12-6				06
BDY12C	S	N	S	BDY12-10				06
BDY12D	S	N	S	BDY12-16				06
BDY13	S	N	SE, S	BUX16	BD124	2N3054	2N3055	06
BDY13	S	N	S			2N3050		06
BDY13B	S	N	S	BDY13-6				06
BDY13C	S	N	S	BDY13-10				06
BDY13D	S	N	S	BDY13-16				06
BDY15	S	N	IN, SE	BDY12-16	BUX16	2N4910	2N3054	06
BDY15	S	N	IN, IT	BDY12	BD107		2SC830H	06
BDY15	S	N	IN, IT	8LY47A				06
BDY15A	S	N	IN, IT	8D124				06
BDY15A	S	N	IN, IT	BDY12-10	BD107			06
BDY15B	S	N	IN, IT	BDY12-16	BD107			06
BDY15C	S	N	IN, IT	BDY12-16	BD107			06
BDY16	S	N	IN	BDY13	BD124	2N4911	2N4912	06
BDY16	S	N	IN	BD107		2N3055		06
BDY16A	S	N	IN, IT	BDY13-10	BD107			06

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
BDY16B	S	N	IN, IT	BDY13-16	BD107					06
BDY17	S	N	MU, PH, SE, RA, V	BUX16		2N3055	2N3771			06
BDY17						2N5301				06
BDY18	S	N	MU, PH, PE, RA, V	BUY57	BD130	2N3772	2N3055			06
BDY18						2N5302				06
BDY19	S	N	MU, PH, PE, V	BUY57	BD130	2N3773	2N3055			06
BDY20	S	N	SE, MU, PH	BUX16	BD130	2N3055				06
BDY20				BDX10	AM291					06
BDY23	S	N	SE, Ss, ML	BUY55	BDY92	2N4914	2N3448			06
BDY23A	S	N	SE	BUY55	BDY24	2N3448				06
BDY23B	S	N	SE	BUY55	BDY24	2N3448				06
BDY23C	S	N	SE	BUY55	BDY24	2N3448				06
BDY24	S	N	SE, Ss, ML	BUY55	BDY91	2N4915	2N3448			06
BDY24A	S	N	AT, SE	BUY55	BDY24	2N3448				06
BDY24B	S	N	SE	BUY55	BDY24	2N3448				06
BDY24C	S	N	SE	BUY55	BDY24	2N3448				06
BDY25	S	N	SE, Ss, ML	BUY56		2N4347	2N3442			06
BDY25						2N3055				06
BDY25A	S	N	SE	BUY56	BUX16					06
BDY25B	S	N	SE	BUX16	BUY56					06
BDY25C	S	N	SE	BUY56	BUX16					06
BDY26	S	N	SE, Ss, ML	BUY72	BDY28	2N5157				06
BDY26A	S	N	SE	BUY72	BUX16					06
BDY26B	S	N	SE	BUY72	BUX16					06
BDY26C	S	N	SE	BUY72	BUX16					06
BDY27	S	N	SE, Ss, ML	BUY77	BDY28	2N5157				06
BDY27A	S	N	SE	BUY77	BUX16					06
BDY27B	S	N	SE	BUY77	BUX16					06
BDY27C	S	N	SE	BUY77	BUX16					06
BDY28	S	N	SE, Ss, ML	BUY78		2N5157				06
BDY28A	S	N	SE	BUY78	BUX16A					06
BDY28B	S	N	SE	BUY78	BUX16A					06
BDY28C	S	N	SE	BUY78	BUX16A					06
BDY34	S	N	TF	BDY12						06
BDY38	S	N	PH, RA, AM, MU,	BD130	BDY20	2N6253	2N4914	2SC665H		06
BDY38			PE, V			2N3055				06
BDY39	S	N	S	AM291	BDX10	2N3055				06
BDY53	S	N	SE, Ss, ML	BUY57	BDY56					06
BDY54	S	N	SE, Ss, ML	BUY58	BDY56					06
BDY55	S	N	SE, Ss, ML	BUY57	BDY56	2N3055				06, 14
BDY55				AM291	BDX10					06, 14
BDY56	S	N	SE, SG, Ss, ML	BUY57		2N5038	2N4347			06, 14
BDY56						2N3055				06, 14
BDY57	S	N	SE, Ss, ML	(BUY57)	BDY58	41012	2N5403			06, 14
BDY58	S	N	SE, SG, ML, Ss	(BUY57)		41013	2N4348			06, 14
BDY60	S	N	PH, MU, V	BDY13						06
BDY61	S	N	PH, MU, V	BDY13						06
BDY62	S	N	PH, MU, V	BDY13						06
BDY71	S	N	SE	BUY38		2N3054 (2N3442)	2N3441			06
BDY72	S	N	SE, ML, Ss							06
BDY73	S	N	SE	BDY20		2N3715	2N3055			06
BDY74	S	N	SE, ML, Ss	BDX50		2N3442	2N4347			06
BDY74						2N3773				06
BDY75	S	N	SE			2N3771				06
BDY76	S	N	SE, ML, Ss			(2N3055)	2N3772			06
BDY76						2N5302				06
BDY77	S	N	SE, ML, Ss			2N3773	2N2773			06
BDY78	S	N	SE, ML, Ss			2N6373	2N3054			06
BDY79	S	N	SE, ML, Ss			(2N3442)	2N3583			06
BDY79						2N5050	2N3441			06
BDY80	S	N	SE	BD437					BDY82	06
BDY80A	S	N	SE	BD437	BD589	2N5296	2N6123		BDY82A	06
BDY80B	S	N	SE	BD437	BD589	2N6123			BDY82B	06
BDY80C	S	N	SE	BD437	BD589	2N6123			BDY82C	06
BDY81	S	N	SE	BD439					BDY83	06
BDY81A	S	N	SE	BD439	BD589	2N5298	2N6123		BDY83A	06
BDY81B	S	N	SE	BD439	BD589	2N6123			BDY83B	06
BDY81C	S	N	SE	BD439	BD589	2N6123			BDY83C	06
BDY82	S	P	SE	BD438					BDY80	06
BDY82A	S	P	SE	BD438	BD590	2N6111	2N6126		BDY80A	06
BDY82B	S	P	SE	BD438	BD590	2N6126			BDY80B	06
BDY82C	S	P	SE	BD438	BD590	2N6126			BDY80C	06
BDY83	S	P	SE	BD440					BDY81	06
BDY83A	S	P	SE	BD440	BD590	2N6109	2N6126		BDY81A	06
BDY83B	S	P	SE	BD440	BD590	2N6126			BDY81B	06

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
BDY83C	S	P	SE	BD440	BD590	2N6126			BDY81C	06
BDY90	S	N	MU, PH, V, AM	BUY57						06
BDY91	S	N	MU, PH, V, RA, AM	BUY57		2N5038				06
BDY92	S	N	MU, PH, V, RA, AM	BUY57		2N5039				06
BDY93	S	N	MU, PH, V, RA, AM	BUY79	BU126					06, 14
BDY94	S	N	MU, PH, V, RA, AM	BUY79	BU126					06
BDY95	S	N	MU, PH, V, RA, AM	BUY77	BU126					06
BDY96	S	N	MU, PH, V, RA, AM	BUY76		2N6513				06, 14
BDY97	S	N	MU, PH, V, RA, AM	BUY76		2N6512				06
BDY98	S	N	MU, PH, V, RA, AM	BUY75		2N6511				06
BDY99	S	N	RA, PH, AM	BUY76		2N6511				06
BF106	S	N	SE, NU	BF117	BF109					02
BF108				BF114	(BF457)					02
BF108				BF178						02
BF109	S	N	PH, V, MU, PE	BF178	(BF457)					02
BF109				BFY43	BF114					02
BF109				BF117						02
BF110	S	N	TF, S, V	BF140	(BF457)					02
BF110				BF111	BF114					02
BF110				BF178	BF117					02
BF111	S	N	S	BF179C	BF456	2N3440		25C154C		02
BF111				BD127	(BF458)					02
BF111				SBF178	BF257					02
BF111				BD115	BF178					02
BF114	S	N	TF, S, V	BF117	(BF457)					02
BF114				BF178	BF108					02
BF114				BF257	BF115					02
BF114				BFY43						02
BF115	S	N	PH, MU, V, S, TF	BF224	BF117	SE5056		25C445		02
BF115				BF185	BF194					02
BF115				BF225						02
BF117	S	N	IN, IT, TX	BF179	(BF457)	SE7001		25C154		02
BF117				BF178	BF257					02
BF118	S	N	IN, TX	BF179C	(BF458)	2N4927		25C154C		02
BF118				BF178	SFB258					02
BF118				BF258	BF338					02
BF118				BF337						02
BF119	S	N	IN, TX	BF456-7	(BF457)	2N4927				02
BF119				BF337	BF178					02
BF120	S	N	IN	(BF458)	BF179	SE7055	2N5833			02
BF120				BF337						02
BF121	S	N	IN	BF224	(BF198)	2N4927		25C454		02
BF121				BF167	BF196	SE5056				02
BF123	S	N	IN	BF197	BF173	SE50308		25C464		02
BF123				BF196						02
BF125	S	N	IN, TX	BF314	(BF199)	SE5031				02
BF125				BF237	BF197					02
BF125				BF225	BF173					02
BF127	S	N	IN, TX	BF224	(BF198)	SE5056		25C682		02
BF127				BF167	BF196					02
BF130	S	N		BC107A	BFY39					02
BF131	S	N		BFY39						02
BF132	S	N		BFY37	BCY58					02
BF133	S	N		BSX48	BFY37					02
BF134	S	N	IN	BFX62	BF173					02
BF134				BF115						02
BF136	S	N	IN	(BF198)	BFX60					02
BF136				BF167						02
BF137	S	N	IN, IT	BF115	(BF457)					02
BF137				BF173	BF257					02
BF137				BF179	BF194					02
BF138	S	N	IN	BF136	(BF198)					02
BF138				BFX60	BF167					02
BF140	S	N	SE	BFY43	(BF457)	2N257				02
BF140				BF114	BF178					02
BF140A	S	N	SE	(BF457)	BF179					02
BF140D	S	N	SE	BF118	(BF458)			25C154C		02
BF140D				BF179	BF178					02
BF140D				BF179B						02
BF140R	S	N	NU	(BF457)	BF178					02
BF140S	S	N	NU	(BF457)	BF178					02
BF152	S	N	AT, SG	BF183	BFX62					02
BF152				BF224						02
BF163	S	N	AT, SG	BF194	BF255	2N5363				02
BF163				BF121	BF185					02

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
BF153				BF224	BF254			02
BF153				BF167				02
BF154	S	N	SG, AT	8C238A	BF224	MPS6565	2N3564	02
BF154				(BF241)	BF196			02
BF154				BC172A	BF185			02
BF154				BC183A	BF255			02
BF155	S	N	SG, AT	BF225	(BFX62)	2N4134		02
BF155				BF180				02
BF155R	S	N	NU	(BF457)	BF178			02
BF155S	S	N	NU	(BF457)	BF178			02
BF156	S	N	SG, AT	BF178	(BF457)	SE7002		02
BF156				BF257	BF117			02
BF156				BFY43	BF140			02
BF156				BF179				02
BF157	S	N	SG, AT	BF173	BF179C			02
BF157				(BF457)	SF8257			02
BF157				BF257	BF179			02
BF157				BF170	BF179A			02
BF157B	S	N	SG, AT	(BF458)	BF179C			02
BF158	S	N	SG, AT	BF224	BF173	2N3563	40478	02
BF158				BF199	BF237			02
BF159	S	N	SG, AT	BF224	BF173	40478		02
BF159				BF199	BF237			02
BF160	S	N	SG, ME, NS, AT	BF237	(BF199)	40478		02
BF160				BF173	BF185			02
BF160				BF224	BF255			02
BF161	S	N	SG, AT	BF225	BF181	2N4134	2SC707	02
BF161				BF183	BFX62			02
BF161				BF255				02
BF162	S	N	SG, AT	BF225	(BF240)			02
BF162				BF200	BFX62			02
BF163	S	N	SG, AT	BF198	(BF240)			02
BF163				BF225	BF167			02
BF163				BF196				02
BF164	S	N	SG, AT	BF224	(BF240)			02
BF164				BF225	BF167			02
BF164				BF198				02
BF165	S	N	SG, AT	BF185	(BF255)	MPS6565	2N3564	02
BF165				BC108A	BC182A			02
BF165				BC107A	BF195			02
BF165				BC207A				02
BF166	S	N	SG, AT	BF167	BF173	2N4134		02
BF166				BF237	BF200			02
BF166				BF225	BFX62			02
BF167	S	N	MU, S, TF, V, AM-	BF237	(BF198)	SE5056		02
BF167			S ₁ , MN, ML, PE,	BF224	BF189			02
BF167			PH, RA, SG, TX	BF200				02
BF168	S	N	TF, V, S	BF224	(BF199)			02
BF168				BF185	BF173			02
BF168				BF167				02
BF169	S	N	SE	BC183A	BC237B	MPS6520		02
BF169				BF115	BC108			02
BF169				BC208A	BC108C			02
BF169				BF185				02
BF169A	S	N		BF115				02
BF169R	S	N	SE	BC237B				02
BF170	S	N	SE	BF173	BF178			02
BF170				BF182C				02
BF173	S	N	MU, S, TF, V, AM- AT, S ₁ , MN, ML,	BF306	(BF199)	FT129	SE5031	2SC464
BF173				BF224	BF117			02
BF173			PE, PH, RA, TX	BF384	BF140			02
BF174	S	N	SG, TX, AT	BF170	BF179B		2SC154C	02
BF174				(BF457)	BF178			02
BF174				BF457-9	BF257			02
BF174				SF8257	BF114			02
BF174				BF179A				02
BF175	S	N	SG, AT	(BF241)	BF167	2N4134	2N4012	02
BF175				BF225				02
BF176	S	N	SG, AT	BF224	(BF241)	SE5025		02
BF176				BF173	BF311			02
BF177	S	N	MU, PH, V, TF, TX, RA, AT, S, MN, PE	BF257	(BF457)	40360	SE7002	2SC856
BF177				BF179A	BF108			02
BF177				BFY43	BF117			02
BF177				BF179C				02
BF178	S	N	MU, PH, V, TF, TX	BF140D	(BF458)	40412		2SC856

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
BF178			RA, ML, AT, Ss,	BF457-9	BF108					02
BF178			MN, PE, S	BF179C	SFB178					02
BF179	S	N	S, RA, AT, Ss, MN,	SFB258	(BF458)					02
BF179			MU, PH, V, TF, TX,	BF179C	BF257					02
BF179			ML, PE	BF148						02
BF179A	S	N	TF, SG, PH, RA,	BF118	(BF457)			2SC154C		02
BF179A			ML, S, Ss	BF179C	BF257					02
BF179A				BF179						02
BF179B	S	N	TF, SG, PH, RA,	BF118	(BF457)			2SC154C		02
BF179B			ML, S, Ss	BF258	BF179C					02
BF179C	S	N	TF, SG, PH, RA,	(BF458)	BF258			2SC154C		02
BF179C			ML, S, Ss	BF118						02
BF180	S	N	MU, PH, V, AT, Ss	(BFX62)	BF225	MT1061				02
BF180			MN, ML, PE, RA,							02
BF180			TX							02
BF181	S	N	MU, PH, AT, MN,	(BFX62)	BF224	SE3005				02
BF181			ML, V, Ss, PE, RA,	BF180						02
BF181			TX							02
BF182	S	N	PH, MU, V	BFX62		SE3005				02
BF183	S	N	PH, MU, V	BFX62		SE3005				02
BF184	S	N	MU, TF, V, AT, BL	BF234	(BF194)	SE5056		2SC460		02
BF184			MN, PE, PH, RA, S	BF238	BF115					02
BF184				BF167						02
BF185	S	N	MU, PH, TF, V, AT	BF235	(BF195)	SE5056	40478	2SC535		02
BF185			BL, MN, PE, RA, S	BF237	BF115					02
BF185				BF125	BF167					02
BF186	S	N	MU, PH, V, AT	BF178	(BF458)			2SC1545		02
BF186				BF225	SFB258					02
BF186				BF118	BF111					02
BF188	S	N	SE	BF200						02
BF189	S	N	SE	BF224	BF115					02
BF189				BF167	BF173					02
BF189				BF200	BF184					02
BF191	S	N		BF225						02
BF192	S	N		BF225						02
BF193	S	N		BF225						02
BF194	S	N	MU, S, TF, V	BF184	BF237	SE5056		2SC460		02
BF194				BF115	BF234					02
BF194				BF173	BF224					02
BF194				BF163	BF189					02
BF196	S	N	MU, PH, TF, V, AT	BF225	(BF198)	SE5056		2SC682		02
BF196			PE, RA	BF329	BF167					02
BF196-01	S	N	EI	(BF198)						02
BF197	S	N	MU, PH, TF, V, AT	BF224	(BF199)	SE5030B		2SC464		02
BF197			PE, RA, S	BF330	BF173					02
BF197-01			EI	(BF199)						02
BF198	S	N	MU, S, TF, V	BF163	BF167	SE5056				02
BF198				BF225						02
BF199	S	N	MU, S, TF, V	BF197	BF173	SE5030B				02
BF199				BF224						02
BF200	S	N	MU, PH, V, AT, PE	BF237	(BFX62)	SE5020	SE5024			02
BF200			MN, ML, RA, Ss	BF238	BF162					02
BF200				BF224						02
BF206	S	N	SE	(BFX62)	BF384					02
BF206				BF200						02
BF207	S	N	SE	(BF198)	BF224					02
BF207				BF200						02
BF208	S	N	SE	(BF199)	BF224					02
BF208				BF200						02
BF209	S	N	SE	(BFX62)	BF224					02
BF209				BF200						02
BF210	S	N		BF224						02
BF211	S	N		BF224						02
BF212	S	N	SE	(BFX62)	BF384					02
BF212				BF200						02
BF213	S	N	SE	(BFX62)	BF384					02
BF213				BF180						02
BF214	S	N	SE	BF183	(BF254)					02
BF214				BF184	BF194					02
BF215	S	N	SE	(BF255)	BF185					02
BF215				BF195						02
BF216	S	N	TH, AE	(BF255)						02
BF217	S	N	TH, AE	(BF254)						02
BF218	S	N	TH, AE	(BF255)						02
BF219	S	N	TH, AE	(BF254)						02

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN	JAPANESE	COMPL	USE
BF220	S	N	TH, AE	(BF255)					02
BF222	S	N	AT	BF225	SF8222				02
BF222				BF200	BFX62				02
BF222				BF195					02
BF223	S	N	TF	BF224	(BF199)	SE50308			02
BF223				BF169	BF197				02
BF223				BF523	BF232				02
BF223				BF173					02
BF224	S	N	TX	(BF199)	BF173	SE50308	2SC682		02
BF224J	S	N		BF173					02
BF224JF	S	N		BF173					02
BF225	S	N	TX	BF163	(BF198)	SE5056	40487	2SC682	02
BF225				BF196	BF167				02
BF225				BF224					02
BF225J	S	N		BF167					02
BF225JF	S	N		BF167					02
BF226	S	N	SE	(BF225)	BF185				02
BF227	S	N	TF	BF227	BF199	2N5830			02
BF227				BF224	BF137				02
BF227				BF384	BF173				02
BF228	S	N	TF	BSX21	BF177	2N5830	2N1990R		02
BF228				BSW69	BSW32				02
BF229	S	N	TF	BF194	BF254	SE5056			02
BF229				BF184	BF163				02
BF229				BF254					02
BF230	S	N	TF	BF185	BF255	SE5056			02
BF230				BF163	BF195				02
BF231	S	N	IS, AT, S, TX	(BF199)					02
BF232	S	N	SG, S, RZ, TX	(BF199)	BF173		2SC464		02
BF232				BF224					02
BF233	S	N	SE, SG, RZ	BF184	BF254		2SC464		02
BF233				BF237	BF238				02
BF233-2	S	N	SE, SG, AT	BF254	BF184				02
BF233-3	S	N	SE, SG, AT	BF254	BF184				02
BF233-4	S	N	SE, SG, AT	BF254	BF184				02
BF233-5	S	N	SE, SG, AT	BF254	BF184				02
BF233-6	S	N	SE, SG, AT	(BF254)	BF184				02
BF234	S	N	SE, SG	BF254	BF184				02
BF234				BF194	BF229				02
BF235	S	N	SE, SG	BF184	BF185				02
BF235				BF255					02
BF236	S	N	SE, SG	BF185	BF255				02
BF237	S	N	TX	BF241	(BF199)	SE5056			02
BF237				BF115	BF163				02
BF237				BF195	BF194				02
BF237				BF185					02
BF238	S	N	TX	BF240	(BF199)	SE5056			02
BF238				BF115	BF163				02
BF238				BF194	BF195				02
BF238				BF184					02
BF240	S	N	S, TF, TX, V	BF167	BF238	SE5056			02
BF241	S	N	S, TF, TX, V	BF173	BF237	SE50308			02
BF241				BF167					02
BF241A	S	N	IS, RZ	BCY65EVII					02
BF242	S	N	IS, RZ	BCY59VII					02
BF242A	S	N	IS, RZ	BCY65EVII					02
BF243	J	P	RZ			2N3588			02
BF244	J	N	RZ	BF245					02
BF245	J	N	MU, V, TX	BF244					02
BF246	J	N	V, TX	BF247					02
BF247	J	N	TX	BF246					02
BF248	S	N	TX	BC338-16	BSW64	2N2222A		BF249	02
BF248-1	S	N	TX	BC338-16					02
BF248-2	S	N	TX	BC338-16					02
BF248-3	S	N	TX	BC338-16					02
BF248-4	S	N	TX	BC338-25					02
BF249	S	P	TX	BC328-16	BSW24	2N2907A		BF248	02
BF249-1	S	P	TX	BC328-16					02
BF249-2	S	P	TX	BC328-16					02
BF249-3	S	P	TX	BC328-16					02
BF249-4	S	P	TX	BC328-25					02
BF250	S	N	TX	BC338-16	BC109	2N930			02
BF251	S	N	SG, AT	(BF240)	BF167	SE5058			02
BF252	S	N	SG, AT	(BF240)	BF185				02
BF253	S	N	TX, SE	(BF254)	BF184				02

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
BF254	S	N	S, TF, TX, V	BF184	BF163	SE5056				02
BF254				BF194	BF237					02
BF255	S	N	S, TF, TX, V	BF238	BF163	SE5056				02
BF255				BF185	BF195					02
BF257	S	N	PH, TF, TX, V, IT	(BF457)	SFB257					02
BF257			S, IN, PE, F	BD115						02
BF257A	S	N	TX	(BF458)						02
BF257B	S	N	TX	(BF458)						02
BF257C	S	N	TX	(BF458)						02
BF257D	S	N	TX	(BF457)						02
BF257G	S	N	TX	(BF458)						02
BF257N	S	N	TX	(BF458)						02
BF257S	S	N	TX	(BF457)						02
BF258	S	N	PH, TF, TX, V, IT	BF259	(BF458)					02
BF258			IN, PE, S, F	SBF258	BF338					02
BF258A	S	N	TX	(BF459)						02
BF259	S	N	PH, TF, TX, V, IT,	(BF459)	BF258	SE7056				02
BF259			IN, PE, S, F	BF338						02
BF259A	S	N	TX	(BF459)						02
BF259G	S	N	TX	(BF459)						02
BF260	S	N	AT	BF199	BF167	SE5056				02
BF260				BF173	BF200					02
BF261	S	N	AT	BF167	BF173	SE5056				02
BF261				BF199						02
BF262	S	N	MU	BF362						02
BF263	S	N	MU	BF363						02
BF264	S	N	MU	BF363						02
BF266	S	N	IS, RZ	(BF240)						02
BF267	S	N	IS, RZ	(BF198)						02
BF268	S	N		BFY90		2N2857				02
BF270	S	N	SG, AT	BF164	BF198	SE5056				02
BF271	S	N	SG, AT	BF173	BF199	FT129	SE5030B			02
BF273	S	N	SG, ME, AT	(BF255)	BF200					02
BF273C	S	N	SG, AT	(BF254)	BF200					02
BF273D	S	N	SG, AT	(BF255)	BF200					02
BF274	S	N	SG, ME, AT	(BF254)	BF173					02
BF274B	S	N	SG, AT	(BF254)	BF173					02
BF274C	S	N	SG, AT	(BF254)	BF173					02
BF275	S	N	IS, RZ	(BF240)						02
BF287	S	N	SG, AT	(BF241)	BF167	2N4134				02
BF287				BF200						02
BF288	S	N	SG, AT	(BF240)	BF163	SE5056				02
BF288				BF200						02
BF290	S	N	SG, AT	(BF198)	BF183	SE5031				02
BF291	S	N	SG, AT	BC237A	BFX93	2N915	2N918			02
BF291A	S	N	SG, AT	BC237A	BFX93	2N918				02
BF291B	S	N	SG, AT	BC237A	BFX93	2N918				02
BF292	S	N	SG, AT, TX	(BF458)	BF258					02
BF292A	S	N	SG, AT, TX	(BF457)	BF257	SE7001				02
BF292B	S	N	SG, AT, TX	(BF458)						02
BF292B1	S	N	SG, AT, TX	SBF178	BF258					02
BF292C	S	N	SG, AT, TX	(BF458)	BF258	SE7055				02
BF293	S	N	AG, AT	BC237A	BSW64	2N2222A				02
BF293A	S	N	SG, AT	BC237A	BSW64	2N2222A				02
BF293D	S	N	SG, AT	BC237A	BSW64	2N2222A				02
BF294	S	N	SG, AT	(BF457)	BF257					02
BF297	S	N	TX	(BF457)	BF118					02
BF297				BF257						02
BF298	S	N	TX	(BF458)	BF118					02
BF298				BF258						02
BF299	S	N	TX	(BF459)	BF259					02
BF302	S	N	AT	(BF199)	BF160	FT129				02
BF302				BF167						02
BF303	S	N	AT	(BF199)	BF184	FT129	SE5031			02
BF304	S	N	AT	(BF199)	BF173	FT129	SE5031			02
BF304				BF167						02
BF305	S	N	AT, SG	(BF458)	BF257					02
BF305				SBF257						02
BF308	S	N	AT	(BF199)	BF173	FT129	SE5031			02
BF308				(BF199)	BFY90	2N2857				02
BF308	S	N	SG, AT	(BF199)	BFY90	2N2857				02
BF310	S	N	S, TF	BF181	BF173	SE5030B		2SC856		02
BF311	S	N	TF, V	(BF199)	BF173	SE5030B				02
BF311				BF224						02
BF314	S	N	S, TF	BF200						02

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
BF321	S	N	SE	(BF255)						02
BF321A	S	N	SE	(BF255)	BF200					02
BF321B	S	N	SE	(BF254)	BF200					02
BF321C	S	N	SE	(BF254)	BF200					02
BF321D	S	N	SE	(BF264)	BF200					02
BF321E	S	N	SE	(BF254)	BF200					02
BF321F	S	N	SE	(BF254)	BF200					02
BF322	S	N	TX	BCW77-16	BSW54	40317	2N2219A		BF323	02
BF322-1	S	N	TX	BCW77-16						02
BF322-2	S	N	TX	BCW77-16						02
BF322-3	S	N	TX	BCW77-16						02
BF322-4	S	N	TX	BCW25						02
BF323	S	P	TX	BCW79-16	BFX29	40319	2N2905A		BF322	02
BF323-1	S	P	TX	BCW79-16						02
BF323-2	S	P	TX	BCW79-16						02
BF323-3	S	P	TX	BCW79-16						02
BF323-4	S	N	TX	BCW79-25						02
BF325	S	N	TX	(BF240)	BF200					02
BF329	S	N	AT	(BF198)	BF167	SE5056				02
BF329	S	N	AT	BF196	BF225					02
BF330	S	N	AT	(BF199)	BF173	SE5031				02
BF330	S	N	AT	BF197	BF224					02
BF332	S	N	AT	BF184	BF194					02
BF332	S	N	AT	BF152	BF384					02
BF332B	S	N	AT	BF194	BF184					02
BF333	S	N	AT	BF185	BF195					02
BF333	S	N	AT	BF160	BF224					02
BF333C	S	N	AT	BF195	BF184					02
BF333D	S	N	AT	BF195						02
BF334	S	N	PH, V, PE	BF199	BF224	SE5056				02
BF334	S	N	PH, V, PE	BF184						02
BF335	S	N	PH, V, PE	BF198	BF185	SE5056				02
BF336	S	N	MU, PH, V, TX, RA	(BF458)	BF258	2N4927				02
BF336	S	N	AM, PE, F							02
BF337	S	N	MU, PH, V, TX, RA	(BF458)	BF258	2N4927				02
BF337	S	N	AM, PE, F	(BF259)						02
BF338	S	N	MU, PH, V, AM, PE	(BF459)	BF258	2N4927				02
BF338	S	N	F	(BF459)	BF258	2N4927				02
BF339	S	P	TX	(BF324)						02
BF340	S	P	TX	(BF451)						02
BF341	S	P	TX	(BF450)						02
BF342	S	P	TX	(BF451)						02
BF343	S	P	TX	(BF450)						02
BF344	S	N	AT	(BF254)	BF184					02
BF345	S	N	AT	(BF255)	BF185					02
BF355	S	N	RA, MU			2N3440				02
BF367	S	N	TX	BFY90		2N2857				02
BF367K	S	N	TX	BFY90		2N2857				02
BF365	S	N	LI, RA	BF254						02
BF366	S	N	MO	(BF198)	BF200					02
BF367	S	N	MO	BF198	BF200					02
BF368	S	N	MO	(BF255)	BF200					02
BF368K	S	N	MO	BF255	BF200					02
BF369	S	N	MO	(BF254)	BF200					02
BF369K	S	N	MO	BF254	BF200					02
BF371	S	N	MO	(BF199)	BF173					02
BF373	S	N	MO	(BF241)	BF173					02
BF377	S	N	TF	(BFX89)	BF183					02
BF378	S	N	TF	(BFX89)	BF183					02
BF379	S	P	TF	(BF451)						02
BF380	S	N	MO	BF258		RCP113A				02
BF381	S	N	MO	BF258		RCP113B				02
BF382	S	N	MO	BF259		RCP113C				02
BF384	S	N	TX	(BF254)	BF184					02
BF385	S	N	TX	(BF255)	BF185					02
BF387	S	N	AT	(BF457)	BF257					02
BF388	S	N	AT	(BF457)	BF257					02
BF389B	S	N	AT	(BF458)	BF258					02
BF389C	S	N	AT	(BF458)	BF258					02
BF390	S	N	AT	BF259						02
BF394	S	N	MO	BF254	BF184	SE7056				02
BF394A	S	N	MO	BF184						02
BF394B	S	N	MO	BF184						02
BF394C	S	N	MO	BF184						02
BF395	S	N	MO	BF255	BF185					02

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
BF395C	S	N	MO	BF184				02
BF411	S	N	TF	(BF457)				02
BF412	S	N	TF	(BF457)				02
BF413	S	N	TF	(BF458)				02
BF414	S	P	TF	BF324				02
BF440	S	P	TF	BF450				02
BF441	S	P	TF	BF451				02
BF454	S	N	S, AT, V, IN	BF240				02
BF454B	S	N	AT	BF240				02
BF455	S	N	AT	BF241				02
BF455C	S	N	AT	BF241				02
BF455D	S	N	AT	BF241				02
BF456	S	N	TX	BF457	BD232			02
BF457	S	N	TX, S, V	BD232	BD115			02
BF458	S	N	TX, S, V	BD115	BD232			02
BF459	S	N	TX, S, V	BF338	BD232			02
BF494	S	N	PH, V	BF254				02
BF495	S	N	PH, V	BF255				02
BF497	S	N	SG, AT	(BF199)	BF173			02
BF523	S	N	TX	(BF240)	BC107C			02
BF540	S	P	TX	(BF451)				02
BF541	S	P	TX	(BF450)				02
BF542	S	P	TX	(BF450)				02
BF594	S	N	TX	BF254	BF184			02
BF595	S	N	TX	BF255	BF185			02
BF596	S	N	TX	(BF198)	BF167			02
BF597	S	N	TX	(BF199)	BF173			02
BF597A	S	N	TX	(BF199)				02
BF597B	S	N	TX	(BF199)				02
BF694	S	N	TX	(BF199)				02
BF694A	S	N	TX	(BF199)				02
BF694B	S	N	TX	(BF199)				02
BFJ45	S	N	IS, RZ	BSX45-6				02
BFJ46	S	N	IS, RZ	BSX45-16				02
BFJ47	S	N	IS, RZ	BSX47-10				02
BFJ48	S	N	IS, RZ	BSX47-6				02
BFJ49	S	N	IS, RZ	BSX47-10				02
BFJ50	S	N	IS, RZ	BSX47-6				02
BFJ57	S	N	IS, RZ	(BF457)				02
BFJ64	S	P	IS, RZ	(BCW80-16)				02
BFJ70	S	N	IS, RZ	(BF199)				02
BFJ72	S	N	IS, RZ	BCY59VII				02
BFJ73	S	N	IS, RZ	BCY59VIII				02
BFJ74	S	N	IS, RZ	(BC182A)				02
BFJ75	S	N	IS, RZ	(BC182A)				02
BFJ77	S	N	IS, RZ	BFY90				02
BFJ78	S	N	IS, RZ	BFY90				02
BFJ79	S	N	IS, RZ	BFY90				02
BFJ92	S	N	IS, RZ	BCY59VII				02
BFJ93	S	N	IS, RZ	BCY59VIII				02
BFJ98	S	N	IS, RZ	(BF457)				02
BFR10	S	N	SG, AT, TX	(BCW78-16)				02
BFR11	S	N	SG, AT, TX	(BCW74-10)				02
BFR14	S	N	S	BFR14A				02
BFR16	S	N	SG, S, AT, TX	(BC414B)	BC109	2N930		02
BFR17	S	N	SG, AT, TX	(BC414C)	BC109C	2N930		02
BFR18	S	N	SG, AT, TX	BSX46-10	BSX88	2N731		02
BFR19	S	N	SG, AT, TX	BSX45-6	BFY51	2N1613	2N2297	02
BFR20	S	N	SG, AT, TX	BSX45-16	BFY51	2N1711	2N2297	02
BFR21	S	N	SG, AT, TX	BSX47-6	BFY65	2N1893	2N1990	02
BFR22	S	N	AT, TX	BSX47-6	BSW66	2N2102	2N4001	02
BFR23	S	P	AT, TX	BSV17-6		2N4036		02
BFR24	S	P	AT, TX	BSV16-10	BFR23	2N4037	2N4036	02
BFR25	S	N	AT, TX	(BF457)		2N4390		02
BFR27	S	N	LI	(BF457)				02
BFR36	S	N	SG, AT	(BFW16A)				02
BFR45	J	N	N			2N4416		02
BFR50	S	N	TX	(BSX48-6)	BFY51	2N2297		02
BFR51	S	N	TX	(BSX46-6)	BFY50	2N2297		02
BFR52	S	N	TX	(BSX45-10)	BFY50	2N2297		02
BFR53	S	N	PH, V	(BFR35)				02
BFR56	S	N	TX	(BSY34)	BFY51	2N5321	2N2297	02
BFR57	S	N	TX	(BF457)	BF257			02
BFR58	S	N	TX	(BF458)	BF258			02
BFR59	S	N	TX	(BF460)	BF259			02

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
BFR60	S	P	TX	BSV17-6				02
BFR61	S	P	TX	BSV16-8				02
BFR62	S	P	TX	BSV15-10				02
BFR67	S	N	SG, AT	(BC167)			BFR69	02
BFR67A	S	N	SG, AT	(BC167A)				02
BFR67B	S	N	SG, AT	(BC167B)				02
BFR68	S	N	SG, AT	(BC168)			BFR70	02
BFR68A	S	N	SG, AT	(BC168A)				02
BFR68B	S	N	SG, AT	(BC168B)				02
BFR68C	S	N	SG, AT	(BC168C)				02
BFR69	S	P	SG, AT	(BC257)			BFR67	02
BFR69A	S	P	SG, AT	(BC257A)				02
BF 169B	S	P	SG, AT	(BC257B)				02
BFR69VI	S	P	SG, AT	(BC257A)				02
BFR70	S	P	SG, AT	(BC258)			BFR68	02
BFR70A	S	P	SG, AT	(BC258A)				02
BFR70B	S	P	SG, AT	(BC258B)				02
BFR70VI	S	P	SG, AT	(BC258A)				02
BFR71	S	N	SG, AT	(BC167A)			BFR73	02
BFR72	S	N	SG, AT	(BC167A)			BFR74	02
BFR73	S	P	SG, AT	(BC257A)			BFR71	02
BFR74	S	P	SG, AT	(BC257A)			BFR72	02
BFR77	S	N	SG, AT	BSX47-6	2N1893			02
BFR78	S	N	SG, AT	BSX47-6	2N2405			02
BFR79	S	P	TX	(BSV17-10)				02
BFR80	S	P	TX	(BSV17-10)				02
BFR81	S	P	TX	(BSV16-16)				02
BFR86	S	N	TX	(BF457)				02
BFR87	S	N	TX	(BF457)				02
BFR88	S	N	TX	(BF458)				02
BFR89	S	N	TX	(BF459)				02
BFR90	S	N	MU, PH, V	(BFR34A)				02
BFR91	S	N	MU, PH, V	(BFR34A)				02
BFR92	S	N	MU, PH, V	(BFR35A)				02
BFR93	S	N	MU, PH, V	(BFR35A)	BFR92			02
BFS10	S	N	SG, AT	(BFX55)		2N3866		02
BFS11	S	N	AT	(BF198)				02
BFS12	S	P	SG, AT	BSV15-16		2N5042		02
BFS13E	S	N	SG, AT	(BC123ye)			BFS14E	02
BFS14E	S	P	SG, AT	(BC203ye)			BFS13E	02
BFS18	S	N	PH, V, RA	(BFS20)	BFS20R			02
BFS18B	S	N		BFS20R				02
BFS19	S	N	PH, V, RA, S	(BFS20)	BFS20R			02
BFS19R	S	N	MU	BFS20R				02
BFS20	S	N	PH, S, V	BFS20R				02
BFS21	S	N	PH, V, MU			2N5199		02
BFS21A	S	N	PH, V, MU			2N5199		02
BFS37A	S	P	FE	BFS37				02
BFS38A	S	N	FE	BFS38				02
BFS39	S	N	FE	BFS38				02
BFS40A	S	P	FE	BFS40				02
BFS41	S	P	FE	BFS40				02
BFS42	S	N	FE	BFS43				02
BFS44	S	P	FE	BFS45				02
BFS46A	S	N	FE	BFS46				02
BFS47	S	N		BSX21				02
BFS48	S	P			2N4031			02
BFS50	S	N	TF	(BFX65)				02
BFS52	S	P			2N2904			02
BFS53	S	P			2N2905			02
BFS59	S	N	FE	BCX73-16	BC387	2N4401	BFS96	02
BFS59K	S	N	FE	BCX73-18				02
BFS59L	S	N	FE	BCX73-16				02
BFS59M	S	N	FE	BCX73-16				02
BFS60	S	N	FE	BCX74-18	BC387	2N4401	BFS97	02
BFS60K	S	N	FE	BCX74-16				02
BFS60L	S	N	FE	BCX74-16				02
BFS60M	S	N	FE	BCX74-16				02
BFS61	S	N	FE	BC387		2N4401		02
BFS62	S	N	TF	(BF199)				02
BFS66	S	N	LI	BFS69				02
BFS67	J	N	TX		2N3821			02
BFS67P	J	N	TX		2N4303			02
BFS68	J	N	TX		2N3823			02
BFS68P	J	N	TX		U1837E			02

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
BFS70	J	N	TX		2N3821			
BFS71	J	N	TX		2N3822			
BFS72	J	N	TX		2N3823			
BFS73	J	N	TX		2N3824	2N3821		
BFS74	J	N	TX		2N4856			
BFS75	J	N	TX		2N4857			
BFS76	J	N	TX		2N4858			
BFS77	J	N	TX		2N4859			
BFS78	J	N	TX		2N4860			
BFS79	J	N	TX		2N4861			
BFS80	J	N	TX		2N4416A			
BFS85	S	N	FE	BFS88				
BFS89	S	N	TX, AT	(BF459)	BD115			02
BFS89	S	N	TX, AT	BF259				02
BFS90	S	P	TX		40987			02
BFS90A	S	P	TX		40987			02
BFS91	S	P	TX		40999			02
BFS91A	S	P	TX		40999			02
BFS92	S	P	PH, V, RA, PE, MU	BSV17-6	2N4036	2N4929		02
BFS93	S	P	PH, V, RA, PE, MU	BSV17-10	2N4314	2N4929		02
BFS94	S	P	PH, V, RA, PE, MU, .	BSV17-6	BFS95	2N4037	2N4036	02
BFS94	S	P	TX					02
BFS95	S	P	PH, V, RA, PE, MU, .	BSV15-10		2N4037	2N4036	02
BFS95	S	P	TX					02
BFS96	S	P	FE	BCX76-10		2N4036	2N4403	BFS59 02
BFS96K	S	P	FE	BCX76-16				02
BFS96L	S	P	FE	BCX76-16				02
BFS96M	S	P	FE	BCX76-16				02
BFS97	S	P	FE	BCX76-16	2N4403		BFS60	02
BFS97K	S	P	FE	BCX76-16				02
BFS97L	S	P	FE	BCX76-16				02
BFS97M	S	P	FE	BCX76-16				02
BFS98	S	P	FE		2N4403			
BFS99	S	N	AT, TX	(BF457)	BC394	2N5830	2N4390	02
BFT20	S	P	TX	(BCX76-16)			BFT53	02
BFT21	S	P	TX	(BCX75-16)			BFT54	02
BFT22	S	P	TX	(BCX75-16)			BFT55	02
BFT23	S	N	MU	(BFR35)				02
BFT29	S	N	TX				BFT69	02
BFT30	S	N	TX				BFT70	02
BFT31	S	N	TX				BFT71	02
BFT32	S	N	TX		40635		BFT35	02
BFT33	S	N	TX		40409		BFT36	02
BFT34	S	N	TX		2N2405		BFT37	02
BFT35	S	P	TX		2N4314		BFT32	02
BFT36	S	P	TX		40410		BFT33	02
BFT39	S	N	TX	BSX47-10	BSW54	40409	2N2219A	BFT79 02
BFT40	S	N	TX	BSX46-10	BSW54	40628	2N2219A	BFT80 02
BFT41	S	N	TX	BSX46-16	BSW54	40628	2N2219A	BFT81 02
BFT47	S	N	SE	(BF457)	BF267			02
BFT48	S	N	SE	(BF458)	BF268			02
BFT49	S	N	SE	(BF459)	BF269			02
BFT53	S	N	TX	(BCX74-16)			BFT20	02
BFT54	S	N	TX	(BCX73-16)			BFT21	02
BFT55	S	N	TX	(BCX73-16)			BFT22	02
BFT60	S	P	TX	BSV17-10	BFS95	2N4037	2N4036	02
BFT61	S	P	TX	BSV18-8	BFS95	2N4037	2N4036	02
BFT62	S	P	TX	BSV15-10	BFS95	40815	2N4036	02
BFT69	S	P	TX	(BSV17-10)			BFT29	02
BFT70	S	P	TX	(BSV17-10)			BFT30	02
BFT71	S	P	TX	(BSV16-16)			BFT31	02
BFT79	S	P	TX	BSV17-10	BFS93	2N4037		BFT39 02
BFT80	S	P	TX	BSV17-10	BFS93	40815	2N4037	BFT40 02
BFT81	S	P	TX	BSV16-16	BFS95	2N4036		BFT41 02
BFV56	S	N	TX	(BSX49)		(2N3252)		02
BFV56A	S	N	TX	(BSX49)		(2N3253)		02
BFV57	S	N	TX	(BSX49)		(2N4013)		02
BFV57A	S	N	TX	(BSX49)		(2N4014)		02
BFV63	S	N	TX	BCW73-16		(2N2222)		02
BFV63A	S	N	TX	BCW74-16		(2N2222A)		02
BFV63B	S	N	TX	BCW73-16		(2N2221)		02
BFV64	S	P	TX	BCW76-16		(2N2907A)		02
BFV64A	S	P	TX	(BCW76-16)		(2N2907A)		02
BFV64B	S	P	TX	BCW76-16		(2N2906)		02
BFV65	S	N	TX	(BSY63)		(2N914)		02

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
BFV65A	S	N	TX	(BSY83)	(2N2369)			02
BFV65B	S	N	TX	(BSY83)	(2N2369A)			02
BFV66	S	N	TX	(BSX49)	(2N2539)			02
BFV66A	S	N	TX	(BSX49)	(2N2540)			02
BFV67	S	N	TX	(BSY17)	(2N709)			02
BFV68	S	N	TX	BC414B	(2N930)			02
BFV68A	S	N	TX	BC414B	(2N2484)			02
BFV69	S	N	TX	(BFX89)	(2N918)			02
BFV69A	S	N	TX	(BFX89)	(2N2865)			02
BFV90	S	N	TX	(BSY34)				02
BFV90A	S	N	TX	(BSY34)	BSW54	2N2219A		02
BFV90B	S	N	TX	(BSY34)	BSW54	2N2219A		02
BFV99	S	N	TX	(BSX48-6)				02
BFW10	J	N	PH, MU, V		2N4416	2N3823		02
BFW11	J	N	PH, MU, V		2N4416	2N3822		02
BFW16	S	N	PH, MU, V, AM, PE	BFW16A	BFY40	2N4875	2N4878	02
BFW16A	S	N	PH, MU, V, S	BFY39		2N918		02
BFW17	S	N	MU, PH, V, AM, PE	BFW16A		2N3866	2N4876	02
BFW17A	S	N	MU, PH, V, RA, PE	BFW16A	BFY39	2N918		02
BFW19	S	N	AT			2N3137		02
BFW20	S	P	MO, SG, TX, TD	(BC416B)	BCY71	2N3962	2N3965	02
BFW21	S	P	TX, TD	BCY70		2N3963	2N3965	02
BFW22	S	P	MO, SG, TX, TD	BC416C	BCY70	2N3964	2N3965	02
BFW23	S	P	MO, SG, TX, TD	(BC416C)	BCY70	2N3965		02
BFW24	S	N	MO, SG, TX, TD	BSX46-6	BFX85	2N2193	2N2102	02
BFW24	S	N				2N1893	2N3108	02
BFW24	S	N				2N2193A		02
BFW25	S	N	MO, SG, TD	BSX45-16	BFY51	2N2192	2N1711	02
BFW25	S	N				2N2297	2N3109	02
BFW25	S	N				2N2192A		02
BFW26	S	N	MO, SG, TD	BSX45-6		2N2193	2N697	02
BFW26	S	N				2N2297	2N3110	02
BFW26	S	N				2N2193A		02
BFW29	S	N	TX, LI, TD	BSX45-6		2N2219A		02
BFW30	S	N	MU, S, PH, V	BFY69	BFY37	2N918	MT1061A	02
BFW31	S	P	TX, TD	BCW76-16	BSW24	2N2907	2N2907A	02
BFW32	S	N	TX, TD	BCW73-16		2N2222		02
BFW33	S	N	TX, SG, TD	BSX47-6	BFX85	2N1893		02
BFW34	S	N	LI	BSX45	BSX45-6	2N4432	2N2297	02
BFW34	S	N		BFY51				02
BFW35	S	N	LI	BSX45	BSX45-10	2N5203	2N2297	02
BFW35	S	N		BFY51				02
BFW36	S	N	LI, TD	(BF458)		2N5073	2N3114	02
BFW36	S	N				2N5059		02
BFW37	S	N	LI, TD	(BF457)		2N3114		02
BFW38	S	N	LI	(BF458)				02
BFW39	S	N	TD			2N2915		02
BFW39A	S	N	TD			2N2919A		02
BFW40	S	N	TD			2N2916		02
BFW40A	S	N	TD			2N2916		02
BFW41	S	N	LI, TD	BFY90		2N918		02
BFW42	S	N	LI	(BFW16A)				02
BFW43	S	P	TX, AT			2N4357	2N3494	02
BFW43	S	P				2N5059		02
BFW44	S	P	S, SG, TX, AT	BFT19		2N4358	2N3495	02
BFW44	S	P				2N5059		02
BFW45	S	N	MU, PH, V, RA, AM	(BF457)	BF257	SE7001		02
BFW45	S	N		BF174				02
BFW46	S	N	MO, TX, V, PH	BSX72		2N3924	2N3553	02
BFW47	S	N	MO, TX, V, PH			2N3553	2N719A	02
BFW47	S	N				40478		02
BFW51	S	N	TD			2N2974	2N2639	02
BFW51A	S	N	TD			2N2978		02
BFW52	S	N	TD			2N2975	2N2642	02
BFW52A	S	N	TD			2N2979		02
BFW54	J	N	TX			2N3822		02
BFW55	J	N	TX			2N3822		02
BFW56	J	N	TX			2N5393		02
BFW57	S	N	MU, PH, MN, PE	(BC337-16)		SE6020		02
BFW58	S	N	MU, PH, MN, PE	(BC337-16)	BFW57	SE6020		02
BFW59	S	N	MU, PH, MN, PE	BC337-16	BFW57	SE6020		02
BFW60	S	N	MU, PH, MN, PE	BC337-16	BC147A	SE6020		02
BFW60	S	N		BFW57				02
BFW61	S	N	PH, MU, V			2N4222		02
BFW63	S	N	SG, AT	(BF198)		FT129		02

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
BFW64	S	N	SG, AT	(BF198)		MT1061				02
BFW66	S	N	SG, AT	(BSY34)		2N2219A				02
BFW67	S	N	SG, AT	(BF459)		2N5058				02
BFW68	S	N	SG, AT, TX	(BSX49)		2N2222A				02
BFW69	S	N	SG, AT	(BFX55)						02
BFW70	S	N	SG, AT	(BF199)						02
BFW71	S	N	SG, AT	(BSX49)						02
BFW80	S	N	LI	(BCW78-16)	BFY51	2N2297				02
BFW87	S	P	MU	(BC327-16)						02
BFW88	S	P	MU	(BC327-16)	BFW87					02
BFW89	S	P	MU	(BC327-16)	BFW87					02
BFW90	S	P	MU	BC327-16	BFW87					02
BFW91	S	P	MU	BC327-16	BFW87					02
BFW96	S	N	MU			2N4416				02
BFW97	S	N	FE	(BFX89)	BFX73	2N918				02
BFW97K	S	N	FE	(BFX89)						02
BFW97L	S	N	FE	(BFX89)						02
BFW97M	S	N	FE	(BFX89)						02
BFW99	S	N	S	BFR15						02
BFW99S	S	N	S	(BFS55)						02
BFX11	S	P	TX, AT			2N3726	2N3350			02
BFX11	S	P	TX, AT			2N3351				02
BFX12	S	P	MU, V, SG, TX	BC178	BCY78VII	2N3965	MPS6518	2SA548		02
BFX12	S	P	MU, V, SG, TX	8C262	BC178VI	2N2894	2N2411			02
BFX12	S	P	MU, V, SG, TX	BC213	BC205					02
BFX12	S	P	MU, V, SG, TX	BCY71						02
BFX13	S	P	MU, V, SG, TX	BC262	BCY78VII	2N2907A	MPS6518	2SA548		02
BFX13	S	P	MU, V, SG, TX	BC213	BC178VI	2N2412	2N2894			02
BFX13	S	P	MU, V, SG, TX	BSW24	BC178					02
BFX14	S	N	SG, TX, AT	BSY58	BSW54	2N2883	2N2219A			02
BFX15	S	N	AT			2N2060	2N2919			02
BFX17	S	N	SG, AT, TX			(2N3553)	2N3053			02
BFX17	S	N	SG, AT, TX			2N3725	2N2863			02
BFX18	S	N	SG, TX, AT	BFX60	(BF198)	2N918	2N4134			02
BFX18	S	N	SG, TX, AT	BF173	BF225		T1585			02
BFX19	S	N	SG, AT	BFX60	(BF198)	2N918	2N4135			02
BFX19	S	N	SG, AT	BC109	BF173	T1584				02
BFX20	S	N	SG, AT	(BF198)	BF173	2N918	2N4135			02
BFX20	S	N	SG, AT	BFX60		T1584				02
BFX21	S	N	SG, AT	(BF198)	BF173	2N918	2N4135			02
BFX21	S	N	SG, AT	BFX59						02
BFX25	S	P				2N3504				02
BFX29	S	P	MU, V, TX, SG, ME	(BCW80-16)	BC161	2N4036	2N2905A	2SA537		02
BFX29	S	P	MN, NS, NT, PE, TD			2N2905				02
BFX30	S	P	MU, V, TX, SG, NT	(BCW80-16)	BC161	2N4036	2N2905	2SA537		02
BFX30	S	P	MU, V, TX, SG, NT			2N3503				02
BFX30	S	P	MU, V, TX, SG, NT			2N3503				02
BFX31	S	N	AT, SG	BFX29	BFX60	2N3503	2N4134			02
BFX31	S	N	AT, SG	(BF198)						02
BFX31	S	N	AT, SG	BC173						02
BFX32	S	N	TF, TD	(BF199)						02
BFX33	S	N	TF	(BFX55)		2N2218				02
BFX34	S	N	MU, PH, TF, V, PE	(BSX63-10)	BUY47					02
BFX34	S	N	SG, AT, F							02
BFX35	S	P	SG, TX							02
BFX35	S	P	SG, TX	BCY79VIII	BCY71	2N3504	2N3505			02
BFX36	S	P	TX, AT			2N3965				02
BFX36	S	P	TX, AT			2N4024	2N3810			02
BFX37	S	P	MU, SG, TX, NS, AT	BCY77VII		2N2907A	2N3962			02
BFX38	S	P	SG, TX, AT, F	BSV16-16	BC161	2N4032	2N4036			02
BFX38	S	P	SG, TX, AT, F	BFS95						02
BFX39	S	P	SG, TX, AT, F	BSV16-16	BFS95	2N4030	2N4036			02
BFX40	S	P	SG, TX, AT, F	BSV17-10	BC161	2N4031	2N4033			02
BFX40	S	P	SG, TX, AT, F							02
BFX41	S	P	SG, TX, AT, F	BFS93		2N4037				02
BFX41	S	P	SG, TX, AT, F	BSV17-6	BC161	2N4031	2N4030			02
BFX43	S	N	MU, PH, AM, RA, PE	(BSY63)		2N4037	2N2368			02
BFX43	S	N	TX			2N2369				02
BFX44	S	N	MU, PH, AM, PE	(BSY63)		2N2368	2N2369			02
BFX44	S	N	RA, TX							02
BFX45	S	N	V, RA	(BC2388)	BCW49	2N2222		2SC907		02
BFX45	S	N	V, RA	BC148						02
BFX47	S	N	V	BFY90						02
BFX48	S	P	TX, AT			2N2905	2N4034			02
BFX50	S	N	RA, TX	(BSX46-6)	BSX33	2N2222A	2N731			02
BFX51	S	N	RA, TX	(BSX47-6)	BSX33	2N2222A	2N731			02
BFX52	S	N	RA, TX	(BSX48)	BSX33	2N2222A	2N731			02
BFX63	S	N	TF	BFY90						02

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
BFX55	S	N	S	BFS23	2N3868			
BFX59	S	N	S	BFX89	2N918	FT129		
BFX60	S	N	S	BF173	FT129	2N918		
BFX61	S	N	SE	BSX47-6	2N1893			02
BFX62	S	N	S	BF180				
BFX63	S	N	V, MU		3SK20			
BFX65	S	P	TF, TX	BC179	2N3965			
BFX66	S	N	MO, AT		2N998			
BFX67	S	N	MO, AT		2N997			
BFX68	S	N	SG, TX, AT, MO	BSX45-16	BFY51	2N1711	2N2297	02
BFX68A	S	N	SG, AT, TX	BSX45-16	BFY51	2N1711	2N2297	02
BFX69	S	N	SG, TX, MO, AT	BSX45-6	BFY51	2N697	2N1613	02
BFX69	S	N	SG, TX, MO, AT			2N2297		02
BFX69A	S	N	SG, TX, MO, AT	BSX45-6	BFY51	2N1613	2N3110	02
BFX69A	S	N	SG, TX, MO, AT			2N2297		02
BFX70	S	N	MO, TX, AT		2N2060			
BFX71	S	N	MO, TX, AT		2N2223			
BFX72	S	N	MO, TX, AT		2N2223A			
BFX73	S	N	SG, TX, AT, MO	BFY90	2N918			02
BFX74	S	P	SG, TX, MO, AT	BSV16-6	BFY90	2N4037	2N1131	02
BFX74	S	P	SG, TX, MO, AT			2N4036		02
BFX74A	S	P	SG, TX, MO, AT	BSV16-6	BFX29	2N4314	2N1132	02
BFX74A	S	P	SG, TX, MO, AT			2N2905A		02
BFX77	S	N	SE, TD	(BF198)	BF115	2N918		02
BFX77	S	N	SE, TD	BF173				02
BFX82	S	P	AT		2N4381			
BFX83	S	P	AT		2N4382			
BFX84	S	N	MU, FE, ME, MN	BSX46-6	BFY50	2N3108	2N2297	02
BFX84	S	N	NS, NT, SG, TX					02
BFX85	S	N	MU, TX, SG, FE	BSX46-10	BSW66	2N2405	2N3107	02
BFX85	S	N	ME, MN, NS, NT		2N4001			02
BFX86	S	N	MU, TX, SG, ME	BSX45-10	BFX85	2N1711	2N3109	02
BFX86	S	N	MN, NS, NT		2N2297			02
BFX87	S	P	MU, TX, SG, ME	BSV16-10	BFX30	2N4036	2N2904A	02
BFX87	S	P	MN, NS, NT, V, TD			2N2905A		02
BFX88	S	P	MU, TX, SG, ME	BSV15-10	BFX30	2N4037	2N2904	02
BFX88	S	P	MN, NS, NT, V, TD			2N2905A		02
BFX89	S	N	MU, S, TF, V			2N918	MT1061	
BFX89N	S	N		BF384	BF385			
BFX90	S	P	MO, AT			2N3930		
BFX91	S	P	MO, SG, AT	BF1288		2N3931		02
BFX92	S	N	SG, TX	BC414B	BC109	2N929	2N930	02
BFX92A	S	N	SG, TX	(BC414B)		2N2483		02
BFX93	S	N	SG, TX	BC414B		2N930		02
BFX93A	S	N	SG, TX	(BC414B)		2N2484		02
BFX94	S	N	SG, TX, AT	(BCW73-16)	BSW64	2N2221	2N2222A	02
BFX94A	S	N	SG, TX, AT	(BCW73-16)				02
BFX95	S	N	SG, TX, AT	(BCW73-16)	BSW64	2N2222	2N2222A	02
BFX95A	S	N	SG, TX, AT	(BCW73-16)				02
BFX96	S	N	SG, AT, TX	BCW77-16	BSW54	2N2218	2N2219A	02
BFX96A	S	N	SG, TX, AT	BCW77-16				02
BFX97	S	N	SG, TX, AT	BCW77-16	BSW54	2N2219	2N2219A	02
BFX97A	S	N	SG, TX, AT	BCW77-16				02
BFX98	S	N	SG, AT, TX	(BF457)	BF257	2N3114		02
BFX98	S	N	SG, AT, TX	BF258				02
BFX99	S	N	MO, TX, AT		2N2060B			
BFY10	S	N	MU, PH, V, TX, AM	BFY33	BC237A	40814	2N929	02
BFY10	S	N	PE, RA	BFY55	BSX45	2N1565		02
BFY10	S	N		BFX45	BC107			02
BFY11	S	N	MU, PH, V, TX, AM	BSX45	BC237A	40814	2N1566	02
BFY11	S	N	PE, RA	BFY50	BC107	2N929	2N930	02
BFY11	S	N	PE, RA	BFY33				02
BFY12	S	N	S	BFY11	BSX45	2N2219	2N2218A	02
BFY12	S	N	S	BSX73	BCY13	2N2219A		02
BFY12	S	N	S	BFY10				02
BFY128	S	N	S	BSX45-6		2N2218A		02
BFY12C	S	N	S	BSX45-10		2N2218A		02
BFY12D	S	N	S	BSX46-16		2N2219A		02
BFY13	S	N	S	BSX46	BCY14	2N2219	2N2219A	02
BFY13B	S	N	S	BSX46-6		2N2218A		02
BFY13C	S	N	S	BSX46-10		2N2218A		02
BFY13D	S	N	S	BSX46-16		2N2219A		02
BFY14	S	N	S	BSX47	BFY43			02
BFY14	S	N	S	BCY16	BF140			02
BFY14B	S	N	S	BSX47-6				02

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
BFY14C	S	N	S	BSX47-10				02
BFY14D	S	N	S	BSX47-10				02
BFY15	S	N	IN	BFY67	(BCW77-16)	2N697	2N2219	02
BFY15				BFY33		2N930		02
BFY16	S	N	IN	(BCW77-16)	BFY12	2N697	2N2219	02
BFY17	S	N	IN, TX	BFX55	BCY59VII	40317	2N708	02
BFY17				BSX72	BFY10	2N2219	2N2222	02
BFY17				BFY12		2N3014	2N2218	02
BFY18	S	N	ST, TX, SG, IN	BSY93	BCY59VII	2N2222	2N708	02
BFY18				BCY59	BSX75	2N3014	2N2222A	02
BFY18				BFY87	BSY63			02
BFY18				BSW64				02
BFY19	S	N	ST, TX, SG, IN	BFY33	BCY58VII	2N708	2N3014	02
BFY19				BSY19	BSY63	2N753	2N930	02
BFY19				BC108A	BSW64			02
BFY20	S	N	IN	BF173		2N2218		02
BFY22	S	N	IN	BFY87ye	(BC121w)	2N930		02
BFY22				BC146r	8C121		2SC475	02
BFY22				BF224	BFY47r			02
BFY23	S	N	IN	BFY87ye	(BC121w)	2N930		02
BFY23				BC146r	BC121ye			02
BFY23				BF224	BFY47ye			02
BFY23A	S	N	IN	BC146br	(BC121gn)		2SC476	02
BFY23A				BF224	BC146gn			02
BFY23A				BFY87w				02
BFY24	S	N	IN	BFY87A	(BC121w)	2N930	2N918	02
BFY24				BC146r	BC121			02
BFY24				BFY47r				02
BFY25	S	N	IN, ST	(BCW78-16)	BSY28	2N2219		02
BFY26	S	N	IN, SG, TX, ST	(BCW74-16)	BSY63	2N708	2N2219A	02
BFY27	S	N	IN, TD, TF, TX	(BCW74-16)	BFY28	2N915	2N918	02
BFY27				BF167		2N2221A	2N2222A	02
BFY27N	S	N	IN	BCY86				02
BFY28	S	N	IN, ST	BC182A	BSY34	2N2221		02
BFY29	S	N	IN	BC123	(BC123w)	2N930		02
BFY29				BFY49r	BC146r			02
BFY30	S	N	IN	8C130	(BC123ye)	2N930		02
BFY30				BFY49r	BC146r			02
BFY31	S	N	S	BSX45-6				02
BFY33	S	N	S, TX	BSX46	BSX45-6	2N697	2N1613	02
BFY33				BFX33	BSY92			02
BFY33				BSX95				02
BFY34	S	N	S, TX, MO, SG, AT	BSX45	BSX45-6	2N697	2N1613	02
BFY34				BFY51	BSY44	2N2297		02
BFY34				BSX95				02
BFY37	S	N	IN, TX, ST	BSY95A	BSW64	2N2222	2N2222A	02
BFY37				BC238A	BC108A	2N2218		02
BFY37				BSY70	BSX48			02
BFY37				BSX93	BC107			02
BFY37i	S	N	IN	BC108A	BC238A	2N2218	2SC907	02
BFY37i				8C107	BSX48			02
BFY37i				BFY37	BSY70			02
BFY37i				BC238				02
BFY39	S	N	IN, NS, TX	BSY39	BC237A	2N930	2N929	02
BFY39				8C183	BC107			02
BFY39				BFY27				02
BFY39i	S	N	IN	BC237A	BC107A		2SC284	02
BFY39i				BFY39	BC182			02
BFY39i	S	N	IN, NS, TX, V	BC107A	BC182			02
BFY39i	S	N	IN, NS, TX, V	BC237A	BC107A			02
BFY39i				8C107B				02
BFY39i	S	N	IN, NS, TX, V	BC237A	BC107B			02
BFY39i				BC107C				02
BFY40	S	N	TX, IN, ST	BSY92	BF178	2N1313	40320	02
BFY40				BSX45-6	BFY51	2N2297	2N1613	02
BFY40				BFY34	BSY44	2N2218		02
BFY40				BSX44	BC140			02
BFY41	S	N	TX, SG, IN, ST	BF258	BSX47-6	2N1893	2N2218A	02
BFY41				BF140	8F111	2N698		02
BFY41				BF257	BSY45			02
BFY42	S	N		8C107		2N697		02
BFY43	S	N	TX, SG, IN	BF140	BF257	2N3114	2SC154C	02
BFY43				(BF457)	BSW68			02
BFY43				BF110	8F178			02
BFY43				BF114	BF258			02

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
BFY44	S	N	MU, PH, V, TX, -	BFY12	SFT443	2N3553		02
BFY44	S	N	AM, RA			2N3725		02
BFY45	S	N	S, TX	BF178	(BF457)	40480	2SC857	02
BFY45				BF166	BFY65	SE7002		02
BFY45				BSW66				02
BFY46	S	N	S, AT, TX	BSX45	BSX45-16	2N1711	2SC479	02
BFY46				BSY71	BSX96			02
BFY47	S	N	S	(BC121w)	BC121			02
BFY47b	S	N	S	(BC121w)				02
BFY47r	S	N	S	(BC121w)				02
BFY48	S	N	S	(BC122w)	BC122	2N930		02
BFY48b	S	N	S	(BC121w)				02
BFY48r	S	N	S	(BC121w)				02
BFY49	S	N	S	(BC123w)		2N930		02
BFY49b	S	N	S	(BC123w)				02
BFY49r	S	N	S	(BC123w)				02
BFY50	S	N	MU, AM, PH, NS, IT	BSY85	BSX45-6	2N1893	2N697	02
BFY50			TX, V, AT, ME, MN	BSX46	BSY46	2N4047	2N2193	02
BFY50			NT, PE, RA, SG			2N2222	2N3253	02
BFY50E	S	N	LI	BSX45-6	BFY51	2N2297		02
BFY50I	S	N	IN	BC238A				02
BFY51	S	N	MU, AM, PH, AT, IT	BSY85	BSX45-6	2N2297	2N697	02
BFY51			V, TX, ME, MN, NS	BSY45	BSY46	2N4046	2N2193	02
BFY51			NT, PE, RA, SG			2N3053	2N3252	02
BFY51I	S	N	IN	BC238A				02
BFY52	S	N	MU, PH, AM, MN	BFY56	BSX45-10	2N2219	2N3252	02
BFY52			AT, V, TX, ME, NS	BFY51	BSX45	2N3053	2N3724	02
BFY52			NT, PE, RA, SG	BSY46		2N2192	2N2297	02
BFY53	S	N	MU, PH, MN, NT, V, TX	BFY51	BSX45-6	2N2192	2N2297	02
BFY53				BSX46	BSY46			02
BFY55	S	N	MU, PH, V, TX, MO	BSX45-6	BSY46	2N2193	2N697	02
BFY55				BFY51		2N3253	2N2297	02
BFY56	S	N	SG, TX, MO, ME, - NS, AT	BSY83	BSX45-10	2N3110	2N699	02
BFY56				BSX61	BSX46	2N2294	2N3252	02
BFY56				BFY51	BFY50			02
BFY56A	S	N	SG, TX, AT, TF	BSX45-6	BSW65	2N3108	2N2297	02
BFY56A				BFY51				02
BFY56B	S	N	SG, AT	BSX45-6				02
BFY57	S	N	SG, TX	BF140	(BF457)	SE7002	2N5059	02
BFY57				BF117	BF257	2N3114		02
BFY57				BF110				02
BFY63	S	N	SG, LI, AT, TD	(BFX55)		2N3137	2N3866	02
BFY63						2N2883		02
BFY64	S	P	SG, ME, TX, AT, TD	(BCW80-16)	BFX29	2N2905	2N2905A	02
BFY65	S	N	TF, TX	BC141	(BF457)	2N2243	2N1990	02
BFY65				BSY65	BFY80	2N1893	2N3036	02
BFY65				BC255	BF177			02
BFY65				BF156				02
BFY66	S	N	TF, AT, MO, TX	BFY90	BFX62	2N918	S8528	02
BFY66				BF180				02
BFY67	S	N	V, PH, TX, MO, AM	BFY51	BSX45-6	2N3053	2N1613	02
BFY67			MN, PE, RA	BSY44	BSY52	2N2297		02
BFY67A	S	N	V, TX	BSX45-6		2N1613	2N2219	02
BFY67C	S	N	V, TX	BSX45-6		2N2219		02
BFY68	S	N	PH, V, TX	BSX45-16	BSY71	2N1711	2N2297	02
BFY68				BFY51				02
BFY68A	S	N	V	BSX46-16		2N2219		02
BFY69	S	N	TF	BC386	(BC122)	2N706A		02
BFY69				BC146				02
BFY69gn	S	N	TF	(BC122w)				02
BFY69gr	S	N	TF	(BC122bl)				02
BFY69r	S	N	TF	(BC122w)				02
BFY69ye	S	N	TF	(BC122w)				02
BFY69v	S	N	TF	(BC122ye)				02
BFY69w	S	N	TF	(BC122gn)				02
BFY69A	S	N	TF	(BC122)	BC146			02
BFY69Agn	S	N	TF	(BC122w)				02
BFY69Agr	S	N	TF	(BC122bl)				02
BFY69Aye	S	N	TF	(BC122w)				02
BFY69Av	S	N	TF	(BC122ye)				02
BFY69Aw	S	N	TF	(BC122gn)				02
BFY69B	S	N	TF	(BC122)				02
BFY69Bgn	S	N	TF	(BC122w)				02
BFY69Bgr	S	N	TF	(BC122bl)				02
BFY69Br	S	N	TF	(BC122w)				02

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
BFY698ye	S	N	TF	(8C122w)						02
BFY698v	S	N	TF	(8C122ye)						02
BFY698w	S	N	TF	(8C122gn)						02
BFY70	S	N	MU, PH, V, TX	SFT443		2N3553	2N3053			02
BFY70	S	N	AM, RA			2N3724				02
BFY72	S	N	SG, NS, TX, AT	(8SY34)		2N2218	2N2219			02
BFY73	S	N	SG, AT, TX	(8SY34)		2N2219				02
BFY74	S	N	SG, AT, MO, TX	BC182A	BSW64	2N2221	2N915			02
BFY74	S	N	SG, AT, MO, TX	BC182B	BSW64	2N2222A				02
BFY75	S	N	SG, AT, MO, TX			2N2221	2N2222A			02
BFY75	S	N	SG, NS, TX, AT	8C414B	8C109	2N915	2N930			02
BFY76	S	N	SG, NS, TX, AT			2N929				02
BFY76	S	N	SG, TX, TD	8C414B	8C109	2N2483				02
BFY77	S	N	SG, TX, MO, TD	(8FY90)	8C109	2N929	2N930			02
BFY78	S	N	SG, TX, MO, TD			2N918	2N2865			02
BFY79	S	N				2N3737	TL84			02
BFY79	S	N				2N4390				02
BFY80	S	N	TF, TX	BSW32	(8F457)	2N2896	2N1990			02
BFY80	S	N	TF, TX	BC394	8F177	2N2243	2N719A			02
BFY80	S	N	TF, TX	BSY56		2N3036				02
BFY81	S	N	TX, TD, AT			2N2917	2N2642			02
BFY81	S	N	TX, TD, AT			2N2643				02
BFY82	S	N	TX, TD, AT			2N2982				02
BFY83	S	N	TX, TD, AT			2N2223	2N2060			02
BFY84	S	N	TX, TD, AT			2N3423				02
BFY85	S	N	TF	BCY87	BF184	2N2640	2N3036	2SC280		02
BFY85	S	N	TF	BFY19		2N2896				02
BFY86	S	N	TF	BCY89	BF185	2N2639	2N3036			02
BFY86	S	N	TF	BFY19						02
BFY87	S	N	TF	BFY19	BC146	2N930	2N5181			02
BFY87	S	N	TF	BCY83	BC122					02
BFY87	S	N	TF	BF185						02
BFY87gn	S	N	TF	(8C122w)						02
BFY87gr	S	N	TF	(8C122bl)						02
BFY87r	S	N	TF	(8C122w)						02
BFY87ye	S	N	TF	(8C122w)						02
BFY87v	S	N	TF	(8C122ye)						02
BFY87w	S	N	TF	(8C122gn)						02
BFY87A	S	N	TF	BC146	8C122					02
BFY87Agn	S	N	TF	(8C122w)						02
BFY87Agr	S	N	TF	(8C122bl)						02
BFY87Aye	S	N	TF	(8C122w)						02
BFY87Av	S	N	TF	(8C122ye)						02
BFY87Aw	S	N	TF	(8C122gn)						02
BFY88	S	N	TF	8F185	(8F199)	FT129	SE50308	2SC707		02
BFY88	S	N	TF	BFY19	BFX89	2N5181				02
BFY88	S	N	TF	BF224	BFX60					02
BFY88	S	N	TF	BF180						02
BFY90	S	N	TF	BF169	BF357	2N2857	MT1061			02
BFY90	S	N	TF			2N3013	2N2222			02
BFY90B	S	N	MU	BFY90						02
BFY91	S	N	TX, MO, IN	BCY59VII	BFY86	2N2642	2N2915	2SC280		02
BFY91	S	N	TX, MO, IN	BF169						02
BFY92	S	N	TX, MO, IN	BCY59VII	BFY85	2N2643	2N2917	2SC280		02
BFY92	S	N	TX, MO, IN	BF169						02
BFY93	S	N	TF			2N2920				02
BFY94	S	P	SG, TX	8CW80-16		40594	2N2904			02
BFY95	S	P				2N2906				02
BFY99	S	N	S	SFT443		2N3553	2N706A			02
BFZ10	S	P		BCZ11						02
BLW11	S	N	TX	(8FW16A)						03
BLY10	S	N	IN	(8DY12-6)						03
BLY11	S	N	IN	(8DY12-6)						03
BLY12	S	N	IN, IT	(8DY12-10)						03
BLY14	S	N	PH, MU, V	SFT443		2N3553				03
BLY15	S	N	IN	(8DY13-6)	SFT443A					03
BLY15A	S	N	IN	(8DY13-6)		2N3632				03
BLY16	S	N	IN	(8DY13-6)	SFT443A					03
BLY17	S	N	MU	SFT441A	8LY16					03
BLY20	S	N	V	8LY16	SFT443A	2N3376				03
8LY21	S	N	V	8LY16	SFT443A	2N3632				03
8LY22	S	N	S	SFT440		2N3375	2N3632			03
8LY25	S	N	AT			2N4118				03
8LY26	S	N	AT			2N4116				03
8LY27	S	N	SE	SFT440		2N3376				03

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
BLY28	S	N	SE	SFT443A	BLY16					03
BLY29	S	N	AT			2N4075				03
BLY30	S	N	AT			2N4076				03
BLY36	S	N	MU			MSA8506	2N3375			03
BLY40	S	N	LI			2N5072				03
BLY47	S	N	TX	BUY55		2N4915				03
BLY47A	S	N	TX	(BUY55)		2N3054				03
BLY48	S	N	TX	BUY55						03
BLY48A	S	N	TX	(BUY55)						03
BLY49	S	N	TX	BUY56						03
BLY49A	S	N	TX	(BUY56)						03
BLY50	S	N	TX	BUY56						03
BLY50A	S	N	TX	(BUY56)						03
BLY55	S	N	MU			MSA8507				03
BLY57	S	N	V			2N3926	2N3632			03
BLY58	S	N	V			2N3937	2N3632			03
BLY59	S	N	V			2N3375				03
BLY60	S	N	V			2N3927	2N3632			03
BLY62	S	N	TX			MSA8507				03
BLY63	S	N	TX			MSA8506				03
BLY64	S	N	AT			2N5002				03
BLY65	S	P	AT			2N5003				03
BLY66	S	N	AT			2N5004				03
BLY68	S	N	SG, AT	(BU310)		2N5069				03
BLY70	S	N	SG, AT	(BU310)		2N4915				03
BLY75	S	N				2N5025				03
BSJ61	S	N	IS, RZ	BSY62A						17
BSJ62	S	N	IS, RZ	BSY62A						17
BSJ63	S	N	IS, RZ	BSY63						17
BSJ65	S	N	IS, RZ	BSY62A						17
BSJ66	S	N	IS, RZ	(BSY63)						17
BSJ67	S	N	IS, RZ	(BSY63)						17
BSJ68	S	N	IS, RZ	(BSY63)						17
BSS10	S	N	AT	(BSY63)	BSX20	2N3261	2N2222A			17
BSS10	S	N	AT	BSW64						17
BSS11	S	N	AT	(BSY63)	BSX20	2N2369	2N2369A			17
BSS12	S	N	AT	(BSY18)	BSX20	2N3011	2N2369			17
BSS13	S	N	AT	BSY34	BS527	2N5189	2N3053			17
BSS13	S	N	AT			2N5262				17
BSS14	S	N	AT	(BSY34)	BFX34	2N5262				17
BSS14	S	N	AT	BSS27						17
BSS15	S	N	AT	(BSX47-10)	BSV94	2N5320				17
BSS15	S	N	AT	BS542						17
BSS16	S	N	AT	BSX46	BSV93	2N5321	2N5320			17
BSS16	S	N	AT	BS542						17
BSS17	S	P	AT	(BSV17-10)		2N5322	2N4036			17
BSS17	S	P	AT			2N4929				17
BSS18	S	P	AT	(BSV17)		2N5323	2N4036			17
BSS19	S	N	TX	BSW69						17
BSS20	S	N	TX	BSW69						17
BSS21	S	N	TX	(BSY18)						17
BSS23	S	N	TF, TX	BSX49	BSX33	2N731				17
BSS26	S	N	AT, SG, TX	BSX49	BSX33	2N731				17
BSS27	S	N	MU, PH, V, PE, TX	(BSY34)	BSX59	2N3444				17
BSS28	S	N	MU, PH, V, PE	(BSY34)	BS527	2N5262				17
BSS29	S	N	MU, PH, V, PE, TX	(BSY34)	BS527	2N5262				17
BSS30	S	N	AT, TX	BSX46-6	BSW33	2N2102	2N4001			17
BSS31	S	N	AT, TX	BSX46-16	BF156	2N1990				17
BSS32	S	N	AT, TX	BSX47-6	BSW66	2N2405	2N4001			17
BSS33	S	N	LI, TX	(BF458)						17
BSS34	S	N	TX	(BF457)						17
BSS35	S	N	TX	(BF457)						17
BSS38	S	N	V, MU, S	(BF457)	BSX21	2N1990R				17
BSS40	S	N	V, TX	BSX49	BSX33	2N731				17
BSS41	S	N	V, TX	BSX49	BSX33	2N731				17
BSS42	S	N	TF			2N5320				17
BSS43	S	N	TF	BSS42		2N5320				17
BSS45	S	N	TF			2N5320				17
BSS46	S	P	TF			2N5322				17
BSS48	S	N	TF			2N3440				17
BSS49	S	N	TF			2N3439				17
BSS68	S	P	V, MU, S			2N3497				17
BSV15	S	P	TF, SG, PH, S, V	BFR23		2N2905	2N4037			17
BSV16	S	P	TF, SG, PH, S, V			2N4036	2N4030			17
BSV15-6	S	P	V, TF, S	8FS93		2N4037				17

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
BSV15-10	S	P	V, TF, S	BFS93		2N4037		17
BSV15-16	S	P	V, TF, S	BFS93		2N4037		17
BSV16	S	P	TF, SG, PH, S, TX	BFR23		2N2905	2N4314	17
BSV16	S	P	V			2N4036	2N4030	17
BSV16-6	S	P	ML, SG, S, TF, V	BFS93		2N4314	2N4037	17
BSV16-10	S	P	ML, SG, S, TF, V	BFS93		2N4314	2N4037	17
BSV16-16	S	P	V, TF, S	BFS93		2N4037		17
BSV17	S	P	PH, S, V			2N5322	2N4929	17
BSV17-6	S	P	S, V	BFS93		2N4037		17
BSV17-10	S	P	S, V	BFS93		2N4037		17
BSV22	J	N	V			2N4416		17
BSV23	S	N	FE	(BSY62)	BSX20	2N2369		17
BSV23K	S	N	FE	(BSY62)				17
BSV23L	S	N	FE	(BSY62)				17
BSV23M	S	N	FE	(BSY62)				17
BSV24	S	N	FE	(BSY62)	BSX20	2N2369		17
BSV24K	S	N	FE	(BSY82)				17
BSV24L	S	N	FE	(BSY62)				17
BSV24M	S	N	FE	(BSY62)				17
BSV25	S	N	FE	(BSY18)	BSX20	2N2369		17
BSV25K	S	N	FE	(BSY18)				17
BSV25M	S	N	FE	(BSY18)				17
BSV26	S	N	FE	(BSY63)	BSX20	2N2369		17
BSV26K	S	N	FE	(BSY63)				17
BSV26L	S	N	FE	(BSY63)				17
BSV26M	S	N	FE	(BSY63)				17
BSV27	S	N	FE	(BSY63)	BSX20	2N2369		17
BSV27K	S	N	FE	(BSY63)				17
BSV27L	S	N	FE	(BSY63)				17
BSV27M	S	N	FE	(BSY63)				17
BSV28	S	N	FE	(BF457)	BSX21	2N1990R		17
BSV28K	S	N	FE	(BF457)				17
BSV28L	S	N	FE	(BF457)				17
BSV28M	S	N	FE	(BF457)				17
BSV29	S	N	FE	(BF457)	BSX21	2N1990R		17
BSV29K	S	N	FE	(BF457)				17
BSV29L	S	N	FE	(BF457)				17
BSV29M	S	N	FE	(BF457)				17
BSV33	S	P	FE	BSW25		2N3546		17
BSV36	S	N	FE	BSW35				17
BSV40	S	N	IN, IT, ST	(BSY63)	BSW64	2N2222A		17
BSV41	S	N	IN, IT, ST	(BSY63)	BSW64	2N2222A		17
BSV42	S	P	IN, IT, ST	BSV17-10	BFS95	2N4036		17
BSV43	S	P	IN, ST	BSV16-10				17
BSV43A	S	P	IN, IT, ST	BSV16-6	BFS95	2N4036		17
BSV43B	S	P	IN, IT, ST	BSV16-16	BFS95	2N4036		17
BSV44	S	P	IN, ST	BSV16-10				17
BSV44A	S	P	IN, IT, ST	BSV16-6	BFS95	2N4036		17
BSV44B	S	P	IN, IT, ST	BSV16-16	BFS95	2N4036		17
BSV45	S	P	IN, ST	BSV15-10				17
BSV45A	S	P	IN, IT, ST	BSV15-6	BFS95	2N4036		17
BSV45B	S	P	IN, IT, ST	BSV15-16	BFS95	2N4036		17
BSV46	S	P	IN, IT, ST	(BSV17-10)	BSW24	2N2907A		17
BSV47	S	P	IN, ST	(BSV16-10)				17
BSV47A	S	P	IN, IT, ST	(BSV16-6)	BSW24	2N2907		17
BSV47B	S	P	IN, IT, ST	(BSV16-16)	BSW24	2N2907A		17
BSV48	S	P	IN, ST	(BSV16-10)				17
BSV48A	S	P	IN, IT, ST	(BSV16-8)	BSW24	2N2907A		17
BSV48B	S	P	IN, IT, ST	(BSV16-16)	BSW24	2N2907A		17
BSV49	S	P	IN, ST	(BSV15-10)				17
BSV49A	S	P	IN, IT, ST	(BSV15-6)	BSW24	2N2907A		17
BSV49B	S	P	IN, IT, ST	(BSV15-16)	BSW24	2N2907A		17
BSV51	S	N	IN, TF	(BF457)	BSX21	2N4416		17
BSV52	S	N	MU, PH, V	BSV65FA	BC122			17
BSV52	S	N		BSV35				17
BSV52R	S	N	MU	BSV35				17
BSV59	S	N	AT, SG	BSX49				17
BSV60	S	N	TF	BSX62	BSV64	2N4877		17
BSV62	S	N	RA			2N4393		17
BSV64	S	N	MU, PH, V, PE	(BSX46-10)	BFX34	2N4877		17
BSV64	S	N		BSX63-6				17
BSV68	S	P	MU, PH, V, PE			2N3497		17
BSV69	S	N	TF	BSY34	BSS14	2N5321	2N3735	17
BSV77	S	N	SG, AT	(BSY34)	BSW54	2N5321	2N2219A	17
BSV78	S	N	IV, MU, PH			2N4856		17

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
BSV79	S	N	MU, V, PH			2N4857A				17
BSV80	S	N	V, MU, PH			2N4858A				17
BSV82	S	P	AT	(BSV17-6)	BFS93	2N4037				17
BSV83	S	P	AT	BSV17-6	BFS93	2N4037				17
BSV84	S	N	AT	(BSX47-6)	BFX85	2N1893				17
BSV85	S	N	AT	BSX49	BSX33	2N731				17
BSV86	S	N	V, PE	(BCW74-16)						17
BSV87	S	N	V, PE	(BCW74-16)						17
BSV88	S	N	V, PE	(BCW73-16)						17
BSV89	S	N	SG, AT	(BSY62)						17
BSV90	S	N	SG, AT	(BSY62)						17
BSV91	S	N	SG, AT	(BSY63)						17
BSV92	S	N	SG, AT	(BSY63)						17
BSV96	S	P	V, PE	BC327-16						17
BSV97	S	P	V, PE	BC327-16						17
BSV98	S	P	V, PE	BC327-16						17
BSV99	S	N	TX	(BSY18)						17
BSW10	S	N	TF	BF177	BSX46-6	2N2218A	2N3722			17
BSW10	S	N	TF	BSX46	BSX23	2N899				17
BSW11	S	N	TF	BSW59	BSW13	SE3646	2N3646			17
BSW12	S	N	TF	BSX69	BSW13	S9506	2N3646			17
BSW12	S	N	S	BF173		SE3646	2N914			17
BSW13	S	N	S	BC146						17
BSW19	S	P	TF, TX	BCY70	BCY78VII	2N2906	2N3965	2SA548		17
BSW19	S	P	TF, TX	BC177A	BCW52	40406	2N3504			17
BSW19	S	P	TF, TX	BCY78VII	BC177A					17
BSW19A	S	P	TF, TX	BCY78VIII	BC177A	2N3965				17
BSW19A	S	P	TF	BCY70						17
BSW20	S	P	TF	BCY78VIII	BC307A					17
BSW20	S	P	TF	BCY78VIII	BC307A					17
BSW20A	S	P	TF	BCY78VIII	BC307A					17
BSW21	S	P	MO, SE, TX, ML, Ss	BCY70	BC308A	2N2906	2N3965			17
BSW21	S	P	MO, SE, TX, ML, Ss	BCY72	BCY78					17
BSW21A	S	P	MO, SE, TX, Ss, ML	BC307A	BCY71	2N3965				17
BSW21A	S	P	MO, Se, TX, Ss, ML	BCY70	BC308B	2N2907	2N3965			17
BSW22	S	P	MO, Se, TX, Ss, ML	BC178B	BCY78					17
BSW22A	S	P	MO, Se, TX, Ss, ML	BC307B	BCY79VIII	2N3965				17
BSW22A	S	P	TX, MO, SG	BCY70						17
BSW23	S	P	TX, MO, SG	(BCW80-16)	BSX29	2N4037	2N2904			17
BSW23	S	P	TX, SG	(BCW78-16)		2N2905A				17
BSW24	S	P	TX, AT	BCY72		2N2906	2N2907A			17
BSW25	S	P	TX, AT			2N2894A	2N3546			17
BSW26	S	N	TX	(BSX49)	BSX69	2N4047	2N731			17
BSW26	S	N	TX	BSX33						17
BSW27	S	N	TX	(BSY34)	BSX59	2N4047	2N2219A			17
BSW27	S	N	TX	BSW54						17
BSW28	S	N	TX	(BSY34)	BSX59	2N4047	2N2219A			17
BSW28	S	N	TX	BSW54						17
BSW29	S	N	TX	(BSY34)	BSX60	2N4046	2N2219A			17
BSW32	S	N	TX	(BF457)	BSX21	2N5830				17
BSW33	S	N	V, RA	BC237A	BC147A			2SC641		17
BSW34	S	N	V, RA	BC237A	BCW47					17
BSW35	S	N	V, RA	BCY65EVII	BCW46					17
BSW36	S	P	TX	(BCW79-16)	BFX29	2N2905	2N2905A			17
BSW37	S	P	TX			2N2894				17
BSW38	S	N	TX	(BSY62)						17
BSW39	S	N	TF, TX	BSX47	BSW66	2N1893	2N4001			17
BSW39-6	S	N	TF	BSX47-6						17
BSW39-10	S	N	TF	BSX47-10						17
BSW39-16	S	N	TF	BSX47-10						17
BSW40	S	P	TF, TX	BSV17		2N4929				17
BSW40-6	S	P	TF	BSV17-6						17
BSW40-10	S	P	TF	BSV17-10						17
BSW40-16	S	P	TF	BSV17-10						17
BSW40-25	S	P	TF	(BSV17-10)						17
BSW41	S	N	MU, PH, V, AM	BSX48	BSW64	2N2222A	2N2221	2SC321		17
BSW41	S	N	PE, TX			2N3866				17
BSW42	S	N	SE, ML, Ss	BC317	BC237A	2N4966				17
BSW42	S	N	SE, ML, Ss	BC163A	BC238A					17
BSW42	S	N	SE, ML, Ss	BC207						17
BSW42	S	N	SE, ML, Ss	BC237A	BC207	2N4966				17
BSW42A	S	N	SE, ML, Ss	BCY66EVII	BC207	2N4966				17

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
BSW43	S	N	SE, ML, Ss	BC318	BC237B	2N4967				17
BSW43				BC183A	BC238B					17
BSW43				BC209	BC208					17
BSW43A	S	N	SE, ML, Ss	BC237B		2N4967				17
BSW43A				BC209						17
BSW43B	S	N	SE	BCY65EIX	BC209	2N4967				17
BSW44	S	P	SE, ML, Ss	BC321	BC307A					17
BSW44				BC213A	BC308V1					17
BSW44				BC204	BC205					17
BSW44A	S	P	SE	BC204		2N4249				17
BSW44B	S	P	SE	BCY77VII						17
BSW45	S	P	SE, ML, Ss	BC322	BC307B	2N4250				17
BSW45				BC213A	BC308B					17
BSW45				BC206						17
BSW45A	S	P	SE, ML, Ss	BC307B	BC327	2N4250				17
BSW45A				BC206						17
BSW45B	S	P	SE	BCY77IX						17
BSW49	S	N	LI, TX	BSY58		2N2219A				17
BSW51	S	N	V, MO, TX	BCW77-16	BSY34	2N2218	2N2219A	25C479		17
BSW51				BSW54						17
BSW52	S	N	V, MO, TX	BCW77-16	BSY34	2N2219	2N2219A			17
BSW52				BSW54						17
BSW53	S	N	V, MO, TX	BCW78-16	BSY34	2N2218A	2N2219A	25C479		17
BSW53				BSW54						17
BSW54	S	N	V, MO, TX	BCW78-16	BSY34	2N2219A				17
BSW58	S	N	V, TX	(BSY63)		2N2369				17
BSW59	S	N	V, TX	(BSY62)		2N2369				17
BSW61	S	N	V, MO, TX	BCW73-16	BSX49	2N2221	2N2221A			17
BSW61				BSW64						17
BSW62	S	N	V, MO, TX	BCW73-16	BSX49	2N2222	2N2221A			17
BSW62				BSW64						17
BSW63	S	N	V, MO, TX	BCW74-16	BSX49	2N2221A				17
BSW63				BSW64						17
BSW64	S	N	V, MO, TX	BCW74-16	BSX49	2N2222A	2N2221A			17
BSW65	S	N	MU, V, PH	BSW66	(BSX47-10)	2N3019	2N3725			17
BSW65				BSX63-6	BSW10	2N4001				17
BSW66	S	N	MU, V, PH	(BSX47-10)	BSX46	2N3019	2N3712			17
BSW66						2N4001				17
BSW67	S	N	PH, MU, V			2N3712	2N3440			17
BSW68	S	N	PH, MU, V			2N3712	2N3440			17
BSW69	S	N	MU, PH, V, AM, RA	(BF457)	BFY45	2N3712				17
BSW69				BF297						17
BSW70	S	N	MU	(BF457)		2N2222				17
BSW72	S	P	IN, TX	BCW75-10	BC327-16	2N2906	2N2906A			17
BSW72				BSW24						17
BSW73	S	P	IN, TX	BCW75-16	BC327-25	2N2907	2N2906A			17
BSW73				BSW24						17
BSW74	S	P	IN, TX	BCW76-10	BC327-16	2N2906	2N2906A			17
BSW74				BSW24						17
BSW75	S	P	IN, TX	BCW76-16	BC327-25	2N2907	2N2906A			17
BSW75				BSW24						17
BSW78	S	N	IN	(BSY63)						17
BSW79	S	N	IN	(BSY63)						17
BSW80	S	N	IN	(BSY63)						17
BSW82	S	N	IN, IT, TX	BCW73-16	BSX48	2N2221				17
BSW83	S	N	IN, IT, TX	BCW73-16	BSX48	2N2222				17
BSW84	S	N	IN, IT, TX	BCW74-16	BSX49	2N2221A				17
BSW85	S	N	IN, IT, TX	BCW74-16	BSX49	2N2222A				17
BSW88	S	N	TF	BC183	BC167	2N3692				17
BSW88				BSW33	BC167A					17
BSW88A	S	N	TF	BC167A						17
BSW88B	S	N	TF	BC167B						17
BSW89	S	N	TF	BCW51	BC237	2N3692				17
BSW89				BSW33	BC167A					17
BSW89A	S	N	TF	BC237A						17
BSW89B	S	N	TF	(BC237B)						17
BSW92	S	N	SE	BC238A						17
BSW93	S	P	SG, AT	BSV15-6		2N5023				17
BSW96	S	N				2N2193A				17
BSW97	S	P				2N2906				17
BSW98	S	N				2N2193				17
BSW99	S	P				2N2904				17
BSX12	S	N	PH, V, AT	BSY58		2N3303				17
BSX12A	S	N	V, PH	BSX12		2N3303				17
BSX19	S	N	MU, PH, V, PE	(BSY63)	BSX48	2N2368	2N2369	25C689		17

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
BSX19	S	N	SG, TX	BSX20				17
BSX20	S	N	MU, PH, V, SG	(BSY63)	BSX48	2N2369	2N2369A	2SC689
BSX20	S	N	PE, TX	BSY19				17
BSX21	S	N	IN, TX, AM, MU	BC394	(BF457)	2N1990R	2N1893	2SC857
BSX21	S	N	NS, PE, PH, V	BFY45	BFY80	2N4390		17
BSX22	S	N	IN, TX, IT	BSX62	(BSX45-10)	2N4231	2N5321	17
BSX22	S	N		BSW26	BSX45	2N2297	2N1613	17
BSX22	S	N		BFY51	BFY50	2N3724		17
BSX23	S	N	IN, TX, IT	BSW26	(BSX46-10)	2N2297	2N5320	17
BSX23	S	N		BFY51	BFX34	2N1613	2N3725	17
BSX23	S	N		BSX62				17
BSX24	S	N	TX	BCY58	BC237A	2N2221	A157A	2SC907
BSX24	S	N		BSW27	BSX51A			17
BSX24	S	N		BC107	BSW41			17
BSX24C	S	N				S7136		17
BSX25	S	N	TF, TX	BSW41	BC223	2N731	2N2222	17
BSX25	S	N		BCW73-16	BSX33	2N913	TS2222	17
BSX25	S	N		BSX24	BCY59			17
BSX25	S	N		BSX51A	BSW82			17
BSX26	S	N	TX, AT, SG	BSY19	BSY63	2N2369	2N708	17
BSX26	S	N		BSY20		2N2368	2N3013	17
BSX27	S	N	SG, TX, AT	(BSY17)	BSX20	2N2369	2N2368	17
BSX27	S	N				2N709	2N3010	17
BSX28	S	N	SG, TX, AT	(BSY62)	BSX20	2N2368	2N2369	17
BSX28	S	N				2N3011		17
BSX29	S	P	TX, AT			2N3546	2N2906	17
BSX29	S	P				2N2894	2N3012	17
BSX30	S	N	SG, TX, AT	BSY34		2N2410	2N2846	17
BSX32	S	N	SG, TX, AT	(BSY34)		2N2218	2N3725	17
BSX33	S	N	SG, TX, AT	BSY46-6		2N731	2N2218A	17
BSX33	S	N				2N3110	2N2193	17
BSX35	S	N	TX, AT	BSX20				17
BSX36	S	P	SG, TX, AT	BCJ27-16		2N2906	2N2907	17
BSX38	S	N	TF, TX	BCY58VII	BCY59	2N2222	2N708	2SC907
BSX38	S	N		BSY19	BSX24			17
BSX38	S	N		BSY58	BSX51			17
BSX38	S	N		BCW51				17
BSX38A	S	N	TF	BCY59VII	BSW64	2N2221A		17
BSX38B	S	N	TF	BCY59IV	BSW64	2N2221A		17
BSX39	S	N	SG, TX, AT	(BSY63)	BSX20	2N708	2N2369	17
BSX40	S	P	TX, IT, IN	BSV15-6	BFX29	2N4037	2N2904	2SA537
BSX40	S	P				2N2905A		17
BSX41	S	P	TX, IN	BSV15-16	BFX29	2N2905	2N2905A	17
BSX44	S	N	MU, PH, AM, PE	(BSY17)	BSX20	2N2369	2N2228A	17
BSX44	S	N	TX			2N2475	2N709	
BSX45	S	N	TF, TX, ML, S	BSX22	BFX85	2N2297	2N3053	17
BSX45	S	N	SG, V			2N3252	2N4231	17
BSX45-6	S	N	S, TF, V	BFY51		2N3110	2N2297	17
BSX45-10	S	N	S, TF, V	BFY51		2N3110	2N2297	17
BSX45-16	S	N	S, TF, V	BFY51		2N3109	2N2297	17
BSX46	S	N	TF, TX, ML, S, SG	BSV64	BFX85	2N2102	2N3252	17
BSX46	S	N	V			2N2297		17
BSX46-6	S	N	S, TF, V	BFX55		2N3108	2N1893	17
BSX46-10	S	N	S, TF, V	BFX85		2N3108	2N1893	17
BSX46-16	S	N	S, TF, V	BFX85		2N3107	2N1893	17
BSX47	S	N	S, V	BFX85		2N1893		17
BSX47-6	S	N	S, V	BFX85		2N1893		17
BSX47-10	S	N	S, V	BFX85		2N1893		17
BSX48	S	N	S	BSW64		2N2221A	2N2221	17
BSX48	S	N				2N4013	2N2539	17
BSX49	S	N	S	BSX59		2N2222A	2N4013	17
BSX49	S	N				2N3444		17
BSX51	S	N	SE, ML, S, TX	BSW64	BCY58	2N2222	2N2221A	17
BSX51	S	N		BCY58III	BCW51			17
BSX51A	S	N	SE, S, ML, TX	BSW64	BCY59VII	2N2222A	2N2221A	17
BSX51A	S	N		SFT14A	BC107A			17
BSX51B	S	N	SE	BCY65EVII	BSW64	2N2221A		17
BSX52	S	N	SE, ML, S, TX	BCY68IX	BCY58VIII	2N2222	2N2221A	17
BSX52	S	N		BSW64				17
BSX52A	S	N	SE, ML, S, TX	BCY69IX	BC107B	2N2222A	2N2221A	17
BSX52A	S	N		BSW64				17
BSX52B	S	N	SE	BCY65EIV	BSW64	2N2221A		17
BSX53	S	N	SE, TX, TF	BCW51	BCY58	2N2222	2N1613	2SC907
BSX53	S	N		BSX51	BCY58VIII			17
BSX53A	S	N	SE, TF	BCY58VII	BSW64	2N2221A		17

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
BSX538	S	N	SE, TF	BCY58IX	BSW64	2N2221A		17
BSX54	S	N	SE, TX, TF	8CY86	BCY59	2N2222A	2N1711	17
BSX54	S	N		BSX51A	BC107A			17
BSX64A	S	N	SE, TF	BCY59VII	BSW64	2N2221A		17
BSX54B	S	N	SE, TF	BCY59IX	BSW64	2N2221A		17
BSX59	S	N	MU, PH, V, TX, RA -	(BSY34)	BSX45	2N3444	2N5321	2SC479
BSX59	S	N	AM, FE, PE			2N3725	2N2218A	17
BSX60	S	N	MU, PH, V, TX, RA -	(BSY34)	BSX45	2N3725	2N5321	2SC479
BSX60	S	N	AM, FE, NT, PE	BSX56		2N3724	2N2219A	17
BSX61	S	N	MU, PH, V, TX, RA -	(BSX34)	BSX45	2N5321	2N3725	2SC479
BSX61	S	N	AM, FE, NT, PE	BSX56		2N2219A		17
BSX62	S	N	S, V	BSW65	BFX34	2N1889		17
BSX63	S	N	S, V	BSW65	BFX34	2N1893		17
BSX63B	S	N	S	BSX63-6				17
BSX63C	S	N	S	BSX63-10				17
BSX66	S	N	V, TD	BCY58VII	BC108A	2N743		17
BSX67	S	N	V, TD	BCY58VII	BC108A	2N744		17
BSX68	S	N	TF, V	BC238A	BC148	2N2884	S9518	2SC641
BSX69	S	N	TF, V	BC238A	BC148	2N2884		17
BSX69	S	N		BFY39				17
BSX70	S	N	V, TD, TX	BCW74-16		2N2222	2N718A	17
BSX71	S	N	V, TD, TX	8CW74-25		2N2222	2N956	17
BSX72	S	N	TF, TX, TD	BCW77-16	BSY78	2N3724	2N3053	2SC479
BSX72	S	N				2N2219A	2N2218	17
BSX72	S	N				2N2219		17
BSX73	S	N	TF			2N2218		17
BSX74	S	N	TF			2N2219		17
BSX75	S	N	TF, TX, TD	BSX33	BCW73-16	2N2222	2N2218	17
BSX75	S	N		BSW41	BSX48	2N4013	2N3704A	17
BSX75	S	N				2N731		17
BSX76	S	N	MU, TX, TD	(BCY58VII)		2N2369	2N3014	17
BSX77	S	N	MU, TX, TD	(BCY59VII)		2N2369	2N3014	17
BSX78	S	N	MU, TX, TD	(BCY59VIII)		2N2369	2N3014	17
BSX79	S	N	TF, TX	BCY59VII	BSX51A	2N2222	2N2219	17
BSX79	S	N		BSY74				17
BSX79A	S	N	TF	BCY59VII				17
BSX79B	S	N	TF	BCY59IV				17
BSX80	S	N	TF	(BSY63)	BSX68	2N708	S9506	2SC641
BSX81	S	N	TF	BCW83	BC147	2N718	2N2410	17
BSX81	S	N		BSW33	BSY58			17
BSX81A	S	N	TF	BC147A				17
BSX81B	S	N	TF	BC147B				17
BSX87	S	N	MO, SG, TX, AT	(BSY63)	BSX20	2N914	2N2369	17
BSX87A	S	N	MO, SG, TX, AT	(BSY63)	BSX20	2N708	2N2369	17
BSX88	S	N	MO, SG, TX, NS, AT	(BSY63)	BSX20	2N708	2N2369	17
BSX88A	S	N	MO, SG, TX, AT	(BSY63)	BSX20	2N914	2N2369	17
BSX89	S	N	MO, SG, TX, AT	(BSY62)	BSX20	2N706A	2N2369	17
BSX90	S	N	MO, SG, TX, TD	BSY17	BSX20	2N743	2N2369	17
BSX91	S	N	MO, SG, TX, TD	BSY18	BC232	2N744	2N2369	17
BSX91	S	N		BSX20				17
BSX92	S	N	MO, SG, TX, TD	(BSY63)	BSX20	2N2368	2N2369	17
BSX93	S	N	MO, SG, TX, AT	(BSY63)		2N2369		17
BSX94A	S	P	SG, AT		BSX20	2N4207		17
BSX95	S	N	V, TX	BCW78-16	BSX45	2N1613	2N698	2SC479
BSX95	S	N		BFX97		2N2219A		17
BSX96	S	N	V, TX	BCW78-16	BSX45	2N1711	2N698	2SC479
BSX96	S	N		BFX97		2N2219A		17
BSX97	S	N	SE	(BC337-16)	BSX48	2N2218		17
BSX99	S	N	S	(BSY62A)				17
BSY10	S	N	MU, V, AM, PE -	BF177	(BCY66)	2N2219A	2N735	17
BSY10	S	N	PH, RA, TX	BCY65E	BSY45	2N2222	2N2218A	17
BSY10	S	N		BSY44	BFY50			17
BSY10	S	N		BSW54				17
BSY11	S	N	MU, V, AM, PE -	BCY59VII	BCY66	2N2219A	2N736	17
BSY11	S	N	PH, RA, TX	BSW54	BSY44	2N2218	2N2222	17
BSY11	S	N		BFY50				17
BSY17	S	N	TX, MO, S	BSY70	BSY21	2N2369	2N743	2SC321
BSY17	S	N		BSX20		2N2368	2N914	17
BSY18	S	N	TX, MO, S	BSY21	BCY16	2N744	2N2368	2SC321
BSY18	S	N		BSX20	BSY70	2N2369		17
BSY19	S	N	TX, MO, V	BSY63	BSX20	2N708	2N2369	2SC321
BSY20	S	N	TX, MO, V, IN	BSY18	BSY62	2N706B	2N2369	17
BSY20	S	N		BSY70				17
BSY21	S	N	TX, MO, IN	BSX20	BSY10	2N914	2N2369	17
BSY21	S	N		BSY18	BSY63			17

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
BSY22	S	N	MO, IN	BF115	BSY63	2N916	2N3014			17
BSY22				BSX20		2N2369				17
BSY23	S	N	MO, IN	BSY63	BSX20	2N834	2N2369			17
BSY23						2N2368	2N3014			17
BSY24	S	N	IN, IT, ST, TX	BSY91	BC337-16	2N2218	2N2219			17
BSY24				BSX72	BSX62					17
BSY24				BSY58						17
BSY25	S	N	IN, TX, ST	BSY58	BC337-16	2N697	2N2218			17
BSY25				BSX72	BSY46	2N2219				17
BSY26	S	N	IN, MU, IT, ST, TX	BSY39	BSY62A	2N706A	2N708			17
BSY26				BSY18	BSY19					17
BSY27	S	N	IN, MU, IT, SG -	BSX20	BSY62B	2N753	2N708			17
BSY27	S	N	ST, TX	BSY18	BSY39	2N2369				17
BSY28	S	N	IN, IT, ST, TX	BSY21	BSY17	2N708	2N2369			17
BSY28				BSY19	BSY38	2N914	2N743			17
BSY29	S	N	IN, IT, ST, TX	BSY39	BSY18	2N708	2N2369			17
BSY29				BSX70	BSY21	2N744	2N914			17
BSY30	S	N	S	BSY62A						17
BSY31	S	N	S	BSY62B						17
BSY32	S	N		BSX70	BSY29	2N743				17
BSY32				BSY38						17
BSY33	S	N		BSX70	BSY29	2N744				17
BSY33				BSY39						17
BSY34	S	N	TX, S	BSX59	BFY44	2N3725	2N2218	2SC479		17
BSY34				BSX61	BSX73	2N3724	2N2219A			17
BSY36	S	N		BSY21	BSY38	2N708	2N743			17
BSY36				BSY70						17
BSY37	S	N		BSY21	BSY38	2N708	2N743			17
BSY37	S	N		BSY70						17
BSY38	S	N	MU, V, AM, BL, TX -	BSX20	BSY62A	2N708	2N2363			17
BSY38	S	N	MN, NS, PE, PH, RA	BSY21	BSY19	2N2369	2N743			17
BSY38A	S	N		BSX20		2N2369				17
BSY39	S	N	MU, V, AM, BL, NS -	BSX20	BSY62B	2N708	2N744			17
BSY39	S	N	ME, MN, RA, TX	BSY19	BSY21	2N2369				17
BSY39A	S	N		BSX20		2N2369				17
BSY40	S	P	TX, MU, V	BCY78	BCY70	2N3965	2N2894	2SA548		17
BSY40						2N2411				17
BSY41	S	P	TX, MU, V	BCY78	BCY70	2N2894	2N2412	2SA548		17
BSY41						2N3965				17
BSY42	S	N		BFY12	BSX73	2N2219				17
BSY43	S	N		BFY12	BSX73	2N2219				17
BSY44	S	N	MO, TX, TD, TF	BSW66	BSX45-6	2N699	2N1613	2SC708A		17
BSY44				BSX45	BSX95	2N1893				17
BSY45	S	N	MO, TX, TD, TF	BSX47-6	BC141-6	2N1893	2N3498	2SC708A		17
BSY45				BSW66		2N1613				17
BSY46	S	N	MO, TX, TD, TF	BSW66	BSX46-6	2N699	2N1893	2SC708A		17
BSY46				BFY55	BSX46	2N1613	2N2193			17
BSY47	S	N		BSY20	BDY62	2N706A				17
BSY47	S	N		BSY70						17
BSY48	S	N	S	BSY20	BSY62	2N706A				17
BSY48				BSY70						17
BSY50	S	N		BSY20	BSY62	2N706A				17
BSY50				BSY70						17
BSY51	S	N	IN, SE, ML, IT, TX -	BFY60	BSX45-6	2N697	2N2297	2SC479		17
BSY51	S	N	ME, V, NS, SG, Ss -	BFY34	BSX45					17
BSY51	S	N	MO							17
BSY61										17
BSY62	S	N	IN, V, MO, SG, ME -	BSW54	BSX45-16	2N2219A	2N1420	2SC479		17
BSY62				BFY34	BSX45	2N1711	2N2219			17
BSY63	S	N	SE, Ss, IT, ML, NS,							17
BSY63	S	N	TX							17
BSY63	S	N	NS							17
BSY63				BSY67	BSX45-6	2N697	2N1613	2SC479		17
BSY63				BSX46-6	BFY34	2N2219A				17
BSY63				BSY44	BSX45					17
BSY63				BSW64						17
BSY64	S	N	IN, SE, V, Ss, IT -	BSY71	BSX45-16	2N1711	2N2219A			17
BSY64	S	N	ME, ML, NS, SG -	BSX46-10	BFY46					17
BSY64	S	N	TX, MO	BSX45						17
BSY65	S	N	IN, SE, V, IT, ME -	BSX46-6	BSX47-6	2N1893	2N3498			17
BSY65	S	N	TF, TX	BSW66	BFY14C					17
BSY65				BSY45						17
BSY66	S	N	IN, SE, V, IT, ME -	BSW66	BSX47-10	2N1890	2N1893			17
BSY66	S	N	SG, FE, TX	BFY14D	BSX46-10					17
BSY68	S	N	TX, S	BFY44	BSX73	2N2218	2N3725	2SC479		17
BSY68				BSX69		2N3724	2N2537			17

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
BSY60	S	P	S	BC327-16	BC238	2N2905				17
BSY60	S	N				2N706A				17
BSY61	S	N	S	(BSY62B)	BC238A	2N706 A				17
BSY62	S	N		BSY70	BSX20	2N706	2N2369			17
BSY62	S	N		BFX20		2N706A	2N708			17
BSY62A	S	N	S	BSY62	BSY70	2N706A		2SC321		17
BSY62A	S	N		BSX20						17
BSY62B	S	N	S	BSY62	BSX20	2N706A		2SC321		17
BSY63	S	N	TX, S	BSY19	BSX20	2N708	2N2369	2SC321		17
BSY63	S	N		BFX20						17
BSY68	S	N	RA, TX	(BF457)	BFY65	2N2405	2N1990			17
BSY68	S	N				2N3114				17
BSY70	S	N	MO, TX, TD, TF	BSX20	BSY62A	2N706	2N2369	2SC321		17
BSY70	S	N		BSX19	BSY62					17
BSY71	S	N	MO, TX, TD, TF	BSW66	BSX45-16	2N1893	2N1711			17
BSY71	S	N		BFY46		2N2219A	2N2219			17
BSY72	S	N	TX, IN, ST	BC182A	BC239B	A157A	MPS6520	2SC648		17
BSY72	S	N		BCY58VII	BC108A	2N930	2N3014			17
BSY72	S	N		BC130A						17
BSY72	S	N		BC107						17
BSY73	S	N	TX, IN, ST	BC182A	BC107	A157A	MPS6520	2SC907		17
BSY73	S	N		BC238A	BC108A	2N2221	2N3014			17
BSY73	S	N		BSX53	BSY63					17
BSY73	S	N		BC130A	BC59VII					17
BSY74	S	N	TX, IN, ST	BC182A	BC238A	A157A	MPS6520	2SC907		17
BSY74	S	N		BC108A	BFY46	2N929	2N3014			17
BSY74	S	N		BCY58VII	BSX53					17
BSY74	S	N		BC130A						17
BSY75	S	N	TX, IN, ST	BSX79	BC237A	2N2221	2N2222	2SC907		17
BSY75	S	N		BC59VII	BFY33	A157				17
BSY75	S	N		BC107	BSX51A					17
BSY76	S	N	TX, TD, IN, ST	BCY59VII	BC237A	2N2221	2N2222	2SC907		17
BSY76	S	N		BCW51	BFY12C	A157				17
BSY76	S	N		BC107	BSX45					17
BSY76B	S	N		BC108A						17
BSY77	S	N	TX, IN, ST	BSX21	BCY65EVII	A157	2N2219			17
BSY77	S	N		BCY65E	BFY34	2N2221A	2N2222A			17
BSY77	S	N		BSY56	BSX45					17
BSY77	S	N		BC107						17
BSY78	S	N	TX, IN, ST	BC107						17
BSY78	S	N		BCY65EVII		2N2222A	2N3019			17
BSY78	S	N		BFY46	BSX45	A157				17
BSY79	S	N	IN, TX, IT, RA, V	BSX45	(BF457)	2N4390	2N1990R	2SC857		17
BSY79	S	N		BC394	BFY45	S7013	2N3114			17
BSY79	S	N		BFY80						17
BSY80	S	N	TX, IN, ST	BC108A	(BC238C)	2N930	MPS6520	2SC987		17
BSY80	S	N		BCY58VIII	BC108					17
BSY80	S	N		BC130C	BC109					17
BSY80	S	N		BC184						17
BSY81	S	N	IN, TX, IT, ME, ST	BFY61	BSX45-6	2N2193	2N697	2SC708		17
BSY81	S	N		BSX65-6	BSX72	2N2297	2N2218			17
BSY81	S	N				2N3110				17
BSY82	S	N	IN, IT, TX, ME, ST	BFY51	BSX45-16	2N2192	2N1711			17
BSY82	S	N		BSX45-10	BSY72	2N2297	2N2219			17
BSY82	S	N				2N3109				17
BSY83	S	N	IN, IT, TX, ME, SG -	BFY50	BSX45-6	2N2218A	2N697	2SC708		17
BSY83	S	N	ST	BSY40	BSY46	2N3110	2N1613			17
BSY83	S	N				2N2193	2N2297			17
BSY84	S	N	IN, IT, TX, ME, ST	BSX45-16	BSX45-10	2N2192	2N1711			17
BSY84	S	N		BFY50		2N3109	2N2297			17
BSY85	S	N	IN, IT, ME, TX, ST	BSX47-6	BSY46	2B2193A	2N1889	2SC708A		17
BSY85	S	N		BSW66		2N1893	2N3108			17
BSY86	S	N	IN, IT, ME, TX, ST	BSX47-10	BSX46-10	2N2192A	2N1893			17
BSY86	S	N		BSW66		2N1890	2N3019			17
BSY86	S	N				2N3107				17
BSY87	S	N	IN, IT, TX, ME, ST -	BSW66	BSX46-6	2N1889	2N2102			17
BSY87	S	N	MO	BFY14C	BC141-6	2N1893	2N3108			17
BSY88	S	N	IN, IT, ME, TX, MO	BSW66	BSX46-16	2N1890	2N1893			17
BSY88	S	N	ST	BFY14D	BC141-10	2N3019	2N3107			17
BSY89	S	N	IN, IT, TX	BC238B	BC107	2N2432	A157A			17
BSY90	S	N	IN, IT, TX, ST	BSW64	BCW77-16	2N1711	2N2219			17
BSY90	S	N		BFY46	BC140-16	2N2219A				17
BSY91	S	N	TF, TX	BSX51A	BCW77-16	2N2297	2N697	2SC708		17
BSY91	S	N		BSX60	BFY33	2N2218	TS2219			17
BSY91	S	N		BSX48	BSX25					17

TYPE	M/S	FOL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
BSY91				8FY51				17
BSY92	S	N	TF, TX	8FY51	BCW78-16	2N2297		17
BSY92				8FY34	BSX45-6	2N2219	2SC479	17
BSY93	S	N	TF, TX	BCW74-16	BCY65E	2N2222	2N2222A	17
BSY93				BC107		A157A		17
BSY95	S	N	MU, TX, ME, ST	BSY62B	BSX20	2N2369		17
BSY95A	S	N	FE, IN, MU, IT, NS -	BC108A	BSY62B	2N2218	2N2369	17
BSY95A	S	N	ME, NT, SG, TX, .	BSY62	BSX20		2SC321	17
BSY95A	S	N	ST	BSX73	BSY58			17
BSY149A	S	N		BSX66				17
BSY149B	S	N		BSX67				17
BSY152A	S	N		BSX19				17
BSY152B	S	N		BSX20				17
BU100	S	N	SG, AT	BUY55				16
BU100A	S	N	AT, SG	BUY55		2N5629		16
BU102	S	N	AT, SG	BUY74	BUX18B	2N5631		16
BU103A	S	N	SE			2N4912		16
BU104	S	N	SE, ML, Ss	BUY74	BU108			16
BU105	S	N	MU, PH, TF, V, AM -	BU208			2SC937	16
BU105	S	N	MO, PE, RA					16
BU106	S	N	TX, RA	BU110				16
BU107	S	N	TX	BUY73				16
BU108	S	N	PH, TF, V, AM, PE -	BU208				16
BU108	S	N	MO					16
BU109	S	N	SE, ML, Ss	BU110	BU108			16
BU111	S	N	S	BU126		2N6512		16
BU112	S	N	SE, ML, Ss	BUY75				16
BU113	S	N	SE, ML, Ss	BUY76				16
BU113S	S	N	SE	BUY76				16
BU114	S	N	S			2N6510		16
BU115	S	N	AT	BUY76				16
BU116	S	N	AT	BUY75				16
BU117	S	N	AT	BUY74				16
BU120	S	N	AT	BUY74	BDY98	2N6249		16
BU121	S	N	AT, SG	BUY74	BUX18			16
BU122	S	N	AT	BU111				16
BU123	S	N	AT	BU111				16
BU125	S	N	SG, AT	BUY47		2N4895		16
BU126A	S	N	MO	BU126				16
BU127	S	N	AT, SG	BUY68		2N5630		16
BU128	S	N	AT, SG	BUY73		2N6249		16
BU129	S	N	SE, ML	BU111	BUX18C			16
BU130	S	N	AM	BU111				16
BU131	S	N	V, PH	BUY76				16
BU132	S	N	PH, V	(BUY79)				16
BU133	S	N	PH	BUY79				16
BU134	S	N	SE, ML	BUY79	BUX126			16
BU134				BDY28				16
BU135	S	N	MO			2N6510		16
BU136	S	N	MO			2N6510		16
BU204	S	N	PH, SE, MU, TF	BU208				16
BU205	S	N	PH, V, SE, MU, TF	BU208				16
BU206	S	N	PH, MU, TF	(BU208)				16
BU207	S	N	PH, V, SE, MU, TF	BU208				16
BU209	S	N	PH, V, MU, TF	(BU208)				16
BU210	S	N	S	BUY74				16
BU211	S	N	S	BUY75				16
BU212	S	N	S	BUY76				16
BU221	S	N	AT	BUY75				16
BU310	S	N	S	BUX17				16
BU311	S	N	S	BUX17				16
BU312	S	N	S	BUX17				16
BU409	S	N	SG			TA8863J		16
BUX10	S	N	SE	(BUY68)				16
BUX11	S	N	SE	(BUY73)				16
BUX14	S	N	SE	(BUY76)				16
BUX15	S	N	SE	(BUY76)				16
BUX26	S	N	S			2N6510		16
BUX27	S	N	S	BUX18C				16
BUX39	S	N	SE, ML	(BUY57)		2N5038		16
BUX40	S	N	SE, ML	BUY73		2N6354		16
BUX41	S	N	SE, ML	BUY74	BUX17A			16
BUX42	S	N	SE, ML	BUY75	BUX17B			16
BUX43	S	N	SE, ML	BUY76	BUX17C			16
BUX44	S	N	SE, ML	(BUY76)	BUX18C			16

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
BUY45	S	N	SE	(BUY76)				16
BUY84	S	N	PH		TA8863A			16
BUY10	S	N	IN, IT, ST	BDY12-6				16
BUY11	S	N	IN, IT, ST	BDY12-6				16
BUY12	S	N	S	BUY58	BDY91			16
BUY12S	S	N	SE	BUY68				16
BUY13	S	N	S	BUY57	BDY91	2SC665		16
BUY13	S	N	S	BUY93				16
BUY13S	S	N	SE	BUY57				16
BUY14	S	N	S	BDY61	2N4911	2SD125A		16
BUY16	S	N	AT	BDY90				16
BUY17	S	N	AT	BDY60				16
BUY18	S	N	SG, AT	BUY77	BU110			16
BUY19	S	N	AT		2N5730			16
BUY20	S	N	TX	BUY58				16
BUY21	S	N	TX	BUY73				16
BUY21A	S	N	TX	BUY74				16
BUY22	S	N	TX	BUY75				16
BUY23	S	N	TX	BUY75				16
BUY23A	S	N	TX	BUY76				16
BUY23B	S	N	TX	BUY76				16
BUY24	S	N	SG, AT	(BUY55)	2N5068	2N5069		16
BUY26	S	N	S		2N3442			16
BUY35	S	N	S		2N6511			16
BUY38	S	N	AT		2N3054			16
BUY38-4	S	N	AT		2N3054			16
BUY38-5	S	N	AT		2N3054			16
BUY38-6	S	N	AT		2N3054			16
BUY38-7	S	N	AT		2N3054			16
BUY43	S	N	S	BDY71	2N3054			16
BUY43-6	S	N	S		2N3054			16
BUY43-10	S	N	S		2N3054			16
BUY43-16	S	N	S		2N3054			16
BUY44	S	N	S	BU110				16
BUY46	S	N	AT, S, MO		2N3054	2N3045		16
BUY46-4	S	N	AT, S		2N3054			16
BUY46-6	S	N	AT, S		2N3054			16
BUY48	S	N	AT	BUY47				16
BUY51A	S	N	TX		2N3772			16
BUY55	S	N	S		2N5239			16
BUY56	S	N	S		2N5239			16
BUY60	S	N	TX		2N3439			16
BUY66	S	N	TX	BUY74	BU126			16
BUY67	S	N	TX	BUY74	BU126			16
BUY68	S	N	SG, AT		2N4895	2N4896		16
BUY69	S	N	TX	(BUY76)				16
BUY69A	S	N	TX	(BUY78)				16
BUY69B	S	N	TX	BUY76	BU126			16
BUY69C	S	N	TX	BUY75	BU126			16
BUY70	S	N	TX	(BUY76)				16
BUY70A	S	N	TX	(BUY76)				16
BUY70B	S	N	TX	BUY76	BU126			16
BUY70C	S	N	TX	BUY75	BU126			16
BUY71	S	N	TX	(BU208)				16
BUY72	S	N	S		2N5239			16
BUY74	S	N	S	BUY18A				16
BUY75	S	N	S	BUY18C				16
BUY76	S	N	S	BU126				16
BUY77	S	N	S	BUY18A				16
BUY78	S	N	S	BUY18C				16
BUY79	S	N	S	BU126				16
BUY84	S	N	AT	BUY76				16
BUY85	S	N	AT	BUY75				16
C84	SF	N	SL		2N5457			16
C84E	SF	N	SL		2N5457			16
C85	SF	N	SL		2N5457			16
C85A	SF	N	SL		2N5457			16
C85E	SF	N	SL		2N5459			16
C86E	SF	N	SL		2N5459			16
C413N	J	N	CR		2N4091	2N4859		16
C413N	J	N			2N6451			16
C413E	J	N			MPF4391			16
C810	J	N			2N4092			16
C811	J	N			MFE2095	2N5360		16
C812	J	N			MFE2095	2N5360		16

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
C613	J	N			MFE2095	2N5360		
C614	J	N			MFE2093	2N5360		
C615	J	N			MFE2095	2N5360		
C620	J	N			MFE2093	2N5358		
C621	J	N			MFE2093	2N5358		
C622	J	N			MFE2093	2N5358		
C623	J	N			MFE2093	2N5358		
C624	J	N			MFE2093	2N5358		
C625	J	N			MFE2093	2N5358		
C650	J	N			MFE2093	2N5358		
C651	J	N	SG		MFE2093	2N5358		
C652	J	N	SG		MFE2093	2N5358		
C653	J	N			MFE2093	2N5358		
C673	J	N			MFE2093	2N5358		
C674	J	N			2N5361	TN4341		
C680	J	N	CR		MFE2093	TN4338		
C680A	J	N	CR		MFE2093	TN4338		
C681	J	N	CR		MFE2093	TN4338		
C681A	J	N	CR		MFE2093	TN4338		
C682	J	N	CR		MFE2094	2N3460		
C682A	J	N	CR		MFE2094	2N3460		
C683	J	N	CR		MFE2094	2N2460		
C683A	J	N	CR		MFE2094	2N3460		
C684	J	N	CR		MFE2095	2N3459		
C684A	J	N	CR		MFE2095	2N3459		
C685	J	N	CR		MFE2095	2N3459		
C685A	J	N	CR		MFE2095	2N3459		
C6690	J	N	CR		2N4220	2N3458		
C6691	J	N	CR		2N4220	2N3458		
C6692	J	N	CR		MFE2095	2N3459		
CDT1310	G	P	ST, KS	(AU Y21IV)				06
CDT1311	G	P	ST, KS, IN	(AU Y22IV)	AU Y21IV			06
CDT1311				ASZ17	AD131			06
CDT1311				AU Y28	AD151			06
CDT1311				ASZ18				06
CDT1312	G	P	ST, KS	(AU Y22IV)				06
CDT1313	G	P	KS	AU Y22IV	AD132	2N1100		
CDT1313				ASZ16	ASZ15			
CDT1313				ASZ18				
CDT1319	G	P	ST, KS	(AU Y21III)				
CDT1320	G	P	ST, KS	(AU Y22III)				
CDT1321	G	P	ST, KS	(AU Y22III)				
CF2386	SF	N	CR		2N5459			
CK13	G	P		ASY27				
CK14	G	P			2N1307			
CK17	G	P			2N1309			
CK22	G	P		AC125				
CK65	G	P		ASY27				
CK66	G	P		AC125				
CK721	G	P		AC125	AC126	2N2429		
CK721				OC71				
CK722	G	P		AC125	AC126	2N2429		
CK722				OC71				
CK724	G	P		AC126	AC126	2N2429		
CK725	G	P		AC125	AC126	2N2429		
CK725				OC71				
CK727	G	P		AC125	AC126	2N2429		
CK727				OC71				
CK751	G	P		AC128	AC132	2N2431	2N281	
CK751				OC72				
CK759	G	P		AF127	AF185			
CK759				OC45				
CK760	G	P		AF127	AF185			
CK760				OC45				
CK761	G	P		AF126	AF127			
CK761				AF185				
CK762	G	P		AF126	AF185			
CK762				OC44				
CK766	G	P		AF126	AF185			
CK766				OC44				
CK766A	G	P		AF126	AF185			
CK766A				OC44				
CK790	S	P		BCZ10				
CK791	S	P		BCZ11				
CK793	G	P		ASY77	OC77			

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
CK870	G	P		AC125	AC126	2N2429				
CK871	G	P		AC125	AC126	2N2429				
CK872	G	P		AC128	AC132	2N2431				
CK872	G	P		OC72						
CK878	G	P		AC128	OC74	2N2431				
CK882	G	P		AC128	AC312	2N2431				
CK882	G	P		OC72						
CK888	G	P		AC128	AC132	2N2431				
CK888	G	P		OC72						
CK891	G	P		AC125						
CK892	G	P		AC125						
CK896	G	P		OC57						
CK896A	G	P		OC57	OC58					
CK897	G	P		OC58						
CK897A	G	P		OC58						
CK898	G	P		OC59						
CK898A	G	P		OC59	OC77					
CL1020						TCR5297				
CL1520						TCR5302				
CL2210						TCR5283				
CL2220						TCR5306				
CL3310						TCR5287				
CL3320						TCR5310				
CL4710						TCR5290				
CL4720						TCR5314				
CL6810						TCR5293				
CLT2010	P	N	CL			TIL81				
CLT2020	P	N	CL			TIL81				
CLT2030	P	N	CL			TIL81				
CLT2130	P	N	CL			TIL81				
CLT2140	P	N	CL			TIL81				
CLT2150	P	N	CL			TIL81				
CLT2160	P	N	CL			TIL81				
CLT3020	P	N	CL			TIL605				
CLT3030	P	N	CL			TIL606				
CLT3160	P	N	CL			TIL602				
CLT3170	P	N	CL			TIL604				
CLT4020	P	N	CL			TIL613				
CLT4030	P	N	CL			TIL614				
CLT4160	P	N	CL			TIL610				
CLT4170	P	N	CL			TIL612				
CM600	J	N	CR			2N4392	2N4857			
CM601	J	N	CR			2N4091	2N4856			
CM601	J	N	CR			2N4092				
CM602	J	N	CR			2N4091	2N4856			
CM602	J	N	CR			2N4092				
CM603	J	N	CR			2N4091	2N4856			
CM640	SF	N	CR			2N3824	2N4093			
CM641	SF	N	CR			2N4393	2N4858			
CM641	SF	N	CR			2N4093				
CM642	SF	N	CR			2N4092	2N4858			
CM643	SF	N	CR			2N4391	2N4857			
CM643	SF	N	CR			2N4091				
CM644	SF	N	CR			2N4092	2N4858			
CM644	SF	N	CR			2N4093				
CM645	SF	N	CR			2N4092	2N4857			
CM646	SF	N	CR			2N4091	2N4856			
CM646	SF	N	CR			2N4092				
CM647	SF	N	CR			2N4391	2N4856			
CM650	J	N				MFE2012	2N4446			
CM651	J	N				MFE2012	SFC1784			
CM651	J	N				2N4446				
CM652	J	N				SFC1783				
CM653	J	N				SFC1785				
CM697	J	N	CR			MPF4392				
CM710	P					TIL132p				
CM712	P					TIL135				
CMX740	SF	N	CR			MPF4391				
CP650	SF	N	CR, IL			2N3970	MPF4391			
CP650	SF	N	CR, IL			2N5432				
CP651	J	N	CR, IL			2N3971	MPF4391			
CP651	J	N	CR, IL			2N5433				
CP652	J	N	CR, IL			2N3972	MPF4392			
CP652	J	N	CR, IL			2N4447				
CP653	J	N	CR, IL			2N4091	MPF4392			

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
CP653					2N4448			
CR022	J				TCR5283			
CR024	J				TCR5284			
CR027	J				TCR5285			
CR030	J				TCR5286			
CR033	J				TCR5287			
CR039	J				TCR5288			
CR043	J				TCR5289			
CR047	J				TCR5290			
CR056	J				TCR5291			
CR062	J				TCR5292			
CR068	J				TCR5293			
CR075	J				TCR5294			
CR082	J				TCR5295			
CR091	J				TCR5296			
CR100	J				TCR5297			
CR110	J				TCR5298			
CR120	J				TCR5299			
CR130	J				TCR5300			
CR140	J				TCR5301			
CR150	J				TCR5302			
CR160	J				TCR5303			
CR180	J				TCR5304			
CR200	J				TCR5305			
CR220	J				TCR5306			
CR240	J				TCR5307			
CR270	J				TCR5308			
CR300	J				TCR5309			
CR330	J				TCR5310			
CR360	J				TCR5311			
CR430	J				TCR5313			
CR470	J				TCR5314			
CS1654	S	N		BC338				
CS1655	S	N		BF494				
CS1660	S	N		BF494				
CS1744	S	N		BC548				
CS9003	S	N		BC547				
CS9010	S	N		BC547B				
CS9011	S	N		BC547B				
CS9011H	S	N		BF494				
CS9013	S	N		BC547B				
CS9014	S	N		BC548				
CS9015	S	P		BC558				
CS9016	S	N		BF495				
CS9017	S	N		BF495				
CS9018	S	N		BF495				
CS9021D	S	N		BF495				
CS9021E	S	N		BF495				
CS9021F	S	N		BC549				
CS9022	S	N		BC549B				
CS9126	S	N		BC548				
CS9127	S	P		BC558				
CTP1002	G	P	IN	(AD131111)				
CTP1003	G	P	IN	(AD131111)	ASZ15			
CTP1003				OC28				
CTP1004	G	P	IN	(AD131111)	AD149	2N2836		
CTP1004				OC26				
CTP1005	G	P	IN	(AD131111)	AD149	2N2836		
CTP1005				OC26	OC27			
CTP1006	G	P	IN	(AD131111)	ASZ16			
CTP1006				OC29				
CTP1032	G	P	IN	(AC1511V)	AC125	2N2429		
CTP1032				AC126				
CTP1033	G	P	IN	(AC1511V)	AC125	2N2429		
CTP1033				AC126				
CTP1034	G	P	IN	(AC1511V)	AC126	2N2429		
CTP1034				AC126				
CTP1035	G	P	IN	(AC1511V)	AC125	2N2429		
CTP1035				AC126				
CTP1036	G	P	IN	(AC1511V)	AC126	2N2429		
CTP1102	G	P	IN	(AUY191V)				
CTP1104	G	P	IN	AD130111	OC26	2N2062A	2N2836	
CTP1104				AD149	OC30			
CTP1106	G	P	IN	(AUY191V)				
CTP1106	G	P	IN	AD1301V	AD130111	2N2061A	2N2836	

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
CTP1108	G	P	IN	OC26	AD130			
CTP1108				AD149				
CTP1109	G	P	IN	AD130V	AD150IV	2N2061A	2N2836	
CTP1109				OC26	AD130III			
CTP1109				AD149	AD150			
CTP1109				T1156				
CTP1111	G	P	IN	(AUY21III)	ASZ15	2N2065A	25B472	
CTP1111				AD132II	AD131			
CTP1111				AD132III				
CTP1112	G	P	IN	(AD163III)				
CTP1117	G	P	IN	(AD131III)				
CTP1119	G	P	IN	(AD131III)				
CTP1127	G	P	IN	(AD162III)				
CTP1133	G	P	IN	(AD131III)				
CTP1135	G	P	IN	(AD131III)				
CTP1137	G	P	IN	(AD131III)				
CTP1265	G	P	IN	(AUY21IV)				
CTP1266	G	P	IN	(AUY21IV)				
CTP1296	G	P	IN	(AUY22IV)				
CTP1297	G	P	IN	(AUY22IV)				
CTP1306	G	P	IN	(AUY21IV)				
CTP1307	G	P	IN	(AUY21IV)				
CTP1320	G	P	IN	(AC151IV)	AC125	2N2429		
CTP1320				AC126				
CTP1330	G	P	IN	(AC151IV)	AC125	2N2429		
CTP1330				AC126				
CTP1340	G	P	IN	(AC151IV)	AC125	2N2429		
CTP1340				AC126				
CTP1350	G	P	IN	(AC151V)	AC125	2N2429		
CTP1350				AC126				
CTP1360	G	P	IN	(AC151V)	AC126	2N2429		
CTP1390	G	P	IN	(AC121IV)	AF127			
CTP1390				AF185	OC45			
CTP1400	G	P	IN	(AC121V)	AF127			
CTP1400				AF185	OC45			
CTP1410	G	P	IN	(AC121V)	AF126			
CTP1410				AF185	OC44			
CTP1500	G	P	KS	AUY22III	AD138	2N1100	2N1556	06
CTP1500				ASZ16	ADZ12			06
CTP1500				AUY21				06
CTP1503	G	P	KS	AUY22III	AD104	2N1100	2N1555	06
CTP1503				ASZ16	AD138			06
CTP1503				ADZ12				06
CTP1504	G	P	IN, ST, KS	AD153III	(AUY22IV)	2N1554		
CTP1504				AUY21III	AD133			
CTP1504				AUY28	AD138			
CTP1504				ASZ18				
CTP1505	G	P	IN	(AUY29III)				
CTP1506	G	P	IN	(AUY29IV)				
CTP1507	G	P	IN	(AUY29III)				
CTP1508	G	P	IN, ST, KS	AD138	(AUY21IV)	2N1553		
CTP1508				AD133III	AD133			
CTP1508				ADZ11	AD136			
CTP1509	G	P	IN	(AUY29III)	ADZ12			
CTP1513	G	P	IN	(AUY29V)				
CTP1514	G	P	IN	(AUY29V)	AD149	2N2836		
CTP1514				OC26				
CTP1550	G	P	IN	(AUY21IV)				
CTP1551	G	P	IN	(AUY22IV)	ASZ15			
CTP1726	G	P	IN	(AUY19IV)				
CTP1729	G	P	IN	(AUY20IV)				
CTP1730	G	P	IN	(AUY34IV)				
CTP1731	G	P	IN	(AUY19V)				
CTP1732	G	P	IN	(AUY20V)				
CTP1733	G	P	IN	(AUY34IV)				
CTP1735	G	P	IN	(AUY19V)				
CTP1736	G	P	IN	(AUY19V)				
CTP1739	G	P	IN	(AUY19III)				
CTP3500	G	P	KS	ADZ12				06
CTP3503	G	P	KS	ADZ12				06
CTP3504	G	P	IN, ST, KS	(AUY22IV)				06
CTP3508	G	P	IN, ST, KS	(AUY21IV)				06
CTP3560	G	P	IN	(AUY21IV)				06
CTP3561	G	P	IN	(AUY22IV)				06
CV2388	G	P	UK	GET114	V10/30A			

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
CV2389				OC71				
CV2400	G	P	UK	GET106	V10/30A			
CV2400				OC71				
CV5105	G	P	UK	OC45				
CV5321	G	P	UK			2N456		
CV5328	G	P	UK	OC35X2				
CV5329	G	P	UK	OC28X2				
CV5334	S	P	UK	OC450				
CV5337	G	P	UK	OC73				
CV5352	G	P	UK	OC47C				
CV5359	G	P	UK	XS101				
CV5411	G	P	UK	GET110X				
CV5416	G	P	UK	OC84				
CV5439	G	P	UK	OC75				
CV5445	G	P	UK	NKT203				
CV5457	G	P	UK	ASZ20	OC70			
CV5459	G	P	UK	GET104				
CV5465	G	P	UK			2N512A		
CV5620	G	N	UK			2N78		
CV5621	G	N	UK			2N144/13		
CV5622	G	P	UK			2N158		
CV5623	G	P	UK			2N247		
CV5624	G	P	UK			2N274		
CV5625	S	N	UK			2N332		
CV5626	S	N	UK			2N337		
CV5627	S	N	UK			2N339		
CV5628	G	P	UK			2N344		
CV5629	G	N	UK			2N357		
CV5630	G	P	UK			2N384		
CV5631	G	P	UK			2N404		
CV5632	G	P	UK			2N457		
CV5633	G	P	UK			2N458		
CV5634	U	PN	UK			2N489		
CV5635	U	PN	UK			2N491		
CV5636	S	N	UK			2N498		
CV5637	S	N	UK			2N452		
CV5638	S	N	UK			2N550		
CV5639	G	N	UK			2N585		
CV5640	G	P	UK			2N527		
CV5641	G	P	UK			2N651		
CV5642	G	P	UK			2N670		
CV5643	G	P	UK			2N674		
CV5644	S	N	UK			2N697		
CV5645	G	P	UK			2N1044/1		
CV5646	G	P	UK			2N1100		
CV5647	S	P	UK			2N1131		
CV5648	S	N	UK			2N1139		
CV5649	G	P	UK			2N1184		
CV5650	S	P	UK			2N1196		
CV5651	G	P	UK			2N1285		
CV5652	S	N	UK			2N1149		
CV5653	S	N	UK			2N1150		
CV5654	S	N	UK			2N1162		
CV5655	S	N	UK			2N1155		
CV5661	S	N	UK			2N1253		
CV5663	G	P	UK			2N502		
CV5703	G	P	UK			2N173		
CV5710	G	P	UK	OC44				
CV5711	G	P	UK	OC77				
CV5712	G	P	UK	OC71				
CV5713	G	P	UK	OC72				
CV5733	G	P	UK			2N277		
CV5740	S	P	UK	OC202				
CV5761	S	P	UK			2N1132		
CV5762	G	P	UK			2N601		
CV5773	G	P	UK			2N174		
CV5774	G	P	UK	GT35				
CV5775	G	P	UK			2N1136B		
CV5776	G	N	UK			2N144/13		
CV5778	G	P	UK			2N525		
CV5781	G	N	UK			2N35		
CV5782	G	N	UK			2N440		
CV5784	G	N	UK			2N377		
CV5785	G	N	UK			2N169A		
CV5789	S	N	UK			2N333		

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
CV5792	S	N	UK			2S702		
CV5804	G	P	UK	OC170				
CV5806	G	P	UK		2N1123			
CV5813	G	P	UK	OC123				
CV5814			UK	TK300				
CV5818	G	P	UK	ASZ23				
CV5826	S	P	UK	OC206				
CV5832	G	P	UK		2N599			
CV5833	G	P	UK	GET875				
CV5844	S	P	UK	OC201				
CV5848	S	P	UK	BCZ11				
CV5849	S	P	UK	OC202				
CV5850	S	P	UK	OC203				
CV5851	G	P	UK	GET573				
CV5856	G	P	UK	GET110				
CV5857	G	P	UK	OC42				
CV5858	S	P	UK	OC201				
CV5860	S	N	UK	ZT23				
CV5861	G	P	UK		2G401			
CV5863	S	N	UK	ZT21				
CV5865	S	P	UK	OC205				
CV5878	G	P	UK	GET102				
CV5879	G	P	UK	GET111				
CV5885			UK	TK420				
CV5887	G	P	UK		2N2048			
CV5888	G	P	UK		2N2048			
CV5902	G	P	UK	GET104		2S005		
CV5909	S	N	UK			2S109		
CV5910	S	N	UK					
CV5913	S	N	UK		2N1718			
CV5942	G	P	UK		2N1742			
CV5949	G	P	UK		2G220			
CV5951	S	P	UK	BCY32				
CV5960	S	N	UK			2S002		
CV5967	G	P	UK		2G403			
CV5970	S	P	UK	OC701K				
CV5974	S	N	UK			2S102		
CV5975	S	N	UK			2S103		
CV5978	S	P	UK		2N1255			
CV5980	S	P	UK	OC206				
CV5994	G	P	UK		2G225			
CV5995	S	N	UK			2S703		
CV5996	G	P	UK		2N1744			
CV7001	G	P	UK	ACY31	GET103	2G303		
CV7002	G	P	UK	GET116		2G382		
CV7003	G	P	UK	ASY55	OC44	2G302		
CV7004	G	P	UK	ASY54	GET873			
CV7004				OC45				
CV7005	G	P	UK	GET103	OC71	2G371	2N280	
CV7006	G	P	UK	GET103	OC72	2N281	2N374	
CV7006				V10/50A				
CV7007	G	P	UK	GET111	OC77	2G377		
CV7008	G	P	UK	GET106	V10/50A			
CV7009	G	P	UK	GET110	V60/201P			
CV7010	G	P	UK	OC16	OC26	2N1314		
CV7010				V30/30P				
CV7011	G	P	UK	V60/30P				
CV7012	G	P	UK	V60/30P				
CV7042	G	P	UK	ASY63	GET872	2G302	TK298	
CV7043	S	P	UK	BCZ10	OC200			2S322
CV7044	S	P	UK	BCZ11	OC201			2S323
CV7054	G	P	UK	OC23				
CV7056	S	N	UK					2S002
CV7057	S	N	UK					2S003
CV7058	S	N	UK					2S004
CV7059	S	N	UK					2S005
CV7060	S	N	UK					2S014
CV7061	S	N	UK					2S012A
CV7062	S	N	UK					2S017
CV7063	S	N	UK					2S018
CV7064	S	N	UK					2S019
CV7065	S	N	UK					2S020
CV7066	S	N	UK					2S013A
CV7074	G	P	UK	GET103				
CV7075	S	P	UK	OC201				2S323

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
CV7080	G	C	P UK	GET571				
CV7081	G	C	P UK	GET572				
CV7082	G	C	P UK	GET573				
CV7083	G	C	P UK	NKT402	OC29			
CV7084	G	C	P UK	NKT404	OC35			
CV7085	G	G	P UK	NKT401	OC28			
CV7086	G	G	P UK	OC36				
CV7087	G	G	P UK	GET875	2G306			
CV7089	G	G	P UK	OC171	2G401			
CV7107	G	G	P UK	ACY31				
CV7111	G	G	N UK	OC139				
CV7112	G	G	N UK	OC140				
CV7117	S	S	P UK	OC203				
CV7118	G	G	P UK	X8114				
CV7131	S	S	N UK	ZT20	2N1564			
CV7132	S	S	N UK	ZT21	2N1565			
CV7133	S	S	N UK	ZT22				
CV7134	S	S	N UK	ZT23	2N1564			
CV7149	S	S	P UK			2S302		
CV7151	S	S	P UK	BCY32		2S303		
CV7152	S	S	P UK			2S301		
CV7154	S	S	N UK	ZT43		2S103		
CV7185	G	G	P UK	ASY66				
CV7186	S	S	N UK	ZT45				
CV7187	S	S	N UK	ZT46				
CV7188	S	S	P UK	OC205				
CV7321	G	G	P UK	OC72X2				
CV7326	G	G	P UK	GET111	2G377			
CV7327	G	G	P UK	GET102	2G371			
CV7328	S	S	N UK			2S104		
CV7333	S	S	N UK			2S025		
CV7334	S	S	N UK			2S026		
CV7335	G	G	P UK					
CV7336	S	S	N UK	AFZ12				
CV7337	S	S	N UK		2N743	2S131		
CV7388	G	G	P UK	ASZ21	2N744			
CV7341	S	S	P UK	BCY32		2S300		
CV7342	S	S	P UK	BCY32		2S300		
CV7343	S	S	P UK	BCY32		2S300		
CV7344	S	S	P UK	BCY32		2S300		
CV7345	S	S	P UK	BCY32		2S300		
CV7346	S	S	P UK	BCY32		2S300		
CV7348	G	G	N UK		2N1302			
CV7349	G	G	N UK		2N1304			
CV7350	G	G	N UK		2N1306			
CV7351	G	G	N UK		2N1308			
CV7352	G	G	P UK		2N1303			
CV7353	G	G	P UK		2N1305			
CV7354	G	G	P UK		2N1307			
CV7355	G	G	P UK		2N1309			
CV7361	S	S	N UK	BUY11				
CV7362	S	S	N UK	BSY25	2N2217			
CV7363	S	S	P UK	BCZ11		2S305		
CV7365	G	G	P UK	GET115				
CV7366	S	S	P UK			2S305		
CV7370	G	G	P UK		2N501			
CV7371	S	S	N UK	ZT83	2N2220			
CV7372	G	G	N UK	ZT84	2N2221			
CV7373	S	S	N UK	ZT86				
CV7376	G	G	P UK	ACY17				
CV7379	S	S	N UK		2N916			
CV7380	G	G	P UK		2G102			
CV7392	G	G	P UK	GET116				
CV7393	G	G	P UK		2N705			
CV7394	G	G	P UK		2N711			
CV7396	S	S	P UK			2S307		
CV7404	S	S	N UK		2N1893			
CV7430	S	S	N UK	BSY26				
CV7431	S	S	N UK	BSY27	2N753			
CV7436	G	G	P UK	ACY18				
CV7437	G	G	P UK	ACY19				
CV7438	G	G	P UK	ACY20				
CV7439	G	G	P UK	ACY21				
CV7440	S	S	N UK	BFY19	2N1613			
CV7448	G	G	P UK	ASY60				

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
CV7451	S	N	UK		2N1479			
CV7452	S	N	UK		2N1480			
CV7453	S	N	UK		2N1481			
CV7454	S	N	UK		2N1482			
CV7455	S	N	UK		2N1483			
CV7456	S	N	UK		2N1484			
CV7457	S	N	UK		2N1485			
CV7458	S	N	UK		2N1486			
CV7459	S	P	UK	QC205			2S300	
CV7460	G	P	UK	AUY10				
CV7461	S	N	UK				2S103	
CV7462	S	P	UK		2N2411			
CV7463	S	P	UK		2N2412			
CV7464	S	N	UK		2N706A			
CV7477	S	N	UK	C63				
CV7478	S	N	UK		2N918			
CV7479	S	N	UK		2N2060			
CV7480	S	N	UK		2N1511			
CV7481	S	N	UK		2N1512			
CV7482	S	N	UK		2N1513			
CV7483	G	P	UK		2N1514			
CV7490	S	N	UK	BFY17				
CV7491	S	N	UK	BFY18				
CV7492	S	N	UK		2N929			
CV7493	S	N	UK		2N930			
CV7494	G	P	UK	QC20				
CV7495	S	N	UK		2N696			
CV7496	S	N	UK		2N697			
CV7497	S	N	UK	C64				
CV7527	S	N	UK	ZT1487				
CV7528	S	N	UK	ZT1488				
CV7529	S	N	UK	ZT1489				
CV7530	S	N	UK	ZT1490				
CV7554	S	N	UK		2N2475			
CV7555	S	N	UK		2N2369A			
CV7580	S	P	UK		2N1131			
CV7581	S	P	UK		2N1132			
CV7588	S	N	UK				2S104P	
CV7593	S	N	UK		2N2477			
CV7594	S	P	UK		2N2894			
CV7595	S	P	UK		2N3209			
CV7596	S	N	UK				2S103	
CV7597	G	P	UK		2N501			
CV7598	S	P	UK				2S301	
CV7602	S	P	UK	ZT152				
CV7603	S	P	UK	ZT153				
CV7604	S	P	UK	ZT154				
CV7605	S	N	UK		2N916			
CV7606	G	P	UK	ADZ11				
CV7607	G	P	UK	ADZ12				
CV7608	G	P	UK	ADY26				
CV7609	S	N	UK	BFY19				
CV7610	S	N	UK	BFY19				
CV7627			UK	BSX15				
CV7628			UK	BSX18				
CV7629	S	N	UK				2S024	
CV7630	S	P	UK		2N2696			
CV7631	S	P	UK		2N2904	2N2927		
CV7632	S	N	UK	ZT192				
CV7633	S	N	UK	ZT192				
CV7639	S	N	UK	ZT190				
CV7644	S	P	UK	ZT189				
CV7646	S	N	UK		2N708			
CV7647	S	P	UK				2S322	
CV7648	S	N	UK	BSY95A				
CV7669	S	P	UK		2N2904			
CV7670	S	P	UK		2N2905			
CV7671	S	P	UK		2N2904A			
CV7672	S	P	UK		2N2905A			
CV7673	S	P	UK		2N2906			
CV7674	S	P	UK		2N2907			
CV7675	S	P	UK		2N2906A			
CV7676	S	P	UK		2N2907A			
CV7722	S	N	UK	BFY60				
CV7723	S	N	UK	BFY51				

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
CV7724	S	N	UK	BFY52				
CV7725	S	N	UK	BFY50				
CV7726	S	N	UK	BFY51				
CV7750	S	N	UK	ZT81				
CV7751			UK	ZT811				
CV7752	S	N	UK	ZT82				
CV7753	S	P	UK	ZT182				
CV7754	S	N	UK	ZT87				
CV7755	S	P	UK	ZT187				
CV8007	S	P	UK	OC702K				
CV8015	S	N	UK			2S08		
CV8111	G	P	UK	GET105				
CV8119	G	N	UK		2N1302			
CV8126	G	P	UK	NKT124				
CV8130	G	P	UK	ACY18				
CV8150	G	P	UK	GET880				
CV8252	G	P	UK	OC42				
CV8259	G	P	UK	ACY21				
CV8288	G	P	UK	TK13				
CV8314	G	P	UK	OC76				
CV8315	G	P	UK	OC44				
CV8316	G	P	UK	OC45				
CV8322	G	P	UK		2G220X2			
CV8333	S	N	UK		2N1492			
CV8335	G	P	UK		2G210X2			
CV8341	G	P	UK	OC24				
CV8342	G	P	UK	OC28				
CV8344	G	P	UK	OC71				
CV8345	G	N	UK	OC140				
CV8346	G	P	UK	OC77				
CV8347	S	P	UK	OC201				
CV8349	S	P	UK	OC203				
CV8354	G	P	UK	OC170				
CV8355	G	P	UK	OC22				
CV8356	G	P	UK	OC29				
CV8359	G	P	UK		2G306			
CV8360	S	N	UK	ZT23				
CV8361	G	P	UK		2G104			
CV8362	G	P	UK	GET103				
CV8363	G	P	UK	GET102				
CV8366	G	P	UK	GET573				
CV8368	G	P	UK		2G221			
CV8369	G	P	UK		2G140			
CV8370	S	N	UK			2S005		
CV8371	G	N	UK		2N388			
CV8372	G	P	UK		2G304			
CV8373	G	P	UK			2S108		
CV8389	G	P	UK	OC71				
CV8393	S	P	UK			2S301		
CV8396	S	N	UK			2S026		
CV8397	G	N	UK		2N1308			
CV8398	G	P	UK		2N1307			
CV8399	G	P	UK		2N1309			
CV8400	G	P	UK		2G220			
CV8414	S	N	UK	DT1121				
CV8415	S	N	UK	DT1111				
CV8416	S	N	UK	DT1112				
CV8417	S	N	UK			2S002		
CV8421	S	N	UK			2S004		
CV8422	S	N	UK			2S020		
CV8424	S	N	UK	DT4111				
CV8425	S	P	UK	OC450				
CV8426	S	P	UK	OC470				
CV8427	S	P	UK	OC470				
CV8439	G	P	UK		2N174X2			
CV8440	G	P	UK	OC72				
CV8447	S	P	UK	OC200				
CV8448	G	P	UK	OC23				
CV8451	S	N	UK			2S019		
CV8453	S	N	UK			2S002		
CV8455	S	N	UK			2S003		
CV8467	S	N	UK		2N930			
CV8473	S	P	UK			2S324X2		
CV8480	G	P	UK	OC36				
CV8484	S	N	UK		2N1721			

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
CV8500	S	P	UK			2S321		
CV8501	G	P	UK	NKT403				
CV8509	G	P	UK		2N441			
CV8541	U	P	UK		2N1671A			
CV8542	S	N	UK		2N334A			
CV8543	S	P	UK		2N685			
CV8549	S	P	UK	BCZ11				
CV8551	S	P	UK	OC480K				
CV8558	G	P	UK	GET111				
CV8559	G	P	UK	NKT223				
CV8560	G	P	UK	OC26				
CV8565	S	P	UK	OC450K				
CV8568	S	N	UK		2N916			
CV8582	S	N	UK	GT42				
CV8593	G	P	UK		2N1536			
CV8597	S	P	UK		2N878			
CV8598	S	P	UK		2N877			
CV8600	G	P	UK		2N396			
CV8601	S	N	UK		2N719A			
CV8602	S	N	UK		2N1990			
CV8603	S	N	UK		2N2297			
CV8607	G	P	UK	GET113				
CV8609	S	N	UK	BFY16				
CV8611	S	N	UK			2S024		
CV8612	S	N	UK			2S323		
CV8613	S	N	UK			2S712		
CV8615	S	N	UK	BSY95A				
CV8618	G	P	UK	GET885				
CV8635	G	P	UK	AFZ11				
CV8638	G	P	UK	AFZ12A				
CV8639	G	P	UK	AFZ12B				
CV8641	G	P	UK	GET890				
CV8642	G	P	UK	GET887				
CV8643	S	N	UK			2S701		
CV8645	S	N	UK			2S017		
CV8647	S	N	UK	ZT92				
CV8649	S	N	UK	ZT86				
CV8661	G	P	UK		2N1204			
CV8662	G	P	UK		2N1499A			
CV8668	G	P	UK		2N513A			
CV8673	G	P	UK		2G227			
CV8677	G	P	UK	ZT227C				
CV8686	G	P	UK	NKT401X2				
CV8696	S	N	UK			2S711		
CV8700	S	N	UK	ASY64				
CV8702	G	P	UK		2N978			
CV8710	S	N	UK		2N1889			
CV8712	J	P	UK		2N2398			
CV8718	S	P	UK	BCY39				
CV8722	S	P	UK			2S306		
CV8723	J	P	UK		2N2498			
CV8724	G	P	UK	OC83				
CV8725	G	P	UK		2N257			
CV8728	S	N	UK		2N715			
CV8729	S	N	UK		2N706A			
CV8756	G	P	UK	OC122				
CV8758	S	N	UK		2N1720			
CV8760	S	P	UK	BCY31				
CV8762	S	P	UK			2S322		
CV8765	G	P	UK	NKT213				
CV8767	U	P	UK		2N2160			
CV8775	G	P	UK	ADZ12				
CV8781	S	N	UK			2S020		
CV8782	S	N	UK			2S026		
CV8783	S	P	UK			2S304		
CV8785	G	P	UK		2N1309			
CV8786	G	P	UK		2N1309			
CV8789	G	P	UK		2N458AX2			
CV8792	G	P	UK	CTP1109				
CV8794	G	P	UK	NKT226				
CV8798	G	N	UK		2N1302			
CV8799	G	P	UK		2N1303			
CV8800	G	P	UK		2N11848			
CV8801	G	P	UK	NKT301				
CV8802	G	P	UK	NKT127				

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
CV8803	G	P	UK		2N268			
CV8804	G	P	UK		2N1021			
CV8806	S	N	UK		2N1481			
CV8807	S	P	UK	OC700				
CV8810	G	P	UK	NKT304				
CV8817	G	P	UK		2N1692			
CV8818	S	N	UK			2S722		
CV8819	G	N	UK		2N1030			
CV8826	S	P	UK	OC203				
CV8827	S	N	UK			2S017		
CV8828	G	P	UK		2N6778			
CV8830	S	P	UK	OC440				
CV8831	S	P	UK	OC460				
CV8832	G	P	UK		2N499			
CV8837	G	N	UK	NKT713				
CV8838	G	P	UK	NKT32				
CV8843	S	N	UK		2N1613			
CV8844	S	N	UK		2N708			
CV8845	S	N	UK		2N2223			
CV8846	S	P	UK		2N869			
CV8847	S	P	UK		2N995			
CV8848	G	P	UK		2N227C			
CV8849	G	P	UK		2N1038			
CV8850	G	P	UK		2N1907			
CV8856	S	P	UK		2N1131			
CV8857	S	P	UK		2N2233			
CV8863	S	N	UK	8LY12				
CV8864	G	P	UK		2N645			
CV8874	S	N	UK		2N2432			
CV8875	S	N	UK		2N1410			
CV8876	S	N	UK		2N1506			
CV8881	S	N	UK		2N1716			
CV8883	S	N	UK		2N2846			
CV8886	S	N	UK			2S025		
CV8887	S	P	UK			2S017X2		
CV8889	S	N	UK		2N3055			
CV8890	S	N	UK		2N3053			
CV8891	S	P	UK	OC701				
CV8894	S	P	UK	OC204				
CV8899	G	P	UK		2N458X2			
CV8901	S	N	UK		2N2739			
CV8902	S	N	UK		2N3054			
CV8903	S	N	UK		2N1016			
CV8909	S	N	UK		2N708A			
CV8910	S	N	UK			2S025		
CV8911	S	N	UK		2N1700			
CV8913	S	N	UK		2N2218			
CV8915	S	N	UK	BFY19				
CV8916	S	N	UK	BSY26				
CV8923	G	N	UK		2N444A			
CV8924	G	P	UK		2N456A			
CV8925	G	P	UK		2N457A			
CV8941	S	N	UK		2N1483			
CV8942	S	P	UK			2S303		
CV8950	S	P	UK		2N1259			
CV8966	G	N	UK	OC139				
CV8968	S	P	UK		2N125A			
CV8970	S	P	UK			2S302		
CV8972	S	P	UK		2N2800			
CV8979	G	P	UK		2N1396			
CV8981	J	P	UK		2N1742X2			
CV8982	G	P	UK	OC25				
CV9000	G	P	UK		2N386			
CV9001	S	P	UK	ASY67				
CV9002	S	P	UK			2S320		
CV9004	S	P	UK		2N727			
CV9008	G	P	UK		2N1907			
CV9017	S	N	UK		2N1701			
CV9020	G	P	UK		2N1225			
CV9021	S	P	UK	BSY25				
CV9029	S	P	UK		2N721			
CV9031	G	N	UK		2N797			
CV9033	S	N	UK	BUY11				
CV9035	S	N	UK			2S721		
CV9039	G	P	UK	GET882				

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
CV9040	G	N	UK	ASY28				
CV9047	S	P	UK		2N2894			
CV9048	S	P	UK		2N2696			
CV9055	S	N	UK		2N698			
CV9058	S	P	UK			2S324		
CV9059	S	P	UK	BCY40				
CV9068	G	P	UK	OC71				
CV9069	G	P	UK	GET881				
CV9070	G	P	UK	GET889				
CV9071	G	P	UK	GET892				
CV9074	S	N	UK	BSY29				
CV9075	S	N	UK		2N915			
CV9083	S	N	UK		2N2243A			
CV9098	G	P	UK		2N458A			
CV9101	S	N	UK		2N2040			
CV9104	S	P	UK	BCY32X2				
CV9106	G	P	UK	GT46				
CV9111	G	P	UK	GT43				
CV9114	S	N	UK			2S732		
CV9128	U		UK		2N494			
CV9129	S	N	UK		2N1016B			
CV9139	S	N	UK		2N1893			
CV9131	S	N	UK		2N2150			
CV9132	S	N	UK		2N2219			
CV9133	S	N	UK		2N2484			
CV9134	S	P	UK		2N2905			
CV9157	S	P	UK		2N1918			
CV9177	G	P	UK		2G4035			
CV9183	G	P	UK	TS13				
CV9184	G	P	UK		2N597			
CV9190	G	P	UK	NKT271				
CV9192	S	P	UK		2N2905A			
CV9209	S	N	UK			2S018		
CV9211	S	N	UK		2N706			
CV9212	S	N	UK		2N703			
CV9215	S	N	UK	BSY95				
CV9216	S	N	UK		2N3447			
CV9218	S	N	UK		40251			
CV9235	G	P	UK		2N711			
CV9243			UK		4011C			
CV9247	S	P	UK	BCY31				
CV9249	G	P	UK		2G401			
CV9250	G	P	UK		2N297			
CV9251	G	P	UK		2N397			
CV9255	S	N	UK		2N3553			
CV9256	S	N	UK		2N3263			
CV9258	G	P	UK	GET103X2				
CV9259	G	P	UK	OC83				
CV9261	G	N	UK		2N1304			
CV9264	G	P	UK	OC35				
CV9266	G	P	UK	GET538				
CV9267	G	P	UK	GET888				
CV9290	S	N	UK		2N2893			
CV9291	S	N	UK		2N914			
CV9294			UK	XK575				
CV9296	S	N	UK		2N549			
CV9300	S	N	UK		2N2021			
CV9308	G	P	UK	NKT405				
CV9313	G	P	UK		2N525A			
CV9314	U		UK		2N1671A			
CV9318	G	P	UK		2N1553			
CV9320	S	N	UK		2N2368			
CV9321	S	N	UK			2S104		
CV9324	G	P	UK		2N669B			
CV9342	G	P	UK	NKT404				
CV9347	S	N	UK		SE3001			
CV9351	G	P	UK	AFZ12				
CV9352	U		UK		2N1671B			
CV9354	S	P	UK		2N2861			
CV9359	S	N	UK	BUY10				
CV9360			UK	BLY11				
CV9364	S	N	UK		2N2223A			
CV9366	S	P	UK		2N3072			
CV9367	S	N	UK		2N3442			
CV9368	S	N	UK		2N2484			

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
CV9372	G	P	UK	NKT218				
CV9373	G	P	UK	GET872				
CV9375	G	P	UK	ACY30				
CV9378	S	N	UK	BFX21				
CV9379	S	N	UK	BSY95A				
CV9384	S	N	UK		2N3235			
CV9392	L	N	UK	ZT2474				
CV9395	S	N	UK		2N2194			
CV9400	S	N	UK		2N163			
CV9407	G	P	UK		2N539			
CV9415	G	P	UK		2G302			
CV9420	S	P	UK	BCY18				
CV9426	S	N	UK	BFY50				
CV9430	S	P	UK	BCY30				
CV9431	S	P	UK	BCY34				
CV9436	S	N	UK		2N3441			
CV9437	S	N	UK		2N3442			
CV9447	G	P	UK	OC77				
CV9449	S	N	UK		2N3858X2			
CV9456	G	P	UK	AU130				
CV9457	G	P	UK	ACY39				
CV9463	S	N	UK		2N1711			
CV9477	S	N	UK		2N2338			
CV9481	G	P	UK		2N1309			
CV9483	G	P	UK	ACY20				
CV9484	G	P	UK	ACY17				
CV9486	S	N	UK		2N709			
CV9487	G	P	UK		2N1534			
CV9496	G	N	UK		2N1311			
CV9498	G	P	UK		2N2656			
CV9508	S	P	UK	BFY64				
CV9512	S	N	UK		2N2979			
CV9513	J	N	UK		2N3278			
CV9515	S	N	UK		2N2824			
CV9516	S	P	UK	ZT211				
CV9518	S	P	UK		2N2890			
CV9526	G	P	UK		2N1754			
CV9538	S	P	UK	BCY54				
CV9562	S	N	UK		2N699			
CV9563	G	P	UK		2N1305			
CV9564			UK		2N1369A			
CV9565	S	N	UK		2S733			
CV9566	S	P	UK		2S305			
CV9577	G	P	UK		2N1531			
CV9578	G	P	UK		2N1748A			
CV9585	S	N	UK	BFY20				
CV9588	S	P	UK		2N3906			
CV9589	S	N	UK		40250			
CV9590	S	N	UK		40231			
CV9602	U	N	UK		2N492A			
CV9603	S	N	UK		2N2892			
CV9604	S	N	UK		2N2102			
CV9605	J	N	UK		2N3993			
CV9606	J	N	UK		2N3824			
CV9611	G	P	UK		2N1147			
CV9623	S	P	UK		2N3467			
CV9624	S	N	UK		2N3252			
CV9628	S	N	UK		2N3252			
CV9667	S	N	UK		2N3236			
CV9668	S	N	UK		2N706B			
CV9669	S	N	UK		2N2538			
CV9670	G	P	UK		2N966			
CV9697	S	N	UK		2N3108			
CV9699	S	N	UK		2N2369			
CV9700	G	P	UK		2N1147B			
CV9701	S	N	UK		2N3501			
CV9702	S	P	UK		2N3637			
CV9703	S	N	UK		2N1052			
CV9705	S	P	UK		2N3503			
CV9706	S	N	UK		2N3375			
CV9707	S	N	UK		2N3478			
CV9716	S	N	UK		2N3419			
CV9717	S	N	UK		2N1506A			
CV9719	S	N	UK	ZT2876				
CV9724	S	N	UK	BSY26				

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
CV9730	G	P	UK	ASY26				
CV9734	S	N	UK		2N342			
CV9735	S	N	UK		2N341			
CV9736	S	N	UK		2N332			
CV9737	S	N	UK		2N333			
CV9741	S	N	UK		2N1488			
CV9742	S	N	UK		2N1483			
CV9760	S	N	UK	ZT1483				
CV9761	S	N	UK	ZT1484				
CV9762	S	N	UK	ZT1485				
CV9763	S	N	UK	ZT1486				
CV9766	G	N	UK		2N656			
CV9767	G	P	UK		2N174A			
CV9777	G	N	UK	AD161				
CV9778	G	P	UK	AC126				
CV9780	S	N	UK	BC107				
CV9786	S	N	UK		2N3584			
CV9791	S	P	UK		2N3121			
CV9792	S	N	UK		2N2193			
CV9793	S	N	UK		2N3418			
CV9794	S	N	UK	BSX23				
CV9797	G	P	UK	OC83X2				
CV9798	G	P	UK		2N1755			
CV9807	G	P	UK		2N2067			
CV9808	S	N	UK		2N1899			
CV9811	G	P	UK	GM378B				
CV9815	G	P	UK	OC20X2				
CV9829	G	P	UK		2N422			
CV9830	S	N	UK		2N917			
CV9831	G	P	UK		2N2287			
CV9832	G	P	UK		2N158A			
CV9861	S	N	UK	ZT1479				
CV9862	S	N	UK	ZT1480				
CV9863	S	N	UK	ZT1481				
CV9864	S	N	UK	ZT1482				
CV9865	S	N	UK	ZT1487				
CV9866	S	N	UK	ZT1488				
CV9867	S	N	UK	ZT1489				
CV9868	S	N	UK	ZT1490				
CV9869	S	N	UK		2N1973			
CV9872	S	N	UK		2N2033			
CV9873	U	N	UK		2N489			
CV9888	S	N	UK		2N3019			
CV9895	S	N	UK	BSY11				
CV9909	S	N	UK		2N1016A			
CV9913	G	N	UK		2N338			
CV9914	S	P	UK		2N1131A			
CV9925	G	P	UK		2N711A			
CV9927	G	P	UK	OC71X2				
CV9928	G	P	UK	OC44X2				
CV9939	S	N	UK	BFY11				
CV9944	G	P	UK		2N626			
CV9955	S	N	UK	BUY11				
CV9956	S	N	UK	BFY18				
CV9957	S	N	UK	BSY25				
CV9958	S	N	UK	BSY27				
CV9959	S	N	UK	ASY60				
CV9961	G	P	UK	ASZ21				
CV9962	S	N	UK	ZT43				
CV9975	S	N	UK		2N947			
CV9977	S	N	UK			2S033		
CV9978	S	N	UK			2S034		
CV9979	S	N	UK			2S035		
CV9980	S	N	UK			2S036		
CV9986	S	N	UK		2N335			
CV9988	S	N	UK		2N1647			
CV10018	S	N	UK		2N910			
CV10037	G	P	UK		2N1031B			
CV10040	S	N	UK			2S731		
CV10044	S	N	UK		2N2916			
CV10046	S	N	UK		2N3866			
CV10047	S	N	UK		2N3632			
CV10048	J	P	UK		2N2497			
CV10063	J	N	UK	ZFT14				
CV10060	S	N	UK		2N743			

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
CV10413	S	N	UK		2N2951			
CV10414	G	P	UK		2N2998			
CV10415	S	N	UK		2N657			
CV10416	S	N	UK		2N930			
CV10419	S	N	UK		2N1566A			
CV10420	S	N	UK		2N1049A			
CV10432	S	P	UK		2N1132			
CV10440	S	N	UK	BC107				
CV10441	S	N	UK		2N3440			
CV10467	G	P	UK	NKT12				
CV10471	S	N	UK	BFY52				
CV10509	S	N	UK		2N2218			
CV10511	S	N	UK		2N743X2			
CV10520	S	N	UK	BFY79				
CV10531	S	N	UK	BFY44				
CV10532	S	N	UK		2N3018			
CV10533	S	N	UK	BFY90				
CV10540	S	N	UK	BFX84				
CV10541	S	N	UK	BC108				
CV10544	S	N	UK			2S002		
CV10547	S	N	UK		2N3234			
CV10548	S	P	UK		2N4036			
CV10550	G	P	UK	ACY22				
CV10552	S	N	UK		2N3262			
CV10556	S	N	UK		2N1489			
CV10557	S	N	UK		2N497			
CV10558	S	N	UK		2N3118			
CV10560	S	N	UK		2N3935			
CV10561	S	P	UK		2N3202			
CV10562	S	P	UK		2N3636			
CV10563	G	P	UK		2N2078			
CV10564	S	P	UK		2N3702			
CV10575	J	N	UK		2N3935			
CV10576	G	P	UK		2G309			
CV10577	G	P	UK		2N3323			
CV10580	G	P	UK		2N383			
CV10581	G	P	UK		2N1373			
CV10582	G	P	UK		2N2189			
CV10583	G	P	UK		2N2635			
CV10584	S	N	UK		2N3391			
CV10585	S	N	UK		2N2218A			
CV10588	S	P	UK		2N2185			
CV10595	J	N	UK		2N3436			
CV10601	S	N	UK		2N657A			
CV10602	S	N	UK		2N1481			
CV10618	S	N	UK	BC108				
CV10627	G	P	UK		2N1146			
CV10629	S	P	UK	BFX88				
CV10675	G	N	UK	AC176				
CV10680	S	N	UK		2N2192			
CV10681	S	N	UK	BFY63				
CV10682	S	P	UK		2N3703			
CV10683	S	N	UK		2N3704			
CV10684	J	N	UK		2N3819			
CV10686	G	N	UK		2N1306			
CV10692	S	N	UK			2S024		
CV10697	U	PN	UK		2N491B			
CV10715	S	N	UK		40354			
CV10718	G	P	UK	OC36X2				
CV10720	S	N	UK	BFY17				
CV10732	G	P	UK		2N1762			
CV10736	S	N	UK		2N2243			
CV10739	S	N	UK	ZT1708				
CV10740	S	P	UK	ZT183				
CV10741	S	P	UK	ZT184				
CV10747	S	P	UK		2N3504			
CV10760	S	N	UK	ZT90				
CV10751	G	P	UK		2G386			
CV10766	J	N	UK		2N4393			
CV10787	S	N	UK	BF185				
CV10768	S	N	UK	BF184				
CV10789	S	N	UK	BC109				
CV10778	S	N	UK	BFY72X2				
CV10779	S	P	UK		2N3063			
CV10786	S	N	UK		2N699B			

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
CV10061	G	N	UK	OC141				
CV10063	G	P	UK	NKT677				
CV10068	G	P	UK	OC171				
CV10075	S	N	UK		2N1485			
CV10082	S	N	UK			2S104		
CV10085	S	P	UK	OC205				
CV10086	S	P	UK			2S307		
CV10094	S	P	UK	BCY32				
CV10095	G	N	UK		2N1308			
CV10109	G	P	UK	ASY66				
CV10139	S	P	UK	OC466				
CV10140	S	N	UK		2N3572			
CV10141	S	N	UK		2N3110			
CV10142	S	N	UK		2N2891			
CV10143	S	N	UK		40422			
CV10160	S	N	UK	ZT82				
CV10159	S	N	UK	BFY52				
CV10160	G	P	UK	ADZ11				
CV10161	S	N	UK	ZDT21				
CV10162	G	N	UK		2N1672			
CV10164	G	P	UK		2G387			
CV10166	S	N	UK		40321			
CV10168	S	P	UK		2N2945			
CV10180	S	P	UK			2S325		
CV10181			UK			2S720		
CV10183	G	P	UK	ACY19				
CV10190	S	P	UK		2N2904			
CV10202	G	P	UK	NKT128				
CV10209	G	P	UK	NKT404X2				
CV10215	S	N	UK		2N1613			
CV10235	S	P	UK	BCY72				
CV10236	S	N	UK	BFY72				
CV10238	S	N	UK		2N3543			
CV10240	S	N	UK	ZT1514				
CV10243	S	N	UK	BF115				
CV10244	S	N	UK	ZT1513				
CV10266	G	P	UK	OC20				
CV10267	G	P	UK		2N3731			
CV10268	S	N	UK		2N3643			
CV10269	S	P	UK		2N3638			
CV10270	S	N	UK		2N3566			
CV10271	S	N	UK		2N3565			
CV10272	S	P	UK		2N3251			
CV10273	G	P	UK	OC43				
CV10274	G	P	UK		2N711			
CV10275	G	P	UK	ASY27				
CV10276	G	P	UK	AF118				
CV10279	S	P	UK	ZT1072				
CV10280	S	P	UK	BCY38				
CV10283	G	P	UK	ADY26				
CV10288	G	P	UK		2N2068			
CV10292	G	P	UK		2G303			
CV10304	S	N	UK		2N718			
CV10309	S	N	UK		2N2410			
CV10336	G	P	UK		2N222A			
CV10337	S	N	UK	BSY38				
CV10338	S	N	UK	BSY39				
CV10345	S	N	UK	BDY10				
CV10350	G	P	UK		2N2063			
CV10351	S	N	UK		2N3302			
CV10352	S	N	UK		2N3045			
CV10353	S	P	UK		2N3051			
CV10357	S	N	UK		2N424			
CV10376	G	P	UK	GET880				
CV10379	S	N	UK	BFY57				
CV10381	G	P	UK	NKT401				
CV10384	G	P	UK		2N140			
CV10391	S	N	UK		2N2479			
CV10393	S	N	UK		2N2405			
CV10394	G	P	UK		2G382			
CV10396	S	N	UK			2S502		
CV10409	S	P	UK			2S327		
CV10410	J	P	UK		2N2386			
CV10411	S	N	UK		2N2865			
CV10412	S	N	UK		2N2850			

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
CV10787	S	N	UK		2N3998			
CV10788	S	N	UK		2N3420			
CV10789	S	N	UK		2N3570			
CV10806	S	N	UK	BC109				
CV10809	G	P	UK	OC71				
CV10814	S	P	UK	BCY71				
CV10815	S	N	UK	BSX21				
CV10821	S	P	UK	BFX39				
CV10824	G	P	UK		2N2996			
CV10827	S	N	UK	BFY81				
CV10828	S	P	UK		2N3905			
CV10834	S	N	UK			2S501		
CV10836	S	N	UK	BDY11				
CV10837	S	N	UK	BCY55				
CV10838	S	P	UK		2N2274			
CV10845	S	N	UK		2N3773			
CV10846	S	N	UK			2S033		
CV10850	S	N	UK	BSX19				
CV10855	G	P	UK	NKT228				
CV10862	S	N	UK	ZT81				
CV10863	S	N	UK	ZT403P				
CV10866	S	N	UK	ZT42				
CV10879	S	N	UK			2S300		
CV10885	G	P	UK	OC35X3				
CV10886	S	N	UK	BCY42				
CV10893	G	P	UK		2N2444			
CV10895	G	P	UK		2N5128			
CV10898	G	P	UK		2N652A			
CV10899	G	P	UK		2N1183B			
CV10900	G	P	UK		2N2048			
CV10901	G	P	UK		2N2043			
CV10905	S	N	UK	BSY39/2				
CV10908	G	P	UK	AF124				
CV10909	G	P	UK	ASZ15				
CV10910	G	P	UK		2N1041			
CV10911	S	P	UK		2N495			
CV10912	S	N	UK		2N718A			
CV10918	S	N	UK	BCY55				
CV10930	S	P	UK		2N4399			
CV10944	S	N	UK		2N2641			
CV10945	S	P	UK		2N727			
CV10946	S	N	UK		2N3712			
CV10971	G	P	UK	NKT143				
CV10980	S	N	UK		2N2034			
CV10981	S	N	UK		2N2452			
CV10986	S	N	UK	BSX30				
CV10990	S	P	UK	BCY70				
CV10992	G	P	UK	GET875				
CV10993	S	N	UK	BD121				
CV10995	G	P	UK	GET872				
CV10996	G	P	UK		2N705			
CV10999	G	P	UK		2N1654			
CV11000	S	N	UK		2N2977			
CV11007	S	N	UK		2N3585			
CV11010	S	P	UK		2N5416			
CV11011	G	P	UK		2N2613			
CV11012	S	N	UK	BD123				
CV11013	S	N	UK	BSX27				
CV11014	S	N	UK	BCY43				
CV11023	S	N	UK		2N2857			
CV11034	S	P	UK	BSW25				
CV11040	S	N	UK		2N2925			
CV11041	S	N	UK		2N3904			
CV11042	G	P	UK		2N2207			
CV11043	G	P	UK		2N967			
CV11044	S	N	UK		2N2501			
CV11045	G	P	UK		2N2148			
CV11046	S	N	UK		2N2923			
CV11047	S	N	UK		2N2924			
CV11054	S	P	UK	8FX35				
CV11056	S	P	UK		2N3741			
CV11058	S	N	UK	8FY82				
CV11060	S	N	UK	ZT88				
CV11062	S	P	UK		2N2604			
CV11070	S	N	UK			2S024		

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
CV11071	S	N	UK					
CV11072	S	N	UK			25025		
CV11078	S	P	UK			25026		
CV11089	S	P	UK	8FX11				
CV11091	S	P	UK	ZT152				
				ZT210				
CV11092	S	N	UK	ZDT42				
CV11095	S	N	UK	ZT1484				
CV11096	S	N	UK	ZT91				
CV11099	S	N	UK		2N845			
CV11113	S	N	UK		2N3439			
CV11123	G	P	UK	ACY17				
CV11135	S	P	UK		2N2907A			
CV11137	S	P	UK		2N722			
CV11139	S	N	UK		2N720A			
CV11143	S	N	UK		2N4401			
CV11144	S	P	UK		2N4403			
CV11145	S	N	UL		40346			
CV11147	S	N	UK		40348			
CV11149	S	P	UK		2N3791			
CV11151	S	P	UK		2N1275			
CV11152	S	N	UK			25512		
CV11153	S	P	UK		2N3133			
CV11155	G	P	UK		2N2147			
CV11227	S	P	UK		2N2944			
CV11228	S	P	UK	8FX48				
CV11229	S	N	UK	ZT1479				
CV11236	S	P	UK	8CY71				
CV11238	S	N	UK	8FY51				
CV11241	S	N	UK		2N4348			
CV11242	S	N	UK		2N3240			
CV11243	G	P	UK		2N1396			
CV11248	G	P	UK		2N1905			
CV11152	G	P	UK			25512		
D40D	S	N	GE		2N8121		D41D	06, 16
D40D1	S	N	GE, NP		RCP707	TIP29	D41D1	06, 16
D40D1					2N6288			06, 16
D40D2	S	N	GE, NP		RCP707	TIP29	D41D2	06, 16
D40D2					2N6288			06, 16
D40D3	S	N	GE, NP		RCP707	TIP29		06, 16
D40D4	S	N	GE, NP		RCP707	TIP29	D41D4	06, 16
D40D4					TIP29A	2N6290		06, 16
D40D5	S	N	GE, NP		RCP707	TIP29	D41D5	06, 16
D40D5					TIP29A	2N6290		06, 16
D40D6	S	N	GE		RCP701B			06, 16
D40D7	S	N	GE, NP		RCP701B	TIP29A	D41D7	06, 16
D40D7					2N6292			06, 16
D40D8	S	N	GE, NP		RCP701B	TIP29A	D41D8	06, 16
D40D8					2N6292			06, 16
D40D10	S	N	GE		RCP701C	TIP29B	D41D10	06, 16
D40D10					2N6175			06, 16
D40D11	S	N	GE		RCP701C	TIP29B	D41D11	06, 16
D40D11					2N6175			06, 16
D40E1	S	N	GE		RCP705		D41E1	06, 16
D40E5	S	N	GE		RCP701B		D41E5	06, 16
D40E7	S	N	GE		RCP701C		D41E7	06, 16
D40N1	S	N	GE		RCP113B	TIP47		06, 16
D40N1					2N6175			06, 16
D40N2	S	N	GE		RCP111B	TIP47		06, 16
D40N2					2N6175			06, 16
D40N3	S	N	GE		RCP113C	TIP48		06, 16
D40N3					2N6175			06, 16
D40N4	S	N	GE		RCP111C	TIP48		06, 16
D40N4					2N6175			06, 16
D40P1	S	N	GE		TIP47	2N6175		06, 16
D40P3	S	N	GE		TIP47	2N6175		06, 16
D40P5	S	N	GE		TIP47	2N6175		06, 16
D41D	S	P	GE		2N6124		D40D	06, 16
D41D1	S	P	GE, NP		RCP706	TIP30	D40D1	06, 16
D41D1					2N6111			06, 16
D41D2	S	P	GE, NP		RCP706	TIP30	D40D2	06, 16
D41D2					2N6111			06, 16
D41D4	S	P	GE, NP		RCP700B	TIP30A	D40D4	06, 16
D41D4					TIP30	2N6109		06, 16
D41D5	S	P	GE, NP		RCP700B	TIP30	D40D5	06, 16
D41D5					TIP30A	2N6109		06, 16

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
D41D6	S	P				RCP700B				06, 16
D41D7	S	P	GE, NP			RCP700B	TIP30A		D40D7	06, 16
D41D8	S	P	GE, NP			2N6107				06, 16
D41D8	S	P	GE, NP			RCP700B	TIP30A		D40D8	06, 16
D41D8	S	P	GE, NP			2N6107				06, 16
D41D10	S	P	GE			RCP700B	RCP700C		D40D10	06, 16
D41D10	S	P	GE			TIP30B	2N6107			06, 16
D41D11	S	P	GE			RCP700B	RCP700C		D40D11	06, 16
D41D11	S	P	GE			TIP30B	2N6107			06, 16
D41D13	S	P	GE			RCP700C			D40D13	06, 16
D41E1	S	P	GE			RCP704			D40E1	06, 16
D41E6	S	P	GE			RCP700B			D40E5	06, 16
D41E7	S	P	GE			RCP700C			D40E7	06, 16
D42C	S	N				2N6121			D43C	06, 16
D42C1	S	N	GE, NP			2N6288	RCP707		D43C1	06, 16
D42C1	S	N	GE, NP			TIP31	2N6121			06, 16
D42C2	S	N	GE, NP			RCP705	TIP31		D43C2	06, 16
D42C2	S	N	GE, NP			2N6121	2N6288			06, 16
D42C3	S	N	GE, NP			RCP705	TIP31		D43C3	06, 16
D42C3	S	N	GE, NP			2N6121	2N6288			06, 16
D42C4	S	N	GE, NP			RCP703A	TIP31A		D43C4	06, 16
D42C4	S	N	GE, NP			TIP31	2N6121			06, 16
D42C4	S	N	GE, NP			2N6290				06, 16
D42C5	S	N	GE, NP			RCP701A	TIP31		D43C5	06, 16
D42C5	S	N	GE, NP			TIP31A	2N6121			06, 16
D42C5	S	N	GE, NP			2N6290				06, 16
D42C6	S	N	GE, NP			RCP701A	TIP31		D43C6	06, 16
D42C6	S	N	GE, NP			TIP31A	2N6222			06, 16
D42C6	S	N	GE, NP			2N6290				06, 16
D42C7	S	N	GE, NP			RCP703B	TIP31A		D43C7	06, 16
D42C7	S	N	GE, NP			2N6222	2N6292			06, 16
D42C8	S	N	GE, NP			RCP701B	TIP31A		D43C8	06, 16
D42C8	S	N	GE, NP			2N6222	2N6292			06, 16
D42C9	S	N	GE			RCP701B	TIP31A		D43C9	06, 16
D42C9	S	N	GE			2N6292	2N6122			06, 16
D42C10	S	N	GE			RCP703C	TIP31B		D43C10	06, 16
D42C10	S	N	GE			2N6292	2N6123			06, 16
D42C11	S	N	GE			RCP701C	TIP31B		D43C11	06, 16
D42C11	S	N	GE			2N6292	2N6123			06, 16
D42C12	S	N	GE			RCP701C			D43C12	06, 16
D43C	S	P				2N6124			D42C	06, 16
D43C7	S	P	GE, NP			RCP706	TIP32		D42C1	06, 16
D43C2	S	P	GE, NP			2N6124	2N6111			06, 16
D43C2	S	P	GE, NP			RCP704	TIP32		D42C2	06, 16
D43C2	S	P	GE, NP			2N6124	2N6111			06, 16
D43C3	S	P	GE, NP			RCP704	TIP32		D42C3	06, 16
D43C3	S	P	GE, NP			2N6124	2N6111			06, 16
D43C4	S	P	GE, NP			RCP702A	TIP32A		D42C4	06, 16
D43C4	S	P	GE, NP			TIP32	2N6124			06, 16
D43C4	S	P	GE, NP			2N6109				06, 16
D43C5	S	P	GE, NP			RCP700A	TIP32A		D42C5	06, 16
D43C5	S	P	GE, NP			TIP32	2N6124			06, 16
D43C5	S	P	GE, NP			2N6109				06, 16
D43C6	S	P	GE, NP			RCP700A			D42C6	06, 16
D43C7	S	P	GE, NP			RCP702B	TIP32A		D42C7	06, 16
D43C7	S	P	GE, NP			2N6109	2N6125			06, 16
D43C8	S	P	GE, NP			RCP700B	TIP32A		D42C8	06, 16
D43C8	S	P	GE, NP			2N6125	2N6107			06, 16
D43C9	S	P	GE			RCP700B	2N6125		D42C9	06, 16
D43C9	S	P	GE			2N6107	TIP32A			06, 16
D43C10	S	P	GE			RCP702C	2N6107		D42C10	06, 16
D43C10	S	P	GE			2N6126	TIP32B			06, 16
D43C11	S	P	GE			RCP700C	2N6107		D42C11	06, 16
D43C11	S	P	GE			2N6126	TIP32B			06, 16
D43C12	S	P	GE			RCP700C			D42C12	06, 16
D44C	S	N				2N6121			D45C	06, 16
D44C1	S	N	GE, NP	BD221	BD239	2N6288	2N6121		D45C1	06, 16
D44C1	S	N	GE, NP			TIP31				06, 16
D44C2	S	N	GE, NP	BD221	BD239	2N6288	2N6121		D45C2	06, 16
D44C2	S	N	GE, NP			TIP31				06, 16
D44C3	S	N	GE, NP	BD221	BD239	2N6288	2N6121		D45C3	06, 16
D44C3	S	N	GE, NP			TIP31				06, 16
D44C4	S	N	GE, NP	BD239		2N6290	2N6121		D45C4	06, 16
D44C4	S	N	GE, NP			TIP31				06, 16

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
D44C5	S	N	GE, NP			TIP31				06. 16
D44C6	S	N	GE, NP	BD239		2N6290	2N6121		D45C6	06. 16
D44C6	S	N	GE, NP	BD239A		TIP31				06. 16
D44C7	S	N	GE, NP	BD239A		2N6292	2N6122		D45C7	06. 16
D44C7	S	N	GE, NP	BD239A		TIP31A				06. 16
D44C8	S	N	GE, NP	BD239A		2N6292	2N6122		D45C8	06. 16
D44C8	S	N	GE, NP	BD239A		TIP31A				06. 16
D44C9	S	N	GE, NP	BD239A		2N6292	2N6122		D45C9	06. 16
D44C9	S	N	GE	BD239B		TIP31A				06. 16
D44C10	S	N	GE	BD239B		2N6292	2N6123		D45C10	06. 16
D44C10	S	N	GE	BD239B		TIP31B				06. 16
D44C11	S	N	GE	BD239B		2N6292	2N6123		D45C11	06. 16
D44C11	S	N	GE	BD239B		TIP31B				06. 16
D44C12	S	N	GE	BD239B		2N6123			D45C12	06. 16
D44E1	SD	N	GE			SE9300	2N6386		D45E1	06. 16
D44E2	SD	N	GE			SE9300	2N6387		D45E2	06. 16
D44E3	SD	N	GE			SE9301	2N6388		D45E3	06. 16
D44H1	S	N	GE			2N6288	2N6129		D45H1	06. 16
D44H1	S	N	GE			TIP41				06. 16
D44H2	S	N	GE			2N6288	2N6129		D45H2	06. 16
D44H2	S	N	GE			TIP41				06. 16
D44H4	S	N	GE			2N6290	2N6129		D45H4	06. 16
D44H4	S	N	GE			TIP41				06. 16
D44H5	S	N	GE			2N6290	2N6129		D45H5	06. 16
D44H5	S	N	GE			TIP41				06. 16
D44H7	S	N	GE			2N6292	2N6130		D45H7	06. 16
D44H7	S	N	GE			TIP41A				06. 16
D44H8	S	N	GE			2N6292	2N6130		D45H8	06. 16
D44H8	S	N	GE			TIP41A				06. 16
D44H10	S	N	GE			2N6131	2N6292		D45H10	06. 16
D44H10	S	N	GE			TIP41B				06. 16
D44H11	S	N	GE			2N6131	2N6292		D45H11	06. 16
D44H11	S	N	GE			TIP41B				06. 16
D44R1	S	N	GE			TA8863B	TIP47			18
D44R2	S	N	GE			TA8863B	TIP47			18
D44R3	S	N	GE			TA8863B	TIP48			18
D44R4	S	N	GE			TA8863B	TIP48			18
D44R5	S	N	GE			TA8863F				18
D44R6	S	N	GE			TA8863F				18
D45C	S	P				2N6124			D44C	06. 16
D45C1	S	P	GE, NP	BD224	BD240	2N6111	2N6124		D44C1	06. 16
D45C1	S	P	GE, NP	BD224	BD240	TIP32				06. 16
D45C2	S	P	GE, NP	BD224	BD240	2N6111	2N6124		D44C2	06. 16
D45C2	S	P	GE, NP	BD224	BD240	TIP32				06. 16
D45C3	S	P	GE, NP	BD224	BD240	2N6111	2N6124		D44C3	06. 16
D45C3	S	P	GE, NP	BD240		TIP32				06. 16
D45C4	S	P	GE, NP	BD240		2N6109	2N6124		D44C4	06. 16
D45C4	S	P	GE, NP	BD240		TIP32				06. 16
D45C5	S	P	GE, NP	BD240		2N6109	2N6124		D44C5	06. 16
D45C5	S	P	GE, NP	BD240		TIP32				06. 16
D45C6	S	P	GE, NP	BD240		2N6109	2N6124		D44C6	06. 16
D45C6	S	P	GE, NP	BD240A		TIP32				06. 16
D45C7	S	P	GE, NP	BD240A		2N6125	2N6107		D44C7	06. 16
D45C7	S	P	GE, NP	BD240A		2N6124	TIP32A			06. 16
D45C8	S	P	GE, NP	BD240A		2N6107	2N6125		D44C8	06. 16
D45C8	S	P	GE, NP	BD240A		TIP32A				06. 16
D45C9	S	P	GE, NP	BD240A		2N6107	2N6125		D44C9	06. 16
D45C9	S	P	GE	BD240B		TIP32A				06. 15
D45C10	S	P	GE	BD240B		2N6107	2N6126		D44C10	06. 16
D45C10	S	P	GE	BD240B		TIP32B				06. 16
D45C11	S	P	GE	BD240B		2N6107	2N6126		D44C11	06. 16
D45C11	S	P	GE	BD240B		TIP32B				06. 16
D45C12	S	P	GE	BD240B		2N6126			D44C12	06. 16
D45E1	SD	P	GE			SE9400	RCA8203		D44E1	06. 16
D45E2	SD	P	GE			SE9400	RCA8203A		D44E2	06. 16
D45E3	SD	P	GE			SE9401	RCA8203B		D44E3	06. 16
D45H1	S	P	GE			2N6111	2N6132		D44H1	06. 16
D45H1	S	P	GE			TIP42				06. 16
D45H2	S	P	GE			2N6111	2N6132		D44H2	06. 16
D45H2	S	P	GE			TIP42				06. 16
D45H4	S	P	GE			2N6109	2N6132		D44H4	06. 16
D45H4	S	P	GE			TIP42				06. 16
D45H5	S	P	GE			2N6109	2N6132		D44H5	06. 16
D45H5	S	P	GE			TIP42				06. 16
D45H7	S	P	GE			2N6109	2N6107		D44H7	06. 16

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
D45H7	S	P	GE			2N6133	TIP42A			06, 16
D45H8	S	P	GE			2N6107	2N6133		D44H8	06, 16
D45H8	S	P	GE			TIP42A				06, 16
D45H9	S	P	GE			2N6133				06, 16
D45H10	S	P	GE			2N6107	2N6134		D44H10	06, 16
D45H10	S	P	GE			TIP42B				06, 16
D45H11	S	P	GE			2N6134	2N6107		D44H11	06, 16
D45H11	S	P	GE			TIP42B				06, 16
D1101	L	N				2N4220A	2N3070			06, 16
D1102	L	N				MFE2094	2N3070			06, 16
D1103	L	N				MFE2093	2N3071			
D1177	L	N				MFE2095	2N3070			
D1178	L	N				MFE2094	2N3070			
D1179	L	N				MFE2093	2N3071			
D1180	L	N				2N4221A	2N4222A			
D1180	J	N				2N3069				
D1181	J	N				2N4220A	2N3070			
D1182	J	N				2N4220A	2N3071			
D1183	J	N				2N4223	TN4341			
D1184	J	N				2N4220A	TN4340			
D1185	J	N				2N4220A	TN4399			
D1201	J	N				2N4224				
D1202	J	N				2N3821				
D1203	J	N				MFE2093	2N5358			
D1301	J	N				2N4222A				
D1302	J	N				2N4220A				
D1303	J	N				2N4220A				
DE1004	J	N				MFE3003				
DN3066A	J	N				MFE2095	2N3070			
DN3067A	J	N				MFE2094	2N3071			
DN3068A	J	N				MFE2093	2N3071			
DN3069A	J	N				2N4221A	2N3069			
DN3070A	J	N				2N4220A	2N3070			
DN3071A	J	N				2N4220A	2N3071			
DN3356A	J	N				2N4091				
DN3366A	J	N				2N4091				
DN3367A	J	N				2N4091				
DN3368A	J	N				2N4221A				
DN3369A	J	N				2N4220A				
DN3370A	J	N				MFE2093				
DN3436A	J	N				2N3436				
DN3437A	J	N				2N3437				
DN3438A	J	N				2N3438				
DN3458	J	N				2N4222A				
DN3459A	J	N				2N4220A				
DN3460A	J	N				2N4220A				
DNX1	J	N				2N3822	2N3069			
DNX1A	J	N				2N3822				
DNX2	J	N				MFE2093	MFE2094			
DNX2	J	N				2N3070				
DNX2A	J	N				MFE2093	MFE2094			
DNX3	J	N				MFE2093	2N3071			
DNX3A	J	N				MFE2093				
DNX4	J	N				2N3822				
DNX4A	J	N				2N3822				
DNX5	J	N				2N3821				
DNX5A	J	N				2N3821				
DNX6	J	N				MFE2093				
DNX6A	J	N				MFE2093				
DNX7	J	N				2N3824	TN4341			
DNX7A	J	N				2N3824				
DNX8	J	N				2N3821	TN4340			
DNX8A	J	N				2N3821				
DNX9	J	N				2N3821	TN4339			
DNX9A	J	N				2N3821				
DR100	G	P		TS1	TS14					
DR101	G	P		TS1						
DR102	G	P		TS2	TS14					
DR108	G	P		TS1						
DR109	G	P		TS1	TS14					
DR110	G	P		TS3						
DR126	G	P		TS14	OC66	2N465				
DR127	G	P		TS2	TS14					
DR128	G	P		OC65	OC66	2N465				
DR129	G	P		TS2	TS14	2N465				

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
DR130	G	P		TS1				
DR131	G	P		TS1				
DS25	G	P		AF185				
DS26	G	P		AC128	2N2431			
DS34	G	P		AF178	2N2495			
DS41	G	P		AF178	2N2495			
DS44	G	N		AC127	2N2430			
DS46	G	N						
DT80	G	P		CTP1502	2N677C	2N1031B		
DT100	G	P		CTP1500	2N677C	2N1031C		
DT1003	S	N	LU	BFY44				
DT1111	S	N	LU	ZT1479				
DT1112	S	N	LU	ZT1480				
DT1121	S	N	LU	ZT1481				
DT1122	S	N	LU	ZT1482	8DY11			
DT1511	S	N	LU	ZT1700				
DT1521	S	N	LU	ZT2270				
DT4110	S	N		8DY10				
DT4111	S	N		ZT1488				
DT4121	S	N		ZT1490				
DTS401	S	N	DD, SF, SU		FT401			
DTS402	S	N	DD, SF, SU		FT402			
DTS403	S	N	DD		FT402			
DTS409	S	N			FT402			
DTS410	S	N	DD, SF, SU, SD		FT410	RCA410		
DTS411	S	N	DD, SU, SD, SF		FT411	RCA411		
DTS413	S	N	DD, IC, SF, SD, SU		FT413	RCA413		
DTS423	S	N	DD, SF, SD, SU		FT423	RCA423		
DTS424	S	N	DD, SU		2N6251			
DTS430	S	N	DD, SF, SU		FT430			
DTS431	S	N	DD, SF, SU		FT431	RCA431		
DTS515	S	N			2N6250			
DTS516	S	N			2N6250			
DTS517	S	N			2N6250			
DTS519	S	N			FT430			
DTS1010	S	N	DD		SE9304			
DTS1020	S	N	DD		SE9304			
DTS4010	S	N			FT430			
DU4339	J	N			TD5905			
DU4340	J	N			2N5047	SU2369		
DW6208	S	N		8C107B				
DW6577	S	N		8C107A				
DW6737	S	N		8C107A				
DW7000	S	N		8C167				
DW7035	S	N		8C167B	8C113			
DW7035	S	N		8C182B	8C171B			
DW7039	S	N		8F110	BF178			
DW7039	S	N		8F156	BF117			
DW7050	S	N		8F232	BF176			
E100	J	N	IL, NS, SX		MPPF102	2N5950		
E100	J	N	IL, NS, SX		2N5183			
E101	J	N	IL, NS, SX		2N5457	2N4302		
E102	J	N	IL, NS, SX		2N5457	2N6953		
E102	J	N	IL, NS, SX		2N4302			
E103	J	N	IL, NS, SX		2N5459	2N5950		
E103	J	N	IL, SX		U1837E			
E105	J	N	IL, SX		MPPF4391	2N4445		
E106	J	N	IL, SX		MPPF4391	2N4447		
E107	J	N	IL, SX		MPPF4391	2N5434		
E108	J	N	IL, SX		MPPF4391			
E109	J	N	IL, SX		MPPF4391			
E110	J	N	IL, SX		MPPF4391			
E111	J	N	IL, SX		MPPF4391	TIS73		
E111	J	N	IL, SX		U1897E			
E112	J	N	IL, SX		MPPF4392	TIS74		
E112	J	N	IL, SX		U1898E			
E113	J	N	IL, SX		MPPF4393	TIS75		
E113	J	N	IL, SX		U1899E			
E114	J	N	IL, SX		2N5486	U2047E		
E174	J	P			MPPF970	P1086E		
E175	J	P			MPPF970	P1086E		
E176	J	P			MPPF971	P1086E		
E201	J	N			2N5457	ITE4338		
E202	J	N			2N5458	ITE4340		
E203	J	N			2N5469	U1837E		

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
E210	J	N			2N5484			
E211	L	N			2N5485			
E212	L	N			2N6486	U2047E		
E230	L	N			2N6457	ITE4868		
E231	L	N			2N5458	ITE4869		
E232	L	N			2N6459	ITE4860		
E270	L	P			MPF970	P1087E		
E271	L	P			MPF970	P1087E		
E300	J	N	IL, SX		2N5486	U1994E		
E300					2N5245			
E304	L	N			2N5486	U1994E		
E305	L	N			2N5486	2N5484		
E308	L	N			2N5486			
E309	L	N			2N5486			
E310	L	N			2N5486			
E400	L	N			2N5197			
E401	L	N			2N5198			
E402	L	N			2N5199			
E413	L	N			2N5198			
E414	L	N			2N5199			
E415	L	N			2N5046			
E420	L	N			2N5046			
E421	L	N			2N5047			
ED1401A	S	N		BC548A				
ED1401B	S	N		BC548B				
ED1401C	S	N		BC548C				
ED1402A	S	N		BC548				
ED1402B	S	N		BC548A				
ED1402C	S	N		BC548B				
ED1402D	S	N		BC548B				
ED1402E	S	N		BC548C				
ED1501A	S	N		BF495				
ED1501B	S	N		BF495				
ED1501C	S	N		BF495				
ED1502A	S	N		BF495				
ED1502B	S	N		BF495				
ED1502C	S	N		BF495				
ED1502D	S	N		BF494				
ED1502E	S	N		BF494				
ED1601A	S	P		BC558				
ED1601B	S	P		BC558A				
ED1601C	S	P		BC558B				
ED1602A	S	P		BC558				
ED1602B	S	P		BC558				
ED1602C	S	P		BC558A				
ED1602D	S	P		BC558A				
ED1602E	S	P		BC558B				
ED1701	S	N		BC338				
ED1801	S	N		BC328				
EMS113	S	N	ML		2N6384			
EMS114	S	N	ML		2N6385			
EMS169	S	P	ML		RCAB350A			
EMS160	S	P	ML		RCAB350B			
EMS213	S	N	ML		2N6387			
EMS214	S	B	ML		2N6388			
EMS217	S	N	ML		2N6387			
EMS218	S	N	ML		2N6388			
EMS269	S	P	ML		RCAB203A			
EMS260	S	P	ML		RCAB203B			
EMS261	S	P	ML		RCAB203A			
EMS262	S	P	ML		RCAB203B			
EN697	S	N	BT, F, NS		2N697			
EN706	S	N	F		2N706			
EN708	S	N	F, NS		2N708			
EN718A	S	N	F		2N718A			
EN722	S	P	F, NS		2N722			
EN744	S	N	F, NS		2N744			
EN870	S	N	F		2N870			
EN871	S	N	F		2N871			
EN914	S	N	F		2N914	FX914		
EN916	S	N	F		2N915			
EN916	S	B	F, NS		2N916			
EN918	S	N	F, NS		2N918	FX918		
EN930	S	N	F, NS		2N930			
EN956	S	N	F, NS		2N956			

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
EN1132	S	P	BT, F, NS		2N1132			
EN1613	S	N	BT, F, NS		2N1613			
EN1711	S	N	BT, F, NS		2N1711			
EN2219	S	N	BT, F, NS		2N2219			
EN2222	S	N	BT, F, NS		2N2222	FX2222		
EN2369A	S	N	F, ME, NS		2N2369A	FX2369A		
EN2484	S	N	F, ME, NS		PN2484-18	PN2484		
EN2484					FX2484			
EN2894A	S	P	F		2N2894A	FX2894A		
EN2905	S	P	BT, F, NS		2N2905			
EN2907	S	P	BT, F, NS		2N2907	FX2907		
EN3009	S	N	F		2N3009			
EN3011	S	N	F, NS		2N3011			
EN3013	S	N	F		2N3013	FX3013		
EN3014	S	N	F		2N3014	FX3014	2N5910	
EN3250	S	P	F, NS		2N3250			
EN3502	S	P	F, NS		2N3502	FX3502		
EN3504	S	P	F, NS		2N3504			
EN3903	S	N	F		2N3903	FT3903		
EN3903					FX3903			
EN3904	S	N	F		2N3904	FT3904		
EN3904					FX3904			
EN3905	S	P	F		2N3905	FT3905		
EN3905					FX3905			
EN3906	S	P	F		2N3906	FT3906		
EN3906					FX3906			
EN3962	S	P	F		PN3692-18	2N3962		
EN3962					FX3962			
EN4123	S	N	F		2N4123			
EN4124	S	N	F		2N4124			
EN4125	S	P	F		2N4125			
EN4126	S	P	F		2N4126			
FE100	J	N			MFE2095	2N3452		
FE100A	J	N			MFE2095	2N3455		
FE102	J	N			MFE2094	2N3453		
FE102A	J	N			MFE2094	2N3456		
FE104	J	N			MFE2093	2N3454		
FE104A	J	N			MFE2093	2N3457		
FE200	J	N			2N3070			
FE202	J	N			MFE2093	2N3070		
FE204	J	N			MFE2093	2N3070		
FE300	J	N			2N4220A	2N4222A		
FE300					2N3069			
FE302	J	N			2N4220A	2N4222A		
FE302					2N3070			
FE304	J	N			MFE2093	2N4220A		
FE304					2N3070			
FE400	J	N			2N3436	2N3069		
FE400A	J	N			2N3069			
FE402	J	N			2N3437	2N3070		
FE402A	J	N			2N3070			
FE404	J	N			2N3436	2N3070		
FE404A	J	N			2N3070			
FE0654A	J	N	F, IL		2N5486	2N5950		
FE0654A					U1837E			
FE0654B	J	N	F, IL		2N5485	2N5951		
FE0654B					2N4303			
FE0654C	J	N	F		2N5484	2N4302		
FE0655A	J	N			2N5638	KE4859		
FE0655B	J	N			2N6639	KE4861		
FE0655C	J	N			2N5640	KE4393		
FE3819	J	N	F, IL		2N5458	2N5953		
FE3819					U1837E			
FE4302	J	N	F		2N5953	2N4302		
FE4303	J	N	F		2N5952	2N4303		
FE4304	J	N	F		2N5951	2N4304		
FE5245	J	N	F, IL		2N5486	2N5245		
FE5246	J	N	F, IL		2N5486	2N5246		
FE5247	J	N	F, IL		2N5486	2N5247		
FE5457	J	N	F, IL		2N5963	2N5457		
FE5458	J	N	F, IL		2N5962	2N5458		
FE5459	J	N	F, IL		2N5950	2N5459		
FE5484	J	N	F, IL		2N5963	2N5484		
FE5485	J	N	F, IL		2N5962	2N5485		
FE5486	J	N	F, IL		2N5949	2N5486		

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
FI0049	M	P	F		MFE3020	MFE3021		
FI100	M	P			2N4352			
FM1100	J		NS		SU2098B			
FM1100A	J				TD5906A			
FM1101	J		NS		SU2098B			
FM1101A	J				TD5906A			
FM1102	J		NS		SU2098B			
FM1102A	J				TD5906A			
FM1103	J	N	NS		2N5198			
FM1103A	J	N			TD5908A			
FM1104	J	N	NS		2N5199			
FM1104A	J	N			TD5909A			
FM1105	J		NS		SU2098B			
FM1105A	J				TD5906A			
FM1106	J		NS		SU2098B			
FM1106A	J				TD5906A			
FM1107	J		NS		SU2098A			
FM1107A	J				TD5906A			
FM1108	J	N	NS		2N5198			
FM1108A	J	N			TD5908A			
FM1109	J	N	NS		2N5199			
FM1109A	J	N			TD5905A			
FM1110	J		NS		SU2098B			
FM1110A	J				TD5908A			
FM1111	J		NS		SU2098B			
FM1111A	J				SU2079			
FM1200	J	N	NS		2N5561			
FM1201	J	N	NS		2N5561			
FM1202	J	N	NS		2N5561			
FM1203	J		NS		SU2367A			
FM1204	J		NS		SU2369			
FM1205	J	N	NS		2N5561			
FM1206	J	N	NS		2N5561			
FM1207	J	N	NS		2N5561			
FM1208	J		NS		SU2367A			
FM1209	J		NS		SU2369			
FM1210	J		NS		SU2367			
FM1211	J		NS		SU2369			
FM3954	J	N	NS		2N3954			
FM3954A	J	N	NS		2N3954A			
FM3955	J	N	NS		2N3955			
FM3955A	J	N	NS		2N3955			
FM3956	J	N	NS		2N3956			
FM3957	J	N	NS		2N3957			
FM3958	J	N	NS		2N3958			
FP4339	J	N	SX		MATCHED	2N4220		
FP4340	J	N	SX		MATCHED	2N4220A		
FPF110	P				TIL63*			
FPF110A	P				TIL66*			
FPF110B	P				TIL66*			
FPF130	P				TIL67*			
FPF130A	P				TIL67*			
FPF130B	P				TIL67*			
FPM100	P				TIL613*			
FPO100	P				TIL613*			
FPS6507	S	N			2N5770	2N4275		
FPS6507	S				TIS86	2N4996		
FPS6511	S	N			MPS6511	TIS87		
FPS6512	S	N	F		MPS6512	TIS99		
FPS6513	S	N	F		MPS6513	TIS99		
FPS6514	S	N	F		MPS6514	TIS98		
FPS6515	S	N	F		MPS6516	TIS97		
FPS6516	S	P	F		MPS6516	2N5447		
FPS6517	S	P	F		MPS6517	2N5447		
FPS6518	S	P	F		MPS6518	2N5447		
FPS6519	S	P	F		MPS6519	2N5447		
FPS6520	S	N	F		MPS6520	TIS98		
FPS6521	S	N	F		MPS6521	TIS97		
FPS6522	S	P	F		MPS6522	2N5447		
FPS6523	S	P	F		MPS6523	2N5447		
FPS6530	S	N	F		MPS6530	TIS92		
FPS6531	S	N	F		MPS6531	TIS92		
FPS6532	S	N	F		MPS6532	TIS92		
FPS6533	S	P	F		MPS6533M	2N3644		
FPS6534M	S	P	F		MPS6534M	2N3644		

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
FPS6534M	S	P	F		TIS93			
FPS6535M	S	N	F		MPS6535M	2N3638		
FPS6536M	S	N	F		TIS93			
FPS6539	S	N	F		PE4030B	SE5032		
FPS6540	S	N	F		PE5030B	SE5030B		
FPS6543	S	N	F		PE5030B	SE5030B		
FPS6544	S	N	F		PE5030B	SE5030B		
FPS6546	S	N	F		PE5030B	SE5030B		
FPS6547	S	N	F		PE5030B	SE5030B		
FPS6548	S	N	F		PE5030B	SE5030B		
FPS6560	S	N	F					
FPS6561	S	N	F		MPS6561			
FPS6562	S	N	F		SE6562			
FPS6563	S	N	F		SE6563			
FPS6565	S	N	F		FPS6566			
FPS6566	S	N	F					
FPS6567	S	N	F		PE5030B	SE5030B		
FPS6568	S	N	F		SE6052			
FPS6569	S	N	F		FPS6570			
FPS6570	S	N	F		FPS6569			
FPS6571	S	N	F		2N5133			
FPSA12	SD	N	F		MPSA12			
FPSA13	SD	N	F		MPSA13			
FPSA14	SD	N	F		MPSA14			
FPSA65	S	P	F		MPSA65			
FPSA66	S	P	F		MPSA66			
FPT100	P				TIL63*			
FPT100A	P				TIL67*			
FPT100B	P				TIL67*			
FPT120	P				TIL78*			
FPT120A	P				TIL67*			
FPT120B	P				TIL67*			
FT57	M	N	F		MFE3004	MFE3006		
FT107A	S	N	F	(BC413C)	SE4022	FX107A		
FT107B	S	N	F	BC414C	SE4021	FX107B		
FT107C	S	N	F	(BC414C)	SE4020	FX107C		
FT0650	J	N	F, IL		2N4416			
FT0654A	J	N	F, IL		2N3824			
FT654A	J	N	F, IL		2N4382			
FT0654B	J	N	F, IL		2N3824			
FT654B	J	N	F, IL		2N4092			
FT0654C	J	N	F, IL		2N4221			
FT854C	J	N	F, IL		2N4393			
FT0654D	J	N	F, IL		2N4221			
FT654D	J	N	F, IL		2N3972			
FT0654E	J	N	F, IL		2N4220			
FT854E	J	N	F, IL		TN4340			
FT0655A	J	N	F, IL		2N4091			
FT655A	J	N	F, IL		2N4856A			
FT0655B	J	N	F, IL		2N4092			
FT855B	J	N	F, IL		2N4858A			
FT0655C	J	N	F, IL		2N4093			
FT655C	J	N	F, IL		2N3972			
FT701	M	P	F, IL		MFE3021			
FT703	M	P	F, IL		MFE3003	3N160		
FT704	M	P	F, IL		2N4352	3N174		
FT709	S	N	F	(BSY17)	2N709			
FT1746	S	N	F	(BCY78VII)				
FT2974	S	N	F		2N2974			
FT2975	S	N	F		2N2975			
FT2978	S	N	F		2N2978			
FT2979	S	N	F		2N2979			
FT3567	S	N	F	BSX45-6				
FT3568	S	N	F	BSX46-6				
FT3569	S	N	F	BSX45-16				
FT3641	S	N	F	(BSY34)				
FT3642	S	N	F	(BSY34)				
FT3643	S	N	F	(BSY34)				
FT3820	J	P	F		AST6460	P1069E		
FT3820	J	P	F		2N4360			
FT3903	S	N	F		FX3903	2N3946		
FT3904	S	N	F		DN3904	2N3947		
FT3904	S	N	F		FX3904			
FT3905	S	N	F		2N3260	FX3906		
FT3906	S	N	F		DN3906	2N3251		
							2N3946	

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
FT3906					FX3906			
FT3909	L	P	F		2N2608	2N3909		
FT3909	S	P	F		2N4360			
FT4017	S	P	F		2N4017			
FT4018	S	P	F		2N4018			
FT4019	S	P	F		2N4019			
FT4020	S	P	F		2N4020			
FT4021	S	P	F		2N4021			
FT4022	S	P	F		2N4022			
FT4023	S	P	F		2N4023			
FT4024	S	P	F		2N4024			
FT4025	S	P	F		2N4025			
FT5040	S	P	F	BSV15-10				
FT5041	S	P	F	BSV15-10				
FX107A	S	P	F		FT107A			
FX107B	S	N			FT107B			
FX107C	S	N			FT107C			
FX709	S	N			FT709			
FX914	S	N			EN914	2N914		
FX918	S	N			EN918	2N918		
FX2368	S	N			2N2368	FX2369A		
FX2368	S	N			2N2369A			
FX2369A	S	N			EN2369A	2N2369A		
FX2369A	S	N			2N2369			
FX2483	S	N			2N2483	FX2484		
FX2483	S	N			2N2484			
FX2484	S	N			EN2484	2N2484		
FX2894	S	P			2N2894			
FX2894A	S	P			2N2894A	EN2894A		
FX2907	S	P			EN2907			
FX3013	S	N			EN3013	2N3013		
FX3013	S	N			EN3014	2N3014		
FX3014	S	N			EN3014	2N3014		
FX3299	S	N			2N3299	2N3300		
FX3299	S	N			FX3300			
FX3300	S	N			2N3300	2N3302		
FX3502	S	P			EN3502	2N3502		
FX3503	S	P			2N3503	2N3645		
FX3724	S	N			2N3724	2N4013		
FX3725	S	N			2N3725	2N4047		
FX3903	S	N			2N3903	EN3903		
FX3903	S	N			FT3903			
FX3904	S	N			2N3904	EN3904		
FX3904	S	P			FT3904			
FX3905	S	P			2N3905	EN3905		
FX3905	S	P			FT3905			
FX3906	S	P			2N3906	EN3906		
FX3906	S	P			FT3906			
FX3962	S	P			EN3962	2N3962		
FX3963	S	P			2N3963			
FX3964	S	P			2N3964			
FX3965	S	P			2N3965			
FX4034	S	P			2N4034	2N4121		
FX4046	S	N			2N4046	2N4047		
FX4046	S	N			FX4047			
FX4047	S	N			2N4047	2N4014		
FX4047	S	P			2N3724	FX3724		
FX4207	S	P			2N4207			
FX4960	S	N			2N4960	2N4961		
FX4960	S	N			2N4962	2N4963		
GA004	G	P		ASY27				
GA52829	G	P		AC126	2N2429			
GE28	S	N			2N6122			
GE28	S	N			2N6122			
GE29	S	P			2N6125			
GEMR	S	N			2N6121			
GET3	G	P	GE	AC125	2N185	2N2429		
GET3	G	P	GE	V10/50A				
GET4	G	P	GE	AC125	AC126	2N185	2N2429	
GET4	G	P	GE	NKT228				
GET5	G	P	GE	AC125	NKT304			
GET5	G	P	GE	V30/201P				
GET6	G	P	GE	NKT226	TS3	2N185		
GET6	G	P	GE	V10/50A				
GET7	G	P	GE	V16/30NP				

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN	JAPANESE	COMPL	USE
GET8	G	P	GE	V30/30NP					
GET9	G	P	GE	NKT401					
GET15	G	P	GE	V15/201P					
GET16	G	P	GE	V30/201P					
GET20	G	P	GE	V30/201P					
GET102	G	P	GE	AC126	AC132	2N2429			
GET102				AC156					
GET103	G	P	GE	AC126	AC132	2N2429			
GET103				ASY58					
GET104	G	P	GE	AC126	ASY59	2G303	2N2429		
GET105	G	P	GE	NKT304	V60/201P				
GET106	G	P	GE	AC126	AC128	2N2429			
GET106				AC132					
GET110	G	P	GE	ASY80	V60/201P				
GET110				NKT303					
GET111	G	P	GE	ACY30	NKT227	2G377			
GET113	G	P	GE	ACY30	AC128	2G301			
GET114	G	P	GE	AC128	ACY30	2G301			
GET115	G	P	GE	NKT304	NKT351		2N2431		
GET115				V15/201P					
GET116	G	P	GE	NKT304	V30/201P				
GET120	G	P	GE	NKT303	V30/201P				
GET535	G	P	GE	NKT228					
GET536	G	P	GE	NKT228					
GET538	G	P	GE	NKT227					
GET571	G	P	GE	NKT404	V15/30NP	2N456			
GET572	G	P	GE	NKT404	OC35	2N456			
GET572				XC141					
GET573	G	P	GE	NK7403	V60/30NP	2N457			
GET574	G	P	GE	NKT403					
GET581	G	P	GE	NKT401					
GET582	G	P	GE	NKT403					
GET583	G	P	GE	NKT404					
GET584	G	P	GE	NKT402					
GET570	G	P	GE	AC170					
GET871	G	P	GE	OC41	XA151	2G301			
GET872	G	P	GE	OC42	XA152	2G302			
GET873	G	P	GE	AF127	AF185	OC45			
GET874	G	P	GE	AF126	AF185				
GET874				OC44					
GET875	G	P	GE	ASY27	OC43	2G306			
GET880	G	P	MU, GE	ASY26	ASY27				
GET883	G	P	GE	AF127	AF185				
GET884	G	P	GE	AF126					
GET885	G	P	MU, GE			2N1309			
GET889	G	P	MU, GE	ASY27					
GET891	G	P	MU, GE			2G303			
GET892	G	P	MU, GE			2G304			
GET896	G	P	MU, GE	ASY27					
GET897	G	P	MU, GE	NKT142					
GET898	G	P	MU, GE	NKT141					
GFT20	G	P	TK	AC125	AC151	2N2429	2N63	25B220	
GFT20				AC162	AC151V	2N1190	2N238	25B459	
GFT20				AC122	AC128				
GFT20R	G	P	TK, NU	AC150	AC162	2N44		25B32	
GFT20R				AC151V					
GFT20/15	G	P	TK, IN	AC151V					
GFT20/30	G	P	TK	AC151V					
GFT20/60	G	P	TK	ASY48V					
GFT21	G	P	TK	AC126	AC151	2N66	2N2429	25B219	
GFT21				AC162	AC161V				
GFT21				AC122ye	AC125				
GFT21R	G	P	TK	AC151V					
GFT21/15	G	P	TK	AC151V	AC125				
GFT21/15				OC604					
GFT21/30	G	P	TK	AC151V					
GFT21/60	G	P	TK	ASY48V					
GFT22	G	P	TK	AC151VII					
GFT22R	G	P	TK	AC151VII					
GFT22/15	G	P	TK	AC151VII					
GFT22/30	G	P	TK	AC151VII					
GFT22/60	G	P	TK	ASY48V					
GFT25	G	P	TK	AC122	AC125	2N36	2N2429	25B101	
GFT25				AC163	AC161V	2N1190	2N238	25B459	
GFT25				AC122	AC126				

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
GFT26R	G	P	TK	AC151IV				
GFT25/15	G	P		AC125	AC151			
GFT25/15	G	P		AC171	AC151IV			
GFT25/30	G	P	TK	AC125	AC151			
GFT25/30	G	P		AC171	AC151IV			
GFT25/60	G	P	TK	ASY48IV				
GFT26	G	P	NU, TK	(AD130III)	AD149			
GFT26	G	P		OC26				
GFT30	G	P	TK	(AD130IV)				
GFT31	G	P	TK	AC121IV	AC126	2N44		2S8220
GFT31	G	P		AC131	AC152			
GFT31/15	G	P	TK	AC121IV	AC128			
GFT31/30	G	P	TK	AC152IV				
GFT31/60	G	P	TK	ASY48IV	ACY24	2N24A		2S889
GFT31/60	G	P		ACZ10	ASY48			
GFT32	G	P	TK, IN	AC121IV	AC128	2N59	2N2429	2S8222
GFT32	G	P		AC132	AC153	2N4106		
GFT32	G	P		AC152IV	AC124R			
GFT32/15	G	P	TK	AC121IV	AC124			
GFT32/15	G	P		AC128	AC152IV			
GFT32/30	G	P	TK	AC124	AC128			
GFT32/30	G	P		AC152IV				
GFT32/60	G	P	TK	ASY48IV				
GFT33	G	P	TK	AC152V	AC124R	2N610		2S832
GFT33	G	P		AC128				
GFT33/15	G	P	TK	AC152V				
GFT33/30	G	P	TK	AC152V				
GFT33/60	G	P	TK	ASY48V				
GFT34	G	P	TK	AC121V	AC160			
GFT34	G	P		AC124	AC128			
GFT34/15	G	P	TK	AC121V	AC128	2N138		2SA219
GFT34/15	G	P		AC152	AC153			
GFT34/30	G	P	TK	AC152V				
GFT34/60	G	P	TK	ASY48V				
GFT41	G	P	TK	AF106	AF178	2N2495		2SA230
GFT41	G	P		AF190				
GFT42	G	P	TK	(AF125)				
GFT42A	G	P	TK	(AF126)	AF132	2N2495	2N384	2SA116
GFT42A	G	P		AF178	SFT358			
GFT42B	G	P	TK	(AF127)	AF134	2N384		2SA116
GFT42B	G	P		AF135	AF185			
GFT43	G	P	TK	(AF125)				
GFT43A	G	P	TK	(AF126)	AF136	2N310		2SA154
GFT43A	G	P		AF137	AF185			
GFT43B	G	P	TK	(AF127)	AF136	2N370		
GFT43B	G	P		AF137	AF185			
GFT43D	G	P	TK	AF126				
GFT43/15	G	P	TK	AC124	AC128			
GFT43/15	G	P		AC152V				
GFT44	G	P	TK	(AC121V)	AF132			
GFT44	G	P		AF137				
GFT44/15	G	P		AF128	AF127	2N137		HJ230
GFT44/15	G	P		AF185				
GFT44/15E	G	P	TK	(AC121V)				
GFT44/30	G	P	TK	(AC151V)				
GFT45	G	P	TK	(AC121IV)	AF132	2N136		2SA206
GFT45	G	P		AF137	AF185			
GFT45/30	G	P	TK	(AC151IV)				
GFT2006	G	P	TK, IN	AD130III	OC16	T1156	2N456	2S8471
GFT2006	G	P		AD149				
GFT2006/30	G	P	TK	AD130III	AD149	2N68	2N2836	2S8240
GFT2006/30	G	P		OC30				
GFT2006/60	G	P	TK	AD131III				
GFT2006/90	G	P	TK	AD163III				
GFT3008	G	P	TK	AD130IV				
GFT3008/20	G	P	TK	AD130IV	AD130III	2N2836		2S886
GFT3008/20	G	P		AD149	OC30			
GFT3008/40	G	P	TK	AD131IV	AD139	2N2836	T13029	2S886
GFT3008/40	G	P		AD149	AD131III			2S8471
GFT3008/40	G	P		AD138/60				
GFT3008/60	G	P	TK	AD131IV	AD131			2S886
GFT3008/60	G	P		AD139	AD148			
GFT3008/60	G	P		AD131III				
GFT3008/80	G	P	TK	AD132IV	AD132III			2S886
GFT3008/80	G	P		CTP1111				

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
GFT3108	G	P	TK	AD130III				
GFT3108/20	G	P	TK	AD132III				
GFT3108/40	G	P	TK	AD130III	AD149	2N2065		2S8478
GFT3108/40				AD132III	ASZ15			
GFT3108/60	G	P	TK	AD131III	AD139			
GFT3108/80	G	P	TK	AD132III	AD132II			
GFT3408				AD130V				
GFT3408/20	G	P	TK	AD130V	AD149	2N2836		
GFT3408/20				OC26	AD130IV			
GFT3408/40	G	P	TK	AD131V	AD149	2N2836	2N1295	2S883
GFT3408/40				OC26	AD131VI	T13029	2N2065	
GFT3408/40				AD138/50				
GFT3408/60	G	P	TK	AD131V	AD105	2N268		
GFT3408/60				AD131IV	ASZ18			
GFT3408/80	G	P	TK	AD132V	AD132IV			
GFT3708	G	P	TK	AD131V				
GFT3708/20	G	P	TK	AD130V				
GFT3708/40	G	P		AD131V	ASZ16	T13029	2N2066	
GFT3708/40				AD138/50				
GFT3708/60	G	P	TK	AD131V	AD131V			
GFT3708/80	G	P	TK	AD132V	AD132IV			
GFT4012	G	P	TK	AD131IV	OC26			
GFT4012/15	G	P	TK	AD131	AD149	2N1295		2S883
GFT4012/15				OC26				
GFT4012/30	G	P	TK	AD130IV	AD130III	2N1295	2N2836	2S883
GFT4012/30				AD149	OC26	T13029	2N2063	
GFT4012/60	G	P	TK	AD131IV	AD131III	2N268		
GFT4012/60				OC50V	SFT240			
GFT4012/60				AD131V				
GFT4112/30	G	P	TK	AD131III				
GFT4112/60	G	P	TK	AD131III				
GFT4308	G	P	TK	AD131IV				
GFT4308/40	G	P	TK	AD131IV	AD130IV	T13029	2N257	
GFT4308/40				AD149IV	AD149			
GFT4308/60	G	P	TK	AD132IV				
GFT4308/80	G	P	TK	AD163IV	AD132IV			
GFT4412	G	P	TK	AD131V				
GFT4412/30	G	P	TK	AD130V	AD130IV	T13029	2N257	
GFT4412/30				AD149IV	AD149			
GFT4412/60	G	P	TK	AD131V	AD131IV			
GFT4608	G	P	TK	AD131V				
GFT4608/40	G	P	TK	AD131V				
GFT4608/60	G	P	TK	AD132V	AD138/50	T13029	2N2066	
GFT4608/60				AD131V				
GFT4608/80	G	P	TK	AD163IV				
GFT4712	G	P	TK	AD130V				
GFT4712/30	G	P	TK	AD130V				
GFT4712/60	G	P	TK	AD131V	AD138/50	T13029	2N2066	
GFT8024	G	P	TK	(AUY21III)	AD149	2N2836		
GFT8024				CTP1514	OC26			
GM0290	G	P		AF139		2N5043	MM139	M9031
GM029A	G	P		AF139		2N5043	MM139	M9031
GM0760	G	P		AF109	AF106			2SA432
GM0760				AF180	AF190			
GM0761	G	P		AF106	AF190			2SA230
GS100	P		GX			T1L806		
GS300	P		GX			T1L58		
GS400	P		GX			LS400		
GS420	P		GX			LS400		
GS600	P		GX			T1L81*		
GS810	P		GX			T1L81*		
GT3	G	P		AC125	AC126	2N2429		
GT4A	G	P		AC128	AC132	2N2431		
GT11	G	P		AF127	AF185			
GT11				OC45				
GT12	G	P		AF127	AF185			
GT12				OC45				
GT13	G	P		AF128	AF185			
GT13				OC44				
GT14	G	P		AC128	ASY77	2N2431		
GT14				OC72				
GT14H	G	P		OC58	OC66			
GT20	G	P		AC128	AC132	2N2431		
GT20				OC72				
GT20H	G	P		OC58	OC66			

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
GT31	G	P		AC125	AC126	2N2429		
GT32	G	P		AC128	AC132	2N2431		
GT33	G	P		AC128	AC132	2N2431		
GT34	G	P	GI	AC125	AC126	2N2429		
GT34H	G	P		ASY77	OC77			
GT34S	G	P		AC125				
GT38	G	P		AC125	AC126	2N2429		
GT38	G	P		OC71				
GT41	G	P		AF185	ASY27			
GT42	G	P		AF185	ASY27			
GT43	G	P		AF185	ASY27			
GT45	G	P		ASY26	ASY27			
GT70	G	P		ASY26				
GT74	G	P	GI	AC126		2N2429		
GT81	G	P	GI	AC126	AC128	2N2429	2N2431	
GT81				OC72				
GT81H	G	P		AC126	OC58	2N2429		
GT81H				OC66				
GT81HS	G	P		AC126		2N2429		
GT81R	G	P		AC128	AC132	2N2431		
GT83	G	P		AC125	AC126	2N2429		
GT87	G	P		AC125	AC126	2N2429		
GT88	G	P		ASY26				
GT109	G	P		AC128	OC72	2N2431		
GT109R	G	P		AC128	AC132	2N2431		
GT122	G	P	GI	AC126	OC76	2N2429		
GT161	G	P		AF126	AF185			
GT222	G	P	GI	AC125	AC126	2N2429		
GT222				OC71				
GT310	G	P		AC128		2N2431		
GT759	G	P		AF127	OC45			
GT760	G	P		AF127	AF185			
GT760				OC45				
GT760R	G	P		AF127	AF185			
GT760R				OC45				
GT761	G	P		AF126	AF127			
GT761				AF185				
GT761R	G	P		AF126	AF185			
GT761R				OC44				
GT762	G	P		AF185	OC44			
GT949	G	N	GI					
H2	G	P		AD149		2N2836		
H3	G	P		AD149		2N2836		
H4	G	P		AD149		2N2836		
H8DEF	G	P		AF185				
HA1	G	P		AC126	OC66	2N2429		
HA1				OC71				
HA2	G	P		AC126	OC66	2N2429		
HA2				OC71				
HA3	G	P		AC126	OC66	2N2429		
HA3				OC71				
HA8	G	P		OC66	OC58			
HA8				OC59	OC60			
HA9	G	P		OC58	OC59			
HA9				OC60	OC66			
HA10	G	P		OC58	OC59			
HA10				OC60	OC66			
HA2000	M	P				3N166A		
HA2001	M	P				3N165		
HA2010	M	P				3N156A		
HC1	G	P		AC126		2N2429		
HD197	G	P		AC128		2N2431		
HEP801	J	N	MO			2N4221		
HEP802	J	N	MO			2N3819	U1837E	
HEP803	J	P	MO			2N3330		
HEPF0021	J	N	MO			2N3819	U1837E	
HEPF1035	J	P	MO			2N3330		
HEPF2004	J	N	MO			2N5397		
HEPF2005	J	N	MO			2N3822		
HF1	G	P		AF185				
HF2	G	P		AF185				
HJ15	G	P		AC126	AC117	2N382	2N2429	
HJ15				AC153				
HJ17	G	P		AC128		2N2431		
HJ17D	G	P		AC124	AC128	2N632	2N2431	

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
HJ17D	G	P		AC163				
HJ22	G	P		AF185				
HJ22D	G	P		AF131	AF137	2N482	2N483	
HJ22D	G	P		AF185				
HJ23	G	P		AF126	AF136	2N140	2N412	
HJ23				AF185				
HJ23D	G	P		AF126	AF127	2N411	2N485	
HJ23D				AF185				
HJ32	G	P		AF131	AF135	2N370		
HJ32				AF136				
HJ34	G	P		AC128	2N2431			
HJ34A	G	P		AC128		2N2431		
HJ35	G	P		AS216				
HJ37	G	P		AF126	AF132	2N371		
HJ37				AF137				
HJ50	G	P		AC122	AC126	2N215	2N2429	
HJ50				AC163				
HJ51	G	P		AC128	AC153	2N408	2N2431	
HJ51				AC180				
HJ54	G	P				2N139		
HJ55	G	P		AF132	AF136	2N219		
HJ55				AF185				
HJ56	G	P		AF133	AF137	2N410		
HJ56				AF185				
HJ57	G	P		AF132	AF136	2N412		
HJ57				AF185				
HJ60	G	P		AF132	AF136	2N139		
HJ60				AF185				
HJ61	G	P		AF127	AF133	2N219		
HJ61				AF137				
HJ62	G	P		AC125	AF185			
HJ70	G	P		AF132	AF135			
HJ70				AF185				
HJ71	G	P		AF132	AF137	2N140	2N371	
HJ71				AF185				
HJ72	G	P		AF132	AF137	2N140	2N372	
HJ72				AF185				
HJ73	G	P		AF132	AF137	2N373		
HJ73				AF185				
HJ74	G	P		AF132	AF136	2N374		
HJ74				AF137				
HJ75	G	P		AF132	AF137	2N544		
HJ75				AF185				
HLS400	P					2S400		
HRN1020	M	P				MFE3003		
HRN1030	M	P				MFE3003		
HRN8318D	M	P				MFE3003		
HRN8338D	M	P				3N155		
HRN8346D	M	P				MFE3003		
HRN8350	M	P				MFE3003		
HRN8353	M	P				MFE3003		
HRN8360	M	P				2N4352		
HRN8363	M	P				3N155		
HS3	G	P		ASY27	OC47			
HS4	G	P		ASY27	OC47			
HS15	G	P				2N109		
HS17D	G	P				2N109		
HS22D	G	P				2N139		
HS23D	G	P				2N140		
HT700	P					TIL78*		
IF1	G	P		AF185				
IF2	G	P		AF185				
IF3	G	P		AF185				
IMF3954	J	N	IL			2N5545	2N5197	
IMF3954A	J	N	IL			2N5196		
IMF3955	J	N	IL			2N5547	2N5198	
IMF3955A	J	N	IL			2N5546	2N5198	
IMF3956	J	N	IL			2N5547	2N5199	
IMF3957	J	N	IL			2N5547	2N5199	
IMF3958	J	N	IL			2N5045	2N5199	
IT108	J	N	IL			2N5486	2N5245	
IT108						U1994E		
IT109	J	N	IL			2N5486	2N5397	
IT1700	M	P	IL			MFE3003	3N163	
IT1701	M	P	IL			MFE3003	3N163	

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
IT1702	M	P	IL			MFE3003	3N163			
IT1750	M	P	IL			3N155				
IT2700			IL			3N170				
IT2701			IL			3N170				
ITE3066	J	N	IL			2N5639	2N5953			
ITE3066						2N4302				
ITE3067	J	N	IL			2N5639	2N3460			
ITE3067						2N4302				
ITE3068	J	N	IL			2N5639	ITE4118			
ITE4117	J	N	IL			2N5640	TN4117			
ITE4118	J	N	IL			2N5640	TN4118			
ITE4119	J	N	IL			2N5640	TN4119			
ITE4338	J	N	IL			2N5486	2N3460			
ITE4338						E101				
ITE4339	J	N	IL			2N5486	2N3460			
ITE4339						2N4302				
ITE4340	J	N	IL			2N5486	2N5953			
ITE4340						2N4302				
ITE4341	J	N	IL			2N5486	2N5953			
ITE4341						2N4303				
ITE4342	J	N				2N5486				
ITE4391	J	N	IL			MPP4391	TIS73			
ITE4391						U1897E				
ITE4392	J	N	IL			MPP4392	TIS74			
ITE4392						U1898E				
ITE4393	J	N	IL			MPP4393	TIS75			
ITE4393						U1899E				
ITE4416	J	N	IL			2N5486	2N5246			
ITE4416						U1994E				
ITE4867	J	N	IL			2N5457	2N3460			
ITE4867						2N4867				
ITE4868	J	N	IL			2N5458	2N3459			
ITE4868						2N4868				
ITE4869	J	N	IL			2N5459	2N5953			
ITE4869						2N4869				
IW8377	S	N		BFX62	BF155					
IW8377				BF180						
J1	G	P		OC72						
J2	G	P		OC72						
J3	G	P		OC72						
J309	J	N				2N5486				
J310	J	N				2N5486				
JP1	G	P		AC128	OC72	2N2431				
K1001	M	N				MFE3004	MFE3005			
K1003	M	N				MFE3004	MFE3005			
K1004	J	N				MFE3001				
K1201	M	N				MFE3005				
K1202	M	N				MFE3004				
K1501	M	P				3N157A				
K1502	M	P				3N157A				
K1504	M	P				2N4352				
KE510	J	N				2N5640				
KE611	J	N				2N5640				
KE3684	J	N	IL			2N5457	2N5953			
KE3684						2N4303				
KE3685	J	N	IL			2N5458	AST3821			
KE3685						2N4302				
KE3686	J	N				E101				
KE3687	J	N	IL			2N5457	E101			
KE3823	J	N				2N5668	AST3823			
KE3823						U1837E				
KE3970	J	N	IL			2N5638	TIS73			
KE3970						U1897E				
KE3971	J	N	IL			2N5639	TIS74			
KE3971						U1898E				
KE3972	J	N	IL			2N5640	TIS75			
KE3972						U1899E				
KE4091	J	N	IL			2N5638	TIS73			
KE4091						U1897E				
KE4092	J	N	IL			2N5639	TIS74			
KE4092						U1899E				
KE4093	J	N	IL			2N5640	TIS75			
KE4093						U1899E				
KE4220	J	N	IL			2N5457	AST3821			
KE4220						2N4302				

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
KE4221	J	N	IL		2N5458	AST3822		
KE4221	J	N	IL		2N4303			
KE4222	J	N	IL		2N5459	AST3822		
KE4222	J	N	IL		U1837E			
KE4223	J	N	IL		MPF102	2N5950		
KE4223	J	N	IL		U1837E			
KE4224	J	N	IL		MPF102	2N5949		
KE4224	J	N	IL		2N5163			
KE4391	J	N	IL		MPF4391	TIS73		
KE4391	J	N	IL		U1897E			
KE4392	J	N	IL		MPF4392	TIS74		
KE4392	J	N	IL		U1898E			
KE4393	J	N	IL		MPF4393	TIS75		
KE4393	J	N	IL		U1899E			
KE4416	J	N	IL		2N5486	2N5245		
KE4416	J	N	IL		U1994E			
KE4856	J	N	IL		MPF4391	TIS73		
KE4856	J	N	IL		U1897E			
KE4857	J	N	IL		MPF4392	TIS74		
KE4857	J	N	IL		U1898E			
KE4858	J	N	IL		MPF4393	TIS75		
KE4858	J	N	IL		U1899E			
KE4859	J	N	IL		MPF4391	2N4859		
KE4859	J	N	IL		TIS73	U1897E		
KE4860	J	N	IL		MPF4392	2N4860		
KE4860	J	N	IL		TIS74	U1898E		
KE4861	J	N	IL		MPF4393	2N4861		
KE5103	J	N	IL		TIS74	U1899E		
KE5103	J	N	IL		2N5668	2N3823		
KE5103	J	N	IL		2N5952	2N4302		
KE5104	J	N	IL		2N5669	2N3823		
KE5104	J	N	IL		2N5953	2N4303		
KE5105	J	N	IL		2N5670	2N3823		
KE5105	J	N	IL		2N5245	U1994E		
L148	P				LS869			
LA-600	P				TIL601*			
LA-700	P				TIL63*			
LDF603	J	N	AM		2N4221A			
LDF604	J	N	AM		2N4221A			
LDF605	J	N	AM		2N4222A			
LDF691	J	N	AM		2N4391			
LDF692	J	N	AM		2N4392			
LDF693	J	N	AM		2N4393			
LM390	S	P		BC328				
LM399	S	N		BC338				
LM596	S	N		BC548C				
M10H	G	P		AF178	2N2495			
M10L	G	N		AC176	2N2495			
M12H	G	P		AF178				
M100	M	N	SX		2N3798			
M101	M	N	SX					
M103	M	P	IL, SX		MFE3003	3N161		
M104	M	P	IL, SX		3N158	3N174		
M106	M	P	IL, SX		2N4067			
M107	M	P	IL, SX		2N4067			
M108	M	P	IL, SX		2N4067			
M113	M	P	IL, SX		3N155			
M114	M	P	IL, SX		2N4352	3N160		
M116	M	P	SX		3N161			
M117	M	P	IL, SX		3N160			
M119	M	P	SX		MFE3003	3N161		
M163	M	P	SX		3N163			
M184	M	P	SX		3N164			
M200	S	N		BC548				
M200E	S	N		BC548B				
M290	G	P		AC128				
M299	S	N		BC338				
M511	M	P	IL, SX		MFE3003	3N161		
M511A	M	P	IL, SX		MFE3003	3N161		
M517	M	P	SX		3N161			
M3016	G	P		AC128				
MA100	G	P	MO		MAB81			
MA112	G	P	MO		MA113			
MA113	G	P	MO		MA114			
MA114	G	P	MO		MAB83			

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
MA115	G	P	MO		MA113			
MA116	G	P	MO		MA114			
MA117	G	P	MO		MA116			
MA200	G	P	MO		MA202			
MA201	G	P	MO		MA201			
MA202	G	P	MO		MA200			
MA203	G	P	MO		MA203			
MA204	G	P	MO		MA201	MA203		
MA205	G	P	MO		MA204			
MA206	G	P	MO		MA205			
MA286	G	P	MO		MA287			
MA287	G	P	MO		MA117			
MA288	G	P	MO		MA887			
MA881	G	P	MO		MA882			
MA882	G	P	MO		MA883			
MA883	G	P	MO		MA884			
MA884	G	P	MO		MA889			
MA885	G	P	MO		MA881	MA886		
MA886	G	P	MO		MA887			
MA887	G	P	MO		MA888			
MA888	G	P	MO		MA889			
MA889	G	P	MO		MA884			
MA909	G	P	MO		MA910			
MA910	G	P	MO		MA910			
MA1703	G	P	MO					
MA1703	G	P	MO		MA1704			
MA1704	G	P	MO		MA1705			
MA1705	G	P	MO					
MA1706	G	P	MO		MA1707			
MA1707	G	P	MO		MA1708			
MA1708	G	P	MO					
MC101	G	P						
ME0411	S	P	ME	AF185				
ME0412	S	P	ME	BC307VI				
MEM511	M	P	GI, IL	BC307A	MFE3003	SFB3082		
MEM511A	M	P			MFE3003			
MEM511C	M	P	GI, IL		3N161			
MEM517A	M	P	GI		MFE3003			
MEM520	M	P	GI, IL		2N5352	3N174		
MEM520C	M	P	GI, IL		2N5352	3N174		
MEM550	M	P	GI, IL		SFC5418			
MEM550C	M	P	GI, IL		SFC5418			
MEM551	M	P	GI, IL		SFC5417			
MEM551C	M	P	GI, IL		SFC5417			
MEM554	M	N	GI		MFE3006	3N201		
MEM554C	M	N	GI		MFE3006	3N201		
MEM556	M	P	GI		3N158A	3N174		
MEM556C	M	P	GI		3N158A	3N174		
MEM557	M	N	GI		3N128			
MEM557C	M	N	GI		3N128			
MEM560	M	P	GI		3N158A	3N161		
MEM560C	M	P	GI		3N158A	3N161		
MEM561C	M	P			3N158A			
MEM562	M	N	GI		2N4351			
MEM562C	M	N	GI		2N4351			
MEM563	M	N	GI		2N4351			
MEM563C	M	N			2N4351			
MEM564C	M	N	GI		3N140			
MEM571C	M	N	GI		3N128			
MEM576	M	P	GI		3N158A			
MEM614	M	N	GI		3N140	3N203		
MEM615A	M	N			3N140			
MEM616	M	N			3N140			
MEM617	M	N			3N140			
MEM618	M	N			3N140			
MEM655	M	N	GI		3N128			
MEM658A	M	N			3N128			
MEM680	M	N	GI		3N128	SFC3260		
MEM780	M	P			MFE5000			
MEM803	M	P	GI		3N158A			
MEM804	M	P	GI		3N158A			
MEM806	M	P	GI		3N158A			
MEM806A	M	P			3N158A			
MEM807	M	P	GI		3N158A			
MEM807A	M	P			3N158A			

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
MEM809	M	P			3N158A			
MEM819	M	P			3N158A			
MEM857	M	P			MFE5000			
MFE120	M	N	MO					
MFE121	M	N	MO					
MFE122	M	N	MO					
MFE2000	J	N	MO		SFB182	2N3823		
MFE2001	J	N	MO		SFB6183	2N3823		
MFE2002	J	N	MO		SFB6184			
MFE2004	J	N	MO, IL		2N4860	2N4093		
MFE2005	J	N	MO, IL		2N4859	2N4092		
MFE2006	J	N	MO, IL		2N4859	2N4091		
MFE2007	J	N	MO, IL		2N4860	2N3970		
MFE2008	J	N	MO, IL		2N4859	2N3970		
MFE2009	J	N	MO, IL		2N4859	2N4878		
MFE2010	J	N	MO, IL		2N4859			
MFE2011	J	N	MO, IL		SFC1785	2N4977		
MFE2012	J	N	MO, IL		SFC1785	2N4446		
MFE2093	J	N	MO, IL		2N5358			
MFE2094	J	N	MO, IL		2N5359			
MFE2095	J	N	MO, IL		2N5360			
MFE2097	J	N	MO		2N4093	2N4092		
MFE2098	J	N	MO		2N4091			
MFE2133	J	N	MO		2N4860	2N4092		
MFE3003	M	P	MO, IL		SFC4047			
MFE3006	M	N	MO					
MFE3007	M	N	MO					
MFE3008	M	N	MO					
MFE4007	J	P	MO, IL					
MFE4008	J	P	MO, IL		2N2608			
MFE4009	J	P	MO, IL		2N2608			
MFE4010	J	P	MO		2N2498			
MFE4011	J	P	MO		2N2498			
MFE4012	J	P	MO		2N3331			
MFT122	G	P		AC128	2N3331			
MFT123	G	P		AC128	2N2431			
MHT5501	S	N	HW		2N2431			
MHT5502	S	N	HW		2N4300			
MHT5503	S	N	HW		2N4300			
MHT5504	S	N	HW		2N4300			
MHT5505	S	N	HW		2N4300			
MHT5506	S	N	HW		2N4300			
MHT5507	S	N	HW		2N4300			
MHT5508	S	N	HW		2N4300			
MHT6408	S	N	HW		2N3996			
MHT6409	S	N	HW		2N3996			
MHT6410	S	N	HW		2N3996			
MHT6411	S	N	HW		2N3996			
MHT6412	S	N	HW		2N3996			
MHT6413	S	N	HW		2N3996			
MHT6414	S	N	HW		2N3996			
MHT6415	S	N	HW		2N3996			
MHT6416	S	N	HW		2N3996			
MHT7011	S	N	HW		2N4301			
MHT7012	S	N	HW		2N4301			
MHT7013	S	N	HW		2N4301			
MHT7014	S	N	HW		2N4301			
MHT7015	S	N	HW		2N4301			
MHT7016	S	N	HW		2N4301			
MHT7017	S	N	HW		2N4301			
MHT7018	S	N	HW		2N4301			
MHT7019	S	N	HW		2N4301			
MHT7401	S	N	HW		2N3421			
MHT7402	S	N	HW		2N3421			
MHT7403	S	N	HW		2N3421			
MHT7404	S	N	HW		2N3421			
MHT7405	S	N	HW		2N3421			
MHT7408	S	N	HW		2N3421			
MHT7407	S	N	HW		2N3421			
MHT7408	S	N	HW		2N3421			
MHT7409	S	N	HW		2N3421			
MHT7410	S	N	HW		2N3421			
MHT7411	S	N	HW		2N3421			
MHT7412	S	N	HW		2N3421			
MHT7413	S	N	HW		2N3421			

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
MHT7414	S	N	HW		2N3421			
MHT7415	S	N	HW		2N3421			
MHT7416	S	N	HW		2N3421			
MHT7417	S	N	HW		2N3421			
MHT7418	S	N	HW		2N3421			
MHT7419	S	N	HW		2N3421			
MHT7801	S	N	HW		2N5381			
MHT7802	S	N	HW		2N5387			
MHT7803	S	N	HW		2N5387			
MHT7804	S	N	HW		2N5387			
MHT7805	S	N	HW		2N5387			
MHT7806	S	N	HW		2N5387			
MHT7807	S	N	HW		2N5387			
MHT7808	S	N	HW		2N5387			
MHT7809	S	N	HW		2N5387			
MHT8002	S	N	HW		2N4002			
MHT8004	S	N	HW		2N4002			
MHT9001	S	N	HW		2N4002			
MHT9002	S	N	HW		2N4002			
MHT9003	S	N	HW		2N4002			
MHT9004	S	N	HW		2N4002			
MHT9005	S	N	HW		2N4002			
MHT9006	S	N	HW		2N4002			
MHT9007	S	N	HW		2N4002			
MHT9008	S	N	HW		2N4002			
MHT9009	S	N	HW		2N4002			
MHT9010	S	N	HW		2N4002			
MHT9011	S	N	HW		2N4002			
MHT9012	S	N	HW		2N4002			
MJ400	S	N	MO	(BUY79)	2N5338	TIP49		06
MJ400					2N3585			06
MJ410	S	N	MO	BUY74	FT410	RCA410		06
MJ411	S	N	MO	BUY75	FT411	RCA411		06
MJ413	S	N	MO	BUY76	FT413	TIP54		16
MJ413					RCA413			16
MJ420	S	N	MO	BF258	(BF459)	2N5059	2N3440	06
MJ421	S	N	MO	(BF459)		2N3439		06
MJ423	S	N	MO	BUY76	BDY96	FT423	TIP54	16
MJ423						RCA423		16
MJ424	S	N	MO	BUX16C	BUY76	2N6251		06
MJ425	S	N	MO	BUX18C	BUY76			06
MJ430	S	N	MO			FT430		
MJ431	S	N	MO	BUY76	BDY96	FT431	TIP54	16
MJ431						RCA431		16
MJ450	S	P	MO			2N6469	2N4398	09
MJ450						TIP32	2N6246	09
MJ480	S	N	MO			2N6470	2N3055	06
MJ480						2N4913	2N3713	06
MJ480						2N5067		06
MJ481	S	N	MO			2N6471	2N3055	06
MJ481						2N4914	2N3714	06
MJ481						2N5068		06
MJ490	S	P	MO			2N6469	2N4904	06
MJ490						TIP34	2N4901	06
MJ490						2N6246		06
MJ491	S	P	MO			2N4905	TIP34	06
MJ491						2N4902	2N6246	06
MJ500	S	P	MO			TIP42		09
MJ501	S	P	MO			TIP42A		09
MJ802	S	N	MO			2N3716	2N6268	06
MJ900	S	P	MO			RCA8350A	2N3789	06
MJ901	S	P	MO			RCA8350B	2N3790	06
MJ920	S	P	MO			RCA8350A		06
MJ921	S	P	MO			RCA8350B		06
MJ1000	S	N	MO			SE9303	RCA1000	06
MJ1000						2N3713		06
MJ1001	S	N	MO			SE9304	RCA1001	06
MJ1001						2N3714		06
MJ1200	S	N	MO			2N6384		06
MJ1201	S	N	MO			2N6385		06
MJ1800	S	N	MO	BUX16C	BUY74	2N6250	TIP51	09
MJ1800				BDY96		2N5838		09
MJ2249	S	N	MO	BDX26-6		2N3766	2N3878	09
MJ2249						MJ2260	TIP31A	09
MJ2249						2N3879		09

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
MJ2260	S	N	MO	BDX25-6		2N3767	TIP31B			09
MJ2250						2N3879				
MJ2261	S	N	MO	BUX67C	(BUY78)	MJ2252	TIP47			08
MJ2251						2N2584				06
MJ2252	S	N	MO	BUX67C	(BUY78)	TIP48	2N3584			08
MJ2253	S	P	MO			MJ2254	TIP32			
MJ2253						2N4899	2N5955			
MJ2254	S	P	MO			TIP32B	2N5954			09
MJ2254						2N4900				09
MJ2255	S	N	MO			2N3713				
MJ2257	S	N	MO			2N3714				
MJ2267	S	P	MO			2N6469	2N4901			09
MJ2267						2N3789	2N3791			09
MJ2267						2N6246				09
MJ2268	S	P	MO			2N5879	2N4902			09
MJ2268						2N3790	2N6246			09
MJ2500	S	P	MO			RCA8350A	TIP145			06
MJ2501	S	P	MO			RCA8350B	TIP146			06
MJ2801	S	N	MO			2N6569	2N6371			09
MJ2801						2N3055	2N3713			09
MJ2801						40251				09
MJ2802	S	N	MO			2N3714				
MJ2804	S	N	MO			2N5881	2N4347			06
MJ2840	S	N	MO			2N3715	TIP41A			06
MJ2840						2N3055				06
MJ2840						2N5882	2N4347			06
MJ2841	S	N	MO			2N3716	TIP41B			08
MJ2862	S	P	MO			2N6254				06
MJ2901	S	P	MO			2N3791				09
MJ2901						2N6469	2N4901			09
MJ2901						2N6246				09
MJ2940	S	P	MO	BDX18N		2N6254	2N5878			08
MJ2940						2N3791				06
MJ2941	S	P	MO			2N5880	2N6247			06
MJ2941						2N3792	2N6246			06
MJ2955	S	P	MO	BDX18N		FT2955	2N6247			09
MJ3000	S	N	MO			SE9300	TIP140			06
MJ3001	S	N	MO			SE9304	TIP141			06
MJ3010	S	N	MO	BUX16B		TIP51	MJ3011			
MJ3011	S	N	MO	BUX16B		TIP53				
MJ3026	S	N	MO	BUY78		2N5839				06
MJ3027	S	N	MO	BU126	BUY79	FT401	2N5840			06
MJ3028	S	N	MO	BU126	BUY78	FT402				06
MJ3029	S	N	MO	BUX16A	BUY74	FT411	TIP51			06
MJ3029				BDY95						06
MJ3030	S	N	MO	BUX16C	BUY79	FT413	TIP53			06
MJ3101	S	N	MO	BDX25-6		2N3878	TIP31			09
MJ3201	S	N	MO	BUX67A	(BF458)	SE9331	TIP47			06
MJ3202	S	N	MO	BUX67B	(BF459)	SE9331	TIP48			06
MJ3202						2N3585				06
MJ3260	S	N	MO			2N6250				10
MJ3430	S	N	MO	BUX18B	BUY75	FT411	2N5840			06
MJ3583	S	P	MO			2N6211				06
MJ3584	S	P	MO			2N6212				09
MJ3585	S	P	MO			2N6212				09
MJ3701	S	P	MO			2N5956	2N4898			09
MJ3701						TIP32	2N5456			09
MJ3760	S	N	MO	BU126						
MJ3761	S	N	MO	BU126						
MJ3771	S	N	MO			2N3771	2N5301			09
MJ3772	S	N	MO			2N3772	2N5301			09
MJ3773	S	N	MO			2N5830	2N3773			09
MJ3801	S	N	MO			TIP338				
MJ3802	S	N	MO			TIP338				
MJ4000	S	N	MO			SE9303	2N6384			06
MJ4000						TIP120				06
MJ4001	S	N	MO			SE9304	2N6385			06
MJ4001						TIP121				06
MJ4010	S	P	MO			RCA8350A	TIP125			06
MJ4011	S	P	MO			RCA8350B	TIP126			06
MJ4030	S	P	MO			TIP145				06
MJ4031	S	P	MO			TIP146				06
MJ4032	S	P	MO			TIP147				06
MJ4033	S	N	MO							06
MJ4034	S	N	MO							06

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
MJ4035	S	N	MO					09
MJ4101	S	N	MO		TIP31			
MJ4240	S	P	MO		2N6212			09
MJ4502	S	P	MO		2N4399	2N6248		06
MJ4545	S	P	MO		FT5415			
MJ4645	S	P	MO		FT5418			06
MJ4647	S	P	MO		FT5416			06
MJ4648	S	P	MO		FT5416			06
MJ5038	S	N	MO		2N5038			
MJ5415	S	P	MO		2N5415			06
MJ5416	S	P	MO		2N5416			06
MJ5600	S	N	MO		2N3772			
MJ5601	S	N	MO		2N6268			
MJ5602	S	N	MO		2N3773			
MJ5603	S	N	MO		2N3773			
MJ6000	S	N	MO		2N3772			
MJ6001	S	N	MO		2N6258			
MJ6002	S	N	MO		2N3773			
MJ6003	S	N	MO		2N6258			
MJ6004	S	N	MO		2N6259			
MJ6257	S	N	MO		2N3771			09
MJ6302	S	N	MO		2N5631	2N3773		09
MJ6700	S	P	MO					06
MJ6701	S	P	MO					09
MJ7000	S	N	MO		2N3265	2N5303		09
MJ7160	S	N	MO		FT430			
MJ8100	S	P	MO					09
MJ8101	S	P	MO					09
MJ9000	S	N	MO		2N6805			06
MJE29	S	N	MO	8D239	TIP29		MJE30	
MJE29A	S	N	MO	8D239A	TIP29A		MJE30A	
MJE29B	S	N	MO	8D239B	TIP29B		MJE30B	
MJE29C	S	N	MO	8D239C	TIP29C		MJE30C	
MJE30	S	P	MO	8D240	TIP30		MJE29	
MJE30A	S	P	MO	8D240A	TIP30A		MJE29A	
MJE30B	S	P	MO	8D240B	TIP30B		MJE29B	
MJE30C	S	P	MO	8D240C	TIP30C		MJE29C	
MJE31	S	N	MO	8D241	TIP31		MJE32	
MJE31A	S	N	MO	8D241A	TIP31A		MJE32A	
MJE31B	S	N	MO	8D241B	TIP31B		MJE32B	
MJE31C	S	N	MO	8D241C	TIP31C		MJE32C	
MJE32	S	P	MO	8D242	TIP32		MJE31	
MJE32A	S	P	MO	8D242A	TIP32A		MJE31A	
MJE32B	S	P	MO	8D242B	TIP32B		MJE31B	
MJE32C	S	P	MO	8D242C	TIP32C		MJE31C	
MJE33	S	N	MO		2N6486	TIP33	MJE34	
MJE33A	S	N	MO		2N6487	TIP33A	MJE34A	
MJE33B	S	N	MO		2N6488	TIP33B	MJE34B	
MJE34	S	P	MO		2N6489	TIP34	MJE33	
MJE34A	S	P	MO		2N6490	TIP34A	MJE33A	
MJE34B	S	P	MO		2N6491	TIP34B	MJE33B	
MJE41	S	N	MO	8D243	TIP41		MJE42	
MJE41A	S	N	MO	8D243A	TIP41A		MJE42A	
MJE41B	S	N	MO	8D243B	TIP41B		MJE42B	
MJE41C	S	N	MO	8D243C	TIP41C		MJE42C	
MJE42	S	P	MO	8D244	TIP42		MJE41	
MJE42A	S	P	MO	8D244A	TIP42A		MJE41A	
MJE42B	S	P	MO	8D244B	TIP42B		MJE41B	
MJE42C	S	P	MO	8D244C	TIP42C		MJE41C	
MJE47	S	N	MO		TA8863C			
MJE48	S	N	MO		TA8863B			
MJE49	S	N	MO		TA8863A			
MJE101	S	P	MO	8D132	TIP34	RCA101		
MJE102	S	P	MO		TIP34A	RCA102		
MJE103	S	P	MO		TIP34A	RCA103		
MJE103					TIP34			
MJE104	S	P	MO		TIP34B	RCA104		
MJE104					TIP34A			
MJE105	S	P	MO	(8D440)	TIP32A	2N6133		
MJE105					TIP34A	RCA105		
MJE105K	S	P	MO		TIP32A	2N6133		
MJE170	S	P	MO		TIP30	2N5323	MJE180	07
MJE171	S	P	MO		TIP30A	2N5323	MJE181	07
MJE172	S	P	MO		TIP32B	2N5322	MJE182	07
MJE180	S	N	MO		TIP29	2N5321	MJE170	07

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
MJE181	S	N	MO		TIP29A	2N5321	MJE171	07
MJE182	S	N	MO		TIP29B	2N5320	MJE172	07
MJE200	S	N	MO		TIP31	2N4895		01
MJE201	S	N	MO	BD131	TIP33	RCA201		
MJE202	S	N	MO		TIP33A	RCA202		
MJE203	S	N	MO		TIP33A	RCA203		
MJE203	S	N	MO		TIP33			
MJE204	S	N	MO		TIP33A	TIP33P		
MJE204	S	N	MO		RCA204			
MJE205	S	N	MO	(BD439)	TIP31A	TIP33		06
MJE205	S	N	MO		TIP33A	2N6130		06
MJE205	S	N	MO		RCA205			06
MJE205K	S	N	MO	(BD439)	TIP31A	2N6130		06
MJE210	S	P	MO		TIP32			01
MJE220	S	N	MO	BD221	2N5321			07
MJE221	S	N	MO	BD221	2N5320			07
MJE222	S	N	MO	BD221	2N5321			07
MJE223	S	N	MO	BD222	2N5321			07
MJE224	S	N	MO	BD222	2N5320			07
MJE225	S	N	MO	BD222	2N5321			07
MJE230	S	P	MO		2N5323			07
MJE231	S	P	MO		2N5322			07
MJE232	S	P	MO		2N5323			07
MJE233	S	P	MO		2N5323			07
MJE234	S	P	MO		2N5322			07
MJE235	S	P	MO		2N5323			07
MJE240	S	N	MO		2N5320			07
MJE241	S	N	MO		2N5320			07
MJE242	S	N	MO		2N5320			07
MJE243	S	N	MO		2N5320			07
MJE244	S	N	MO		2N5682			07
MJE250	S	P	MO		2N5322			07
MJE251	S	P	MO		2N5322			07
MJE252	S	P	MO		2N5322			07
MJE253	S	P	MO		2N5679			07
MJE254	S	P	MO		2N5679			07
MJE305	S	N	MO	AM291	2N3055			
MJE340	S	N	MO	(BF459)	BD410	FT48	TIP48	06
MJE340	S	N	MO	BD144				
MJE340K	S	N	MO	(BF459)	FT48	TA8863B		06
MJE341	S	N	MO	(BF458)				06
MJE341K	S	N	MO	(BF458)	TA8863J			06
MJE344	S	N	MO	(BF458)	FT47			06
MJE344K	S	N	MO	(BF458)	FT47			06
MJE350	S	P	MO		FT48			01
MJE370	S	P	MO, NP	BD436	TIP30	2N6124		06
MJE370	S	P	MO, NP		TIP32	RCA370		06
MJE370	S	P	MO, NP		SDA445			06
MJE370K	S	P	MO, NP	BD242	TIP30	2N6124		06
MJE371	S	P	MO, NP	BD224	BD438	2N6124	TIP32	06
MJE371	S	P	MO, NP		RCA371	SDA445		06
MJE371K	S	P	MO, NP	BD224	BD438	2N6124		06
MJE520	S	N	MO, NP	BD435	TIP29	TIP31		06
MJE520	S	N	MO, NP		2N6121	RCA520		06
MJE520	S	N	MO, NP		SDA345			06
MJE520K	S	N	MO, NP	BD241	BD435	TIP29	2N6121	06
MJE521	S	N	MO, NP	BD221	BD437	TIP31	RCA521	06
MJE521	S	N	MO, NP		SDA345	2N6121		06
MJE521K	S	N	MO, NP	BD221	BD437	2N6121		06
MJE700	S	P	MO	BD646	RCA8203A			06
MJE701	S	P	MO	BD646	RCA8203A	TIP119		06
MJE702	S	P	MO	BD648	RCA8203B	TIP116		06
MJE703	S	P	MO	BD648	RCA8203B	TIP116		06
MJE710	S	P	MO	(BD438)	TIP30	2N5323		09
MJE711	S	P	MO	(BD440)	TIP30A	2N5323		09
MJE712	S	P	MO	(BD442)	TIP30B	2N5322		09
MJE720	S	N	MO	(BD437)	TIP29	2N5321		09
MJE721	S	N	MO	(BD439)	TIP29A	2N5321		09
MJE722	S	N	MO	(BD441)	TIP29B			09
MJE800	S	N	MO	BD645	SE9300	2N6387		06
MJE800	S	N	MO		TIP110			06
MJE801	S	N	MO	(BD645)	2N6387	TIP110		06
MJE801	S	N	MO		SE9301			06
MJE802	S	N	MO	BD647	SE9300	2N6388		06
MJE802	S	N	MO		TIP111			06

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
MJE803	S	N	MO		8D647		SE9301	2N6388		06
MJE803							TIP111			06
MJE1090	S	P	MO		8DX34A	8D646	TIP125			06
MJE1091	S	P	MO		8DX34A	8D646	TIP125			06
MJE1092	S	P	MO		8DX34B	8D648	TIP126			06
MJE1093	S	P	MO		8DX34B	8D648	TIP126			06
MJE1100	S	N	MO		8DX33A	8D645	SE9300	TIP120		06
MJE1101	S	N	MO		8DX33A	8D645	SE9300	TIP120		06
MJE1102	S	N	MO		8DX33B	8D647	SE9301	TIP121		06
MJE1103	S	N	MO		8DX33B	8D647	SE9301	TIP121		06
MJE1290	S	P	MO				2N6489	2N6109		09
MJE1290							TIP34			09
MJE1291	S	P	MO				FT2955	2N6490		09
MJE1291							2N6107	TIP34A		09
MJE1660	S	N	MO				2N6486	2N6103		09
MJE1660							TIP33			09
MJE1661	S	N	MO				FT3055	2N6487		09
MJE1661							2N6101	TIP33A		09
MJE2010	S	P	MO		8D244	(8D438)	TIP32	TIP34		09
MJE2010							2N6124			09
MJE2011	S	P	MO		8D244A	(8D440)	TIP32A	TIP34A		09
MJE2011							2N6125			09
MJE2020	S	N	MO		8D243	(8D437)	TIP31	TIP33		09
MJE2020							2N6121			09
MJE2021	S	N	MO		8D243A	(8D439)	TIP31A	TIP33A		09
MJE2021							2N6122			09
MJE2050	S	N	MO				2N6121	40979		06
MJE2060	S	N	MO				TIP54			06
MJE2061	S	N	MO				TIP54			06
MJE2090	S	P	MO		8DX34A	8D646				06
MJE2091	S	P	MO		8DX34A	8D646				06
MJE2092	S	P	MO		8DX34B	8D648				06
MJE2093	S	P	MO		8DX34B	8D648				06
MJE2100	S	N	MO		8DX33A	8D645				06
MJE2101	S	N	MO		8DX33A	8D645				06
MJE2102	S	N	MO		8DX33B	8D647				06
MJE2103	S	N	MO		8DX33B	8D647				06
MJE2150	S	N	MO				TIP32			06
MJE2160	S	N	MO				TA8863B			01
MJE2360	S	N	MO				FT49	TA8863E		06
MJE2361	S	N	MO				FT49	TA8863A		06
MJE2370	S	P	MO		8D240	8D438	TIP30	2N6109		09
MJE2370							2N5320	TIP34		09
MJE2371	S	P	MO		8D240A	8D440	2N6107	2N523		09
MJE2371							TIP34A			09
MJE2480	S	N	MO		8D221	8D243	2N6290	2N6121		09
MJE2480					(8D437)		TIP33			09
MJE2481	S	N	MO		8D222	8D243A	2N6282	2N6121		09
MJE2481					(8D439)		TIP33A			09
MJE2482	S	N	MO		8D221	8D243	2N6290	2N6129		09
MJE2482					(8D437)		TIP33			09
MJE2483	S	N	MO		8D222	8D243A	2N6202	2N6130		09
MJE2483					(8D439)		TIP33A			09
MJE2490	S	P	MO		8D224	8D244	2N6109	2N6124		09
MJE2490					8D438		TIP34			09
MJE2491	S	P	MO		8D225	8D244A	2N6107	2N6125		09
MJE2491					8D440		TIP34A			09
MJE2520	S	N	MO		8D239	8D437	TIP29	TIP33		09
MJE2520							2N6290	2N5321		09
MJE2521	S	N	MO		8D239A	8D439	2N6292	2N5321		09
MJE2521							TIP33A			09
MJE2522	S	N	MO		8D241	8D437	2N6121	TIP33		09
MJE2523	S	N	MO		8D241A	8D439	2N6122	TIP33A		09
MJE2801	S	N	MO				FT3055	2N6487		09
MJE2801							TIP33A	TIP4 1A		09
MJE2801K	S	N	MO				FT3055	2N6487		06
MJE2901	S	P	MO				FT2955	2N6490		06
MJE2901							TIP42A	2N3789		06
MJE2901							TIP34			06
MJE2901K	S	P	MO				FT2955	2N6490		06
MJE2901K							2N3789			06
MJE2955	S	P	MO				FT2955	40878		09
MJE2955							2N3791	TIP34		09
MJE2955							TIP2955			09
MJE2955K	S	P	MO				FT2955	40878		09

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
MJE2955K						2N3791				09
MJE3050	S	N	MO			TIP33A				09
MJE3054	S	N	MO	(BD441)		RCA3054	2N6123			09
MJE3056	S	N	MO	AM291	BDX10	FT3055	RCA3055			09
MJE3055						2N6099	TIP3055			09
MJE3055						2N3055	TIP33A			09
MJE3055K	S	N	MO			FT3055	RCA3055			09
MJE3370	S	P	MO	BD242	(BD436)	TIP30	TIP32			06
MJE3370						2N6124				06
MJE3371	S	P	MO	BD224	(BD438)	40980	2N6124			06
MJE3371						TIP32				06
MJE3439	S	N	MO			FT49	RCP11D			06
MJE3439						2N3439	TIP51			06
MJE3440	S	N	MO			FT47	2N3440			06
MJE3440						TIP52				06
MJE3520	S	N	MO	(BD435)		TIP29	TIP33			06
MJE3521	S	N	MO	BD221	(BD437)	2N6121	TIP33			06
MJE3738	S	N	MO	(BF458)		FT43	TIP51			06
MJE3739	S	N	MO	(BF459)		TIP52				06
MJE3740	S	P	MO	BD440		2N6125	2N6107			16
MJE3740						TIP34A				16
MJE3741	S	P	MO	BD442		2N6107	2N6126			16
MJE3741						TIP34B				16
MJE3839			MO			FT48				16
MJE4916	S	P	MO			2N6124				16
MJE4918	S	P	MO	BD240	BD438	TIP30				06
MJE4919	S	P	MO	BD240A	BD440	TIP30A	2N6125			06
MJE4920	S	P	MO	BD240B	BD442	TIP30B	2N6126			06
MJE4921	S	N	MO	BD239	BD437	TIP29	2N6121			06
MJE4922	S	N	MO	BD239A	BD439	TIP29A	2N6122			06
MJE4923	S	N	MO	BD239B	BD441	TIP29B	2N6123			06
MJE5120	S	N	MO			2N6121				06
MJE5190	S	N	MO	BD221	(BD437)	2N6121				06
MJE5191	S	N	MO	BD222	(BD439)	2N6122				06
MJE5192	S	N	MO	(BD441)		2N6123				06
MJE5193	S	P	MO	BD224	(BD438)	2N6124				06
MJE5194	S	P	MO	BD225	(BD440)	2N6125				06
MJE5195	S	P	MO	(BD442)		2N6126				06
MJE5655	S	N	MO			FT47	TA8863J			06
MJE5656	S	N	MO			FT48	TA8863F			06
MJE5657	S	N	MO			FT49	TA8863F			06
MJE5974	S	P	MO	(BD440)		TIP32	2N6489			06
MJE5974						2N6132				06
MJE5975	S	P	MO	(BD442)		TIP32A	2N6490			06
MJE5975						2N6133				06
MJE5976	S	P	MO	(BD442)		TIP32B	2N6491			06
MJE5976						2N6134				06
MJE5977	S	N	MO	(BD439)		TIP31	2N6486			06
MJE5977						2N6129				06
MJE5978	S	N	MO	(BD441)		TIP31A	2N6487			06
MJE5978						2N6130				06
MJE5979	S	N	MO	(BD441)		TIP31B	2N6488			06
MJE5979						2N6131				06
MJE5980	S	P	MO			2N6132	2N6489			06
MJE5981	S	P	MO			2N6133	2N6490			06
MJE5982	S	P	MO			2N6134	2N6491			06
MJE5983	S	N	MO			2N6129	2N6486			06
MJE5984	S	N	MO			2N6130	2N6487			06
MJE5985	S	N	MO			2N6131	2N6488			06
MJE8040	S	P	MO							06
MJE8040				BDX34A						06
MJE6041	S	P	MO							06
MJE6042	S	P	MO	BDX34B						06
MJE6043	S	N	MO	BDX34C						06
MJE6044	S	N	MO	BDX33A		SE9300				06
MJE6045	S	N	MO	BDX33B		SE9301				06
MJE6045				BDX33C		SE9302				06
MM1812	S	N	MO			2N3440				07
MM2090	J	N	MO			3N124				07
MM2091	J	N	MO			3N125				07
MM2092	J	N	MO			3N126				07
MM2102	M	N	MO			2N4351				07
MM2103	M	P	MO			2N4352				07
MM3005	S	N	MO			40635	2N5681			07
MM3006	S	N	MO			2N5681				07
MM3007	S	N	MO			2N5681				07
MM4000	S	P	MO							07
				BFT28						07

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
MM4001	S	P	MO	8FT28A						02
MM4002	S	P	MO	8FT28B						02
MM4003	S	P	MO	8FT28C						02
MM5005	S	P	MO			40634	2N5679			11
MM5006	S	P	MO			2N5679				11
MM5007	S	P	MO			2N5679				11
MMF1	J	N	MO			2N5197				
MMF2	J	N	MO			2N3921				
MMF3	J	N	MO			2N5198				
MMF4	J	N	MO			2N3922				
MMF5	J	N	MO			2N5199				
MMF6	J	N	MO			SU2080				
MMR6/1	G	P		AC126		2N2429				
MMR6/2	G	P		AF178		2N2495				
MMR6/3	G	P		AF185						
MMR6/11	G	P		AC128		2N2431				
MMR6/12	G	P		AD149		2N2836				
MMT3823	J	N	MO			2N3823				
MN24	G	P		AD149	OC16	2N2836				
MN25	G	P		AD149	OC16	2N2836				
MN26	G	P		AD149	OC16	2N2836				
MP500	G	P	MO			MP504				06
MP501	G	P	MO			MP505				06
MP502	G	P	MO			MP506				06
MP504	G	P	MO			MP500				06
MP505	G	P	MO			MP501				06
MP506	G	P	MO							06
MP525	G	P	MO							06
MP939	G	P		AU105	AU103					06
MP1612	G	P	MO			MP1612A				06
MP1612A	G	P	MO			MP1612B				06
MP1612B	G	P	MO							06
MP1613	G	P	MO							06
MP2060	G	P	MO			MP2061				06
MP2061	G	P	MO			MP2062				06
MP2062	G	P	MO			MP2063				06
MP2063	G	P	MO							06
MPF102	J	N	MO, IL, NS, SX			2N3819	2N5486			
MPF103	J	N	IL, MO, NS			2N5457	2N5953			
MPF104	J	N	IL, MO, NS			2N5458	2N5952			
MPF105	J	N	IL, MO, NS			2N5459	2N5951			
MPF106	J	N	IL, NS, MO			2N5485	2N5952			
MPF107	J	N	IL, NS, MO			2N5486	2N5950			
MPF108	J	N	MO, SX			2N3819	2N5486			
MPF109	J	N	MO, SX			2N3819	2N5163			
MPF111	J	N	MO, IL, NS, SX			2N3819	2N5163			
MPF112	J	N	MO, IL, NS, SX			2N3819	2N5163			
MPF120	J	N	MO			3N203				
MPF121	J	N	MO			3N201				
MPF122	J	N	MO			3N203				
MPF151	J	P	MO			2N5460				
MPF152	J	P	MO			2N5461				
MPF153	J	P	MO			2N5462				
MPF154	J	P	MO			2N5463				
MPF155	J	P	MO			2N5464				
MPF156	J	P	MO			2N5465				
MPF157	M	N	MO			MFE3004				
MPF158	M	N	MO			MFE3005				
MPF159	M	N	MO			2N4351				
MPF160	M	N	MO			2N4352				
MPF161	J	P	IL, MO			2N5462	P1069E			
MPS292	S	N	MO	8C238B						
MPS370	S	N	MO	8C238						
MPS404	S	P	MO	(8C238A)						10
MPS404A	S	P	MO	(8C237A)						10
MPS653	S	N	MO	8C237A						
MPS706	S	N	MO, F, NS	BSY62A		2N5772	2N4275			13
MPS706A	S	N	MO, F	BSY62A		2N5772	2N4275			13
MPS834	S	N	MO, F, NS	BSY63		2N5772	2N4275			13
MPS918	S	N	MO, NS	(8FX89)		TS62	2N5770			01
MPS918	S	N	MO, F, NS	(8SX63)		EN918				01
MPS2369	S	N	MO, F, NS	8C238A		2N5770	2N4275			13
MPS2711	S	N	MO, F, NS	8C238A		2N2711	2N5135			01
MPS2711	S	N	MO, F, NS			2N3691				01
MPS2712	S	N	MO, F, NS	8C238A		2N2712	2N5135			01

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
MPS2712					2N3692			01
MPS2713	S	N	MO, F	(BSY62)	2N2713	2N5135		10
MPS2713					2N4275			10
MPS2714	S	N	MO, F, NS	(BSY62)	2N2714	2N5135		10
MPS2714					2N4275			10
MPS2715	S	N	MO, NS		MPS2711	2N5135		
MPS2716	S	N	MO, NS		MPS2712	2N5135		
MPS2716					2N3692			
MPS2894	S	P	MO					
MPS2923	S	N	MO, F, NS	8C238A	TIS99	2N2923		07
MPS2923								
MPS2924	S	N	MO, F, NS	8C238B	2N5135			07
MPS2924					TIS98	2N2924		07
MPS2924					2N5135			07
MPS2925	S	N	MO, F, N	8C238B	TIS98	2N3565		07
MPS2926	S	N	MO, F, NS	8C238B	2N3691	2N3692		07
MPS2926br	S	N	MO	8C238A				07
MPS2926gn	S	N	MO	8C238B				07
MPS2926r	S	N	MO	8C238A				07
MPS2926or	S	N	MO	8C238A				07
MPS2926ye	S	N	MO	8C238B				07
MPS3392	S	N	MO, F, NS	8C238B	2N3392	SE6002		01
MPS3392					EN4124			01
MPS3393	S	N	MO, F, NS	8C238B	2N3393	SE6002		01
MPS3393					SE1001			01
MPS3394	S	N	MO, F, NS	8C238A	2N4123	EN4123		01
MPS3395	S	N	MO, F, NS	8C238C	2N3395	SE6002		01
MPS3396	S	N	MO, NS					
MPS3397	S	N	MO, NS		MPS3396			
MPS3398	S	N	MO, NS					
MPS3563	S	N	F, MO, NS	(8FX89)	TIS62	2N3563		02
MPS3638	S	P	MO, F, NS	8C328-16	2N6354	2N3638		11
MPS3638					2N5356	2N5448		11
MPS3638A	S	P	MO, F, NS	8C328-16	2N5355	2N3638A		11
MPS3638A					2N5447			11
MPS3638-5	S	P	F		2N3638			11
MPS3638A-5	S	P	F		2N3638A			11
MPS3639	S	P	MO		2N3639			10
MPS3640	S	P	MO		2N3640			10
MPS3646	S	N	MO, F, NS	(BSY63)	2N3646			13
MPS3646-18	S	N	F		2N3646			13
MPS3693	S	N	MO, F, NS	(8C414A)	2N3826	2N3903		02
MPS3693					EN3903	2N3693		02
MPS3694	S	N	MO, F, NS	(8C414)	2N3827	2N3904		02
MPS3694					EN3904	2N3694		02
MPS3702	S	P	MO, F, NS	8C307B	2N3638A			02
MPS3703	S	P	MO, F, NS	8C307A	2N3638			02
MPS3704	S	N	MO, F, NS	8C337-16	2N3704	2N3566		02
MPS3705	S	N	MO, F, NS		2N3705	2N3566		02
MPS3705					SE6001			02
MPS3706	S	N	MO, F, NS	8C337-25	2N3706	2N3566		02
MPS3707	S	N	MO, F, NS	8C413B	2N3707	SE4010		01
MPS3707					EN4124			01
MPS3708	S	N	MO, F, NS	8C237B	2N3708	EN4123		01
MPS3708					EN4124			01
MPS3709	S	N	MO, F, NS	8C237A	2N3709	EN4123		01
MPS3710	S	N	MO, F, NS	8C237A	2N3710	EN4124		01
MPS3711	S	N	MO, F, NS	8C237B	2N3711	EN3904		01
MPS3711					2N3565			01
MPS3721	S	N	MO, F	8C238B	2N3721	2N5135		07
MPS3721					2N3692			07
MPS3725	S	N	MO	(8SX49)				
MPS4354	S	P	MO, F	(8SV16-6)				09
MPS4356	S	P	MO, F	(8SV16-16)				09
MPS4356	S	P	MO, F	(8SV17-6)				09
MPS5172	S	N	MO, F	8C238B	2N2134			02
MPS5551M	S	N	F					
MP56506	S	N	MO		TIS86	2N4996		
MP56507	S	N	MO		TIS86	2N4996		01
MP56507					2N5770	SE3002		01
MP56508	S	N	MO		TIS86	2N4996		
MP56509	S	N	MO		TIS84			
MP56510	S	N	MO		TIS84			
MP56511	S	N	MO, F		TIS87	SE3005		02
MP56511					FPS6511			02
MP56512	S	N	MO, F, NS		TIS99	2N4123		02

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
MPS6512	S	N	MO, F, NS			2N4124	FPS6512			02
MPS6513	S	N	MO, F, NS	BC237A		TIS99	EN4124			02
MPS6513	S	N	MO, F, NS			FPS6513				02
MPS6514	S	N	MO, F, NS	BC237B	BC207	TIS98	FPS6514			02
MPS6515	S	N	MO, F, NS	BC237B	BC207	TIS97	FPS6515			02
MPS6515	S	P	MO, F, NS	BC209						02
MPS6516	S	P	MO, F, NS	BC307A		2N5447	EN3905			02
MPS6516	S	P	MO, F, NS			FPS6516				02
MPS6517	S	P	MO, F, NS	BC307A		FPS6517	2N5447			02
MPS6517	S	P	MO, F, NS			EN3905				02
MPS6518	S	P	MO, F, NS	BC307B		2N5447	EN3906			02
MPS6518	S	P	MO, F			FPS6518				02
MPS6519	S	P	MO, F	BC308B		2N5447	EN4126			02
MPS6519	S	N	MO, F, NS			FPS6519				02
MPS6520	S	N	MO, F, NS	BC413B		TIS98	SE4020			02
MPS6520	S	N	MO, F, NS			FPS6520				02
MPS6521	S	N	MO, F, NS	BC413C		TIS97	SE4020			02
MPS6521	S	P	MO, F, NS			FPS6521				02
MPS6522	S	P	MO, F, NS	BC415B		2N5447	EN4126			02
MPS6522	S	P	MO, F			FPS6522				02
MPS6523	S	P	MO, F	BC415C		2N5447	EN4126			02
MPS6523	S	N	MO			FPS6523				02
MPS6528	S	N	MO			TIS84				02
MPS6529	S	N	MO			TIS108				02
MPS6530	S	N	MO, F, NS	BC337-16		TIS92	2N4944			02
MPS6530	S	N	MO, F, NS			FPS6530				02
MPS6531	S	N	MO, F, NS	BC337-16		TIS92	2N4946			02
MPS6531	S	N	MO, F, NS			FPS6531				02
MPS6532	S	N	MO, F, NS	BC337-16	BC237A	TIS92	2N3566			02
MPS6532	S	N	MO, F, NS			FPS6532				02
MPS6533	S	P	MO, NS	BC327-16	BC177IV	TIS93	MPS6533M			02
MPS6533	S	P	F			2N3644				02
MPS6533M	S	P	F	BC327-16		FPS6533M				02
MPS6534	S	P	MO, NS	BC327-16	BC177A	TIS93	MPS6534M			02
MPS6534	S	P	F, MO			2N3644				02
MPS6534M	S	P	F, MO	BC327-16		FPS6534M				02
MPS6535	S	P	MO, NS	BC327-16	BC177IV	TIS93	MPS6535M			02
MPS6535M	S	P	F, MO	BC327-16		FPS6535M				02
MPS6539	S	N	MO	(8F199)		PE4030B	SE6032			02
MPS6539	S	N	MO			2N3690	FPS6539			02
MPS6540	S	N	MO	(8F198)		PE5030B	SE5030B			02
MPS6540	S	N	MO			FPS6540				02
MPS6541	S	N	MO			TIS86	2N4996			02
MPS6542	S	N	MO			TIS62	PE5030B			02
MPS6542	S	N	MO			SE5030B				02
MPS6543	S	N	MO			TIS86	PE6030B			02
MPS6543	S	N	MO			SE5030B	FPS6543			02
MPS6544	S	N	MO			TIS87	PE5030B			02
MPS6544	S	N	MO			SE5030B	FPS6544			02
MPS6545	S	N	MO			TIS87	PE6030B			02
MPS6545	S	N	MO			SE5030B				02
MPS6546	S	N	MO	(8F199)		TIS86	PE5030B			01
MPS6546	S	N	MO			SE5030B	FPS6546			01
MPS6547	S	N	MO	(8F199)		TIS86	PE5030B			01
MPS6547	S	N	MO			SE5030B	FPS6547			01
MPS6548	S	N	MO			PE5030B	SE5030B			01
MPS6548	S	N	MO			FPS6548				01
MPS6552	S	N	MO			TIS98				02
MPS6553	S	N	MO			TIS97				02
MPS6554	S	N	MO			TIS97				02
MPS6555	S	N	MO			TIS97				02
MPS6560	S	N	MO, F	BC338-16		TIS92	SE6560			02
MPS6560	S	N	MO, F			FPS6560				02
MPS6561	S	N	MO, F			TIS92	SE6561			02
MPS6561	S	N	MO, F			FPS6561				02
MPS6562	S	P	MO, F			TIS93	SE6562			02
MPS6562	S	P	MO, F			FPS6562				02
MPS6563	S	P	MO, F	BC328-16		TIS93	SE6563			02
MPS6563	S	N	MO			FPS6563				02
MPS6564	S	N	MO			2N4994				02
MPS6565	S	N	MO, F, NS	BC237A		TIS99	EN3909			02
MPS6566	S	N	MO, F, NS			FPS6566				02
MPS6566	S	N	MO, F, NS	BC237B		TIS98	EN3904			02
MPS6566	S	N	MO	(8F241)		FPS6566				02
MPS6567	S	N	MO			TIS86	PE6030B			02

TYPE	M/S	POI	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
MPS6567					SE5030B	FPS6567		02
MPS6568	S	N	MO	(BF198)	FPS6568			02
MPS6568A	S	N	MO	(BF198)				02
MPS6569	S	N	MO	(BF198)	FPS6569			02
MPS6570	S	N	MO	(BF198)	FPS6570			02
MPS6571	S	N	F, MO, NS	8C413C	SE4020	FPS6571		02
MPS6579	S	P	MO		TIS37			
MPS6590	S	N	MO		MPSA06			01
MPS6591	S	N	MO		MPSA05			01
MPS9600/1	S	N	MO	8F495				
MPS9600/2	S	N	MO	8F495				
MPS9600/3	S	N	MO	8F495				
MPS9600/4	S	N	MO	8C549B				
MPS9603	S	N	MO	8F494				
MPS9606	S	N	MO	8C548				
MPS9607	S	N	MO	8C548				
MPS9608	S	N	MO	8C548A				
MPS9610	S	N	MO	8C549B				
MPS9616	S	N	MO	8C338				
MPS9636	S	N	MO	8C548B				
MPS9644	S	N	MO	8C548A				
MPS9656	S	P	MO	8C558				
MPS9657	S	P	MO	8C558				
MPS9658	S	P	MO	8C558				
MPS9666	S	P	MO	8C328				
MPS9696	S	N	MO	8C548				
MPS-A05	S	N	F, MO	(BSX46-10)	2N3404	2N5856		
MPS-A05					2N3416	2N6010		
MPS-A06	S	N	F, MO	(BSX47-10)	2N3405	2N5856		
MPS-A08					2N3417	2N6012		
MPS-A09	S	N	F, MO	8C414B	2N5209	SE4020		
MPS-A10	S	N	MO, F		MPSA20	2N3903		
MPS-A10					2N3693			
MPS-A12	S	N	MO, F		FPSA12			
MPS-A13	S	N	MO, F		FPSA13			
MPS-A14	S	N	MO, F		FPSA14			
MPS-A16	S	N	MO	8C237B				
MPS-A17	S	N	MO	8C237B				
MPS-A18	S	N	MO	(8C14C)				
MPS-A20	S	N	F, MO	8C237B	2N3903			
MPS-A42	S	N	F, MO	(8F459)				
MPS-A43	S	N	F, MO	(8F458)				
MPS-A55	S	P	F, MO	(BSV16-10)	2N6011	2N5857	2N4409	
MPS-A55					2N6015	2N6017		2N4410
MPS-A56	S	P	MO, F	(BSV17-10)	2N5857	2N3645		
MPS-A65	S	P	MO, F		FPSA65			
MPS-A68	S	P	MO, F		MPSA65	FPSA66		
MPS-A70	S	P	F, MO		2N3905			
MPS-H02	S	N	MO	8C307A				
MPS-H10	S	N	MO, NS		2N5770	SE3003		
MPS-H10					SE3005			
MPS-H11	S	N	MO, NS		2N5770	SE3003		
MPS-H11					SE3005			
MPS-H32	S	N	MO, NS		PE5010	SE5056		
MPS-H37	S	N	MO, NS		PE6030B	SE5030B		
MPS-L01	S	N	F, MO, NS	(8F457)	2N5831			
MPS-L07	S	P	MO, F		2N6771			
MPS-L08	S	P	MO, F		2N5771		2N5224	
MPS-L51	S	P	MO, F, NS		2N4889			
MPS-U01	S	N	MO	(8D135-10)				
MPS-U01A	S	N	MO	(8D135-10)				
MPS-U02	S	N	MO	(8D137-10)				
MPS-U05	S	N	MO	(8D137-10)	8D137			
MPS-U06	S	N	MO	(8D139-10)	8D139			
MPS-U07	S	N	MO	(8D139-10)				
MPS-U51	S	P	MO	(8D136-10)				
MPS-U51A	S	P	MO	(8D136-10)				
MPS-U52	S	P	MO	(8D138-10)				
MPS-U55	S	P	MO	(8D138-10)	2N6125			
MPS-U56	S	P	MO	(8D140-10)	2N6126			
MPS-U57	S	P	MO	(8D140-10)	2N6126			
MRD100	P	N	MO		TIL78*			22
MRD160	P	N	MO		TIL78*			22
MRD300	P	N	MO		TIL81*			22
MRD310	P	N	MO		TIL81*			22

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
MRD450	P	N	MO		TIL78*			22
MRD600	P	N	MO		TIL601*			
MRD810	P	N	MO		TIL81*			22
MRD3050	P	N	MO		TIL81*			22
MRD3051	P	N	MO		TIL81*			22
MRD3052	P	N	MO		TIL81*			22
MRD3053	P	N	MO		TIL81*			22
MRD3054	P	N	MO		TIL81*			22
MRD3055	P	N	MO		TIL81*			22
MRD3056	P	N	MO		TIL81*			22
MT1	P				TIL81*			
MT2	P				TIL81*			
MT1038	S	N	F	(BFR15)				
MT1038A	S	N	F	(BFR15)				
MT1039	S	N	F	(BFR15)				
MT1060	S	N	F	(BFR15)				
MT1060A	S	N	F	(BFR15)				
MT1081	S	N	F	(BFR15)				
MT1061A	S	N	F	(BFR15)				
MT1062	S	N	F	(BFW92)				
MT3833	S	N	F	(BFW92)				
MT3834	S	N	F	(BFW92)				
MTC70	G	P		AC128	2N2431			
MTC71	G	P		AC126	2N2429			
MTC72	G	P		AC128	2N2431			
MTC78	G	P		AC128	2N2431			
NF500	J	N	IL, NS		MPF102	2N3823		
NF500					2N4224			
NF501	J	N	IL, NS		MPF102	2N3823		
NF501					2N4224			
NF506	J	N	IL, NS		MPF102	2N4416		
NF506					2N3823			
NF510	J	N	IL, NS		2N4093	2N4861		
NF510					2N3970			
NF511	J	N	IL, NS		2N4093	2N4861		
NF511					2N3970			
NF520	J	N	IL, NS		2N5639	2N3822		
NF520					2N4224			
NF521	J	N	IL, NS		2N3970	2N3821		
NF521					2N4220			
NF522	J	N	IL, NS		2N5640	2N3822		
NF522					2N4224			
NF523	J	N	IL, NS		2N3971	2N3821		
NF523					2N4220			
NF530	J	N	IL, NS		2N5638	2N3459		
NF530					2N3069			
NF531	J	N	IL, NS		2N5639	2N3460		
NF531					2N3070			
NF532	J	N	IL, NS		2N5640	2N3459		
NF532					2N3069			
NF533	J	N	IL, NS		2N5640	2N3460		
NF533					2N3070			
NF550	J	N	NS		2N3958			
NF580	J	N			MFE2012	SFC1783		
NF580					2N4446			
NF581	J	N			MFE2012	SFC1783		
NF581					2N4447			
NF582	J	N			MFE2012	SFC1785		
NF582					2N5434			
NF583	J	N			MFE2011	SFC1785		
NF583					2N5434			
NF584	J	N			MFE2012	SFC1785		
NF584					2N4446			
NF585	J	N			MFE2011	SFC1785		
NF585					2N5433			
NF3819	J	N			FE3819			
NF4302	J	N	NS		2N5458	2N3459		
NF4302					2N4302			
NF4303	J	N	NS		2N5458	2N3458		
NF4303					2N4303			
NF4304	J	N	NS		2N5458	2N3458		
NF4304					2N4304			
NF4446	J	N			MFE2012	SFC1783		
NF4446					2N4446			
NF4446	J	N			SFC1785	2N4446		

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
NF4447	J	N			SFC1783	2N4447		
NF4448	J	N			SFC1785	2N4448		
NF8163	J	N			2N5163			
NF5457	J	N			2N3459	2N5457		
NF5458	J	N			2N3459	2N5458		
NF5459	J	N			2N3458	2N5459		
NF5485	J	N			2N4416	2N5485		
NF5486	J	N			2N4416	2N5486		
NF5555	J	N			2N5555			
NF5638	J	N			2N4391	2N5638		
NF5639	J	N			2N4393	2N5639		
NF5640	J	N			2N4393	2N5640		
NF5653	J	N			2N4856	2N5653		
NF5654	J	N			2N4857	2N5654		
NKT52	G	P		NKT72				
NKT53	G	P		NKT73				
NKT54	G	P		NKT73				
NKT62	G	P		NKT72				
NKT63	G	P		NKT73				
NKT64	G	P		NKT73				
NKT74	G	P		NKT73				
NKT122	G	P		2GT102				
NKT123	G	P		2GT102				
NKT124	G	P	NT		2N1309			
NKT125	G	P	NT	2GT102	2N1305			
NKT126	G	P	NT	2GT102				
NKT127	G	P			2N1309			
NKT128	G	P		2GT102	2N1305			
NKT129	G	P		2GT102				
NKT132	G	P		AF185				
NKT133	G	P		AF185				
NKT142	G	P		2GT102				
NKT143	G	P		2GT102				
NKT152	G	P		NKT162				
NKT152C	G	P		NKT162				
NKT153	G	P		NKT163				
NKT153A	G	P		NKT163				
NKT153B	G	P		NKT163				
NKT153/25	G	P		NKT163				
NKT153/25B	G	P		NKT163				
NKT153/25C	G	P		NKT163				
NKT154	G	P		NKT164				
NKT154A	G	P		NKT164				
NKT154B	G	P		NKT164				
NKT154R	G	P		NKT164				
NKT154/25	G	P		NKT164				
NKT154/25B	G	P		NKT164				
NKT154/25C	G	P		NKT164				
NKT162	G	P		2GT102				
NKT163/25	G	P		NKT163				
NKT163/25B	G	P		NKT163				
NKT164/25	G	P		NKT164				
NKT164/25B	G	P		NKT164				
NKT172	G	P		NKT162				
NKT173	G	P		NKT163	2G371			
NKT174	G	P		NKT164				
NKT182	G	P		NKT162				
NKT183	G	P		NKT163				
NKT184	G	P		NKT164				
NKT202	G	P		AC126	2N2429			
NKT203	G	P		AC126	2N2429			
NKT204	G	P		AC126	2N2429			
NKT205	G	P		AC126	2N2429			
NKT206	G	P		AC126	2N2429			
NKT208	G	P		AC126	2N2431			
NKT212	G	P	NT	2G303				
NKT213	G	P	NT	2G347				
NKT214	G	P	NT	2G371				
NKT215	G	P	NT	2G371				
NKT216	G	P	NT	2G374				
NKT217	G	P	NT	2G377				
NKT222	G	P		2G182				
NKT223	G	P	NT	AC158				

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
NKT250	G	P		NKT274				
NKT251	G	P		AC128	NKT271	2N2431		
NKT251A	G	P				2N2429		
NKT252	G	P		AC126	NKT274			
NKT252A	G	P		NKT274				
NKT253	G	P		NKT271				
NKT254	G	P		NKT274				
NKT254A	G	P		NKT274				
NKT255	G	P		NKT276				
NKT255A	G	P		NKT276				
NKT255E	G	P		NKT276				
NKT255J	G	P		NKT275				
NKT258	G	P		NKT274				
NKT260	G	P		NKT274				
NKT261	G	P	NT	NKT271				
NKT261A	G	P		NKT271				
NKT262	G	P	NT	NKT274				
NKT262A	G	P		NKT274				
NKT263	G	P		NKT271				
NKT264	G	P	NT	NKT274				
NKT265	G	P	NT	NKT276				
NKT265A	G	P		NKT275				
NKT265E	G	P		NKT276				
NKT265J	G	P		NKT275				
NKT268	G	P		NKT274				
NKT270	G	P	NT	NKT274				
NKT271	G	P	NT	AC154	2G302			
NKT271A	G	P		NKT271				
NKT272	G	P	NT	AC113	NKT274			
NKT272A	G	P		NKT274				
NKT273	G	P		NKT271				
NKT277	G	P		NKT271				
NKT278	G	P		NKT274				
NKT403	G	P	NT	AD140				
NKT450	G	P		NKT452				
NKT453	G	P	NT	NKT452				
NKT713	G	N	NT	AC157				
NKT751	G	N		NKT773				
NKT80111	J	N	NT		2N6457			
NKT80112	J	N	NT		2N5457			
NKT80113	J	N	NT		2N5457			
NKT80114	J	N	NT		2N5459			
NKT80211	J	N	NT		2N5459			
NKT80212	J	N	NT		2N5459			
NKT80213	J	N	NT		2N6459			
NKT80216	J	N	NT		2N5458			
NKT80216	J	N	NT		2N6458			
NPC108	J	N	NU		2N5485			
NPC108A	J	N	NU		2N5485			
NPC211N	J	N	NU		2N5457			
NPC212N	J	N	NU		2N5457			
NPC213N	J	N	NU		2N5458			
NPC214N	J	N	NU		2N5457			
NPC215N	J	N	NU		2N6457			
NPC216N	J	N	NU		2N5458			
NSL610	P	N			TIL81*			
OC13	G	P		AC126	AC125	2N2429		
OC13	G	P		OC71				
OC14	G	P		OC4	OC74			
OC16	G	P		AD149	AD130III	2N2836	2N2063	2S883
OC16	G	P		AD162	OC26	TI3029	2N1314	
OC22	G	P	MU, PH, V	AUY19V	AD149	2N157A	2N301A	2S8338
OC22	G	P		AD148IV	OD803	5FT213		2S842
OC23	G	P	MU, PH, V	AUY19V	AD149	2N157A		2S8338
OC23	G	P		AD148	OD603			
OC23	G	P		GFT4012				
OC24	G	P	MU, PH, V	AUY19V	AD148V	2N157A		2S8338
OC24	G	P		AD149	CTO1111			
OC25	G	P	MN, MU	AD149		2N2836		
OC26	G	P	PE, PH, V	AD149	AD150IV	2N2836	T1156	2S883
OC26	G	P		AD160	AD163	2N456	2N1314	
OC27	G	P		AD149	V30/30P	2N353	2N1315	
OC28	G	P	MN, MU, PE	AUY22II	AUY22III	2N174	2N456	2S8341
OC28	G	P		AUY28	ASZ15			2S8424
OC28	G	P		AD148				

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
OC29	G	P	MN, MU, PE, V	AUY21III	AD138/50	2N174	2N457	2SB341		
OC29				ASZ16	AD150			2SB425		
OC29				AUY31						
OC30	G	P	MU, PH, V	AD148V	AD139	2N141		2SB86		
OC30				AD149	AD155					
OC30				AD152	AD162					
OC30				AD148						
OC30A	G	P	V	AD148	AD152					
OC30A				AD148IV	AD148V					
OC30B	G	P	V							
OC32	G	P		OC57	OC58					
OC32				OC65						
OC33	G	P		AC125	AC126	2N2429				
OC33				OC65						
OC34	G	P		AC126	AC125	2N2429				
OC34				OC66						
OC35	G	P	MN, MU, PE, V	AUY21III	AD138/50	2N352		2SB339		
OC35				ASZ17	AUY31			2SB425		
OC35				SFT214						
OC36	G	P	MN, MU, PE, V	AUY22II	AUY28	2N174	2N157A	2SB341		
OC36				ASZ18	AD132			2SB424		
OC37	G	P		ASY76	OC76					
OC38	G	P		AC126	AC128	2N2429				
OC38				AC132						
OC41	G	P	MU	(AC121IV)	ASY26					
OC41				ASY27						
OC42	G	P	MU	(AC121V)	ASY26					
OC42				ASY27	AC125					
OC43	G	P	MU	(AC121VI)	ASY27					
OC44	G	P	MU, PH, V, PE	(AC121V)	AF185	2N36		2SB101		
OC44				ASY27						
OC44				AF132	AF188			2SB44		
OC44				AFY15						
OC45	G	P	MU, PH, V, PE	(AC121VI)	AF185	2N36	2N218	2SB101		
OC45				ASY27	AFY15			2SB45		
OC45				AF126	AF133					
OC45				AF187						
OC46	G	P	PH, V	ASY46	ASY26	2N269		2SA212		
OC46				ASY27	AF133			2SA0		
OC46				SFT226						
OC47	G	P	PH, V	ASY47	ASY27	2N269		2SA217		
OC47				AF188	SFT227			2SA0		
OC50	G	P	PH	(AC151VII)						
OC53	G	P	AM	(AF139)						
OC54	G	P	AM	(AF239)						
OC55	G	P	AM	(AF239)						
OC56	G	P	AM	(AC151V)						
OC57	G	P	PH, V	(AC151IV)	OC58	2N1190	2N106	2SB47		
OC57				AC151	AC122ye			2SB168		
OC57				AC125	AC129r					
OC57				OC330						
OC58	G	P	PH, V	(AC151V)	AC122v	2N106		2SB168		
OC58				AC129	OC341					
OC58				OC824ye	AC151					
OC59	G	P	PH, V	(AC151V)	AC151	2N106		2SB168		
OC59				AC122b	AC129					
OC59				AF129b	OC342					
OC60	G	P	PH, V	AC151	AC151V	2N108		2SB169		
OC60				AC122ye	AC125					
OC60				AC129	AF129b					
OC60				OC342						
OC65	G	P		OC57	AC125			ST301		
OC65				OC330	OC822					
OC66	G	P		AC126	OC58	2N2429		ST302		
OC66				OC340	OC624					
OC70	G	P	MU, PH, V	AC128	AC151IV	2N2429	2N279	2SB75		
OC70				AC122	AC125					
OC70				AC163						
OC71	G	P	MU, PH, V, PE	AC126	AC151IV	2N2429	2N280	2SB77		
OC71				AC151V	AC122					
OC71				AC163	OC3041					
OC71N	G	P	NT	AC126						
OC72	G	P	MU, PH, V, PE	AC151V	AC151V	2N2431	2N282	2SB89		
OC72				AC128	AC151IV					
OC72				AC151V	AC151					

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
OC72				AC131	AC132					
OC73	G	P		AC151IV	AC126					
OC73				GFT34	OC75					
OC74	G	P	PH, V, PE	AC128	AC151V	2N2431	2N1501	2SB166		
OC74				AC117	AC124					
OC74				OC318	AC153					
OC74N	G	P	MN, NT	AC121V	AC121VI					
OC75	G	P	PH, MU, V	AC126	AC151VI	2N2429	2N466	2SB89		
OC75				AC151V	AC116					
OC75				AC131	OC304III					
OC75N	G	P	NT	AC151VI						
OC76	G	P	MU, PH, V, PE	AC151IV	ASY48IV	2N284	2N395	2SB89		
OC76				AC131	ASY76					
OC76				AC125	AC152					
OC77	G	P	MU, PH, V, PE	ASY48IV	ASY77	2N24A	2N284A	2SB89		
OC77				AC128	ACY24					
OC77				ASY81						
OC77N	G	P	NT	ASY48IV						
OC78	G	P		AC128						
OC78	G	P	PH, V, PE	AC128	AC152V	2N2431	2N223	2SB156		
OC79				AC162VI	AC124					
OC79				AC125	AC151V					
OC80	G	P	PH, V, PE	AC152VI	AC121VI					
OC80				AC126	AC124					
OC80				AC128						
OC80A	G	P		AC152VI	AC152VII					
OC81	G	P		AC153	AC117R					
OC81				AC128						
OC82	G	P		AC128						
OC83	G	P	PH, MU	AC152V	AC131					
OC83				AC128	AC124K					
OC84	G	P	PH, MU	AC153V	AC128	2N4106	2N467	2SB222		
OC84				AC131	AC124K					
OC110	G	P		AC126	AC125	2N2429				
OC120	G	P		AC128	AC125	2N2429				
OC122	G	P	PH, V, PE	AC153V	ASY80	2N4106	2N467	2SB222		
OC122				AC180	AC124K					
OC122				AC152V						
OC123	G	P	PH, V, PE	ASY48V	ASY24	2N241				
OC123				ASY77	ASY81					
OC123				ASY48						
OC130	G	P		AC126	AC125	2N2429				
OC139	G	N	MU, PH, V, PE, RA	AC127	ASY73	2N1090		2SC89		
OC139				AF180	AF188					
OC139				SFT269						
OC140	G	N	MU, PH, V, PE, RA	AC127	ASY29	2N1090	2N1306	2SC90		
OC140				ASY74	SFT260					
OC141	G	N	MU, PH, V, PE, RA	AC127	ASY75	2N1090	2N1308	2SC91		
OC141				SFT261						
OC169	G	P	V	AF126	AF127					
OC169				AF185	AF137					
OC170	G	P	MU	AF126	AF136	2N370	2N1110			
OC170				AF185	AF124					
OC170				AF125	AF133					
OC171	G	P	MU	AF124	AF125	2N2495				
OC171				AF134	AF136					
OC171				AF178						
OC171M	G	P		AF124	AF125	2N299				
OC171M				AF134	AF131					
OC171M				AF135						
OC171V	G	P		AF124	AF134	2N346	2N384	2SA235		
OC171V				AF114	AF130					
OC171V				AF135						
OC200	S	P	MU, PH, PE	(BC178A)	BC177V	MPS6517	2N328	2SA565		
OC200				BC308VI	BC261					
OC200				BCZ12	BC204					
OC200				BC210						
OC201	S	P	MU, PH, PE	(BC178A)	BC177V	MPS6517		2SA565		
OC201				BC308VI	BC261					
OC201				BC213	BC205					
OC201				BC162						
OC202	S	P	MU, PH, PE	(BC178A)	BSZ11					
OC203	S	P	MU, PH, PE	(BCY77VII)	BCZ12					
OC204	S	P	MU, PH, PE	(BCY79VII)	BSY10					
OC205	S	P	MU, PH, PE	(BCY77VII)	BCY11					

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
OC205				8CY12						
OC206	S	P	MU, PH, PE	(8CY79VII)	8CY12					
OC207	S	P	MU, PH	(8CY79VII)						
OC300	G	P		AC128	AC153					
OC302	G	P		AC128	AC128	2N2429				
OC302				AC153						
OC303	G	P	IN	AC151V	AC125	2N266		2SB75		
OC303				AC122	AC163					
OC303				AC132						
OC304	G	P	IN	AC151	AC132			2SB219		
OC304				OC72	OC604					
OC304/1	G	P	IN	AC151V	AC122	2N220		2SB77		
OC304/1				AC125	AC132			2S39		
OC304/1				AC163						
OC304/2	G	P	IN	AC151V	AC125	2N238		2SB77A		
OC304/2				AC123	AC163			2SB101		
OC304/3	G	P	IN	AC151V	AC151VI	2N266		2SB77B		
OC304/3				AC125	AC128			2SB219		
OC304/3				AC163						
OC305	G	P	IN	AC151	GFT22/15					
OC305				SFT3538A						
OC305N	G	P		AC125						
OC305/1	G	P	IN	AC151VI	AC126			2SB77		
OC305/1				AC122	AC128					
OC305/1				AC151VI						
OC305/2	G	P	IN	AC151VII	AC125R			2SB77A		
OC305/2				AC126						
OC306	G	P	IN	AC151r	AC125					
OC306				AC150	AC151					
OC306/1	G	P	IN	AC151rIV	AC150	2N191		2SB73		
OC306/1				AC125R	AC162					
OC306/2	G	P	IN	AC151rV	AC151rVI	2N191		2SB73A		
OC306/2				AC125R	AC151			2SB220		
OC306/2				AC162						
OC306/3	G	P		AC151rV	AC151VI	2N191		2SB73B		
OC306/3				AC125R	AC128			2SB220		
OC306/3				AC150						
OC307	G	P	IN	AC152	ASY76	2N44		2SB37		
OC307				AC131	AC151V					
OC307/1	G	P	IN	AC152IV	ASY76					
OC307/1				AC132						
OC307/2	G	P	IN	AC152V	ASY80					
OC307/2				AC132	SFT323					
OC307/3	G	P	IN	AC151V	AC131	2N280		2SB156A		
OC308				ASY76	AC132			2SB33		
OC308				AC152	AC153					
OC309	G	P	IN	ASY48	ASY48IV					
OC309				ASY24	ASY77					
OC309				ASZ10						
OC309/1	G	P	IN	ASY48IV	ASY77	2N1924				
OC309/1				AC128	ACY24K					
OC309/2	G	P	IN	ASY48IV	ASY77	2N1925				
OC309/2				AC128	ACY24K					
OC309/3	G	P	IN	ASY48V	ASY80	2N1926				
OC309/3				AC128						
OC318	G	P		AC128	AC121IV	2N2431	2N227	2SB226		
OC318				AC121V	AC120					
OC320	G	P	NU	(AC151)	OC58					
OC320				OC57	OC66					
OC330	G	P	NU	(AC151IV)	OC58					
OC330				OC65	OC622					
OC330	G	P	IN	(AC151IV)	OC58					
OC330				OC65	OC622					
OC331	G	P	IN	(AC151IV)	OC58					
OC331				AC129r	OC57					
OC340	G	P	IN	(AC151V)	OC58					
OC340				OC57	OC624					
OC341	G	P	IN	(AC151V)	OC57					
OC341				OC68	AC129ye					
OC342	G	P	IN	(AC151VI)	OC58					
OC342				OC69	OC624ye					
OC343	G	P	IN	(AC151VII)	OC59					
OC343				OC60	AC129b					

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
OC350	G	P	IN	(AC151VII)	OC59			
OC350				OC60	AC126			
OC350				OC75				
OC351	G	P	IN	(AC151VII)	OC59			
OC351				OC60				
OC360	G	P	IN	(AC151V)	OC58			
OC360				OC65	OC623			
OC361	G	P	IN	(AC151V)	OC58			
OC362	G	P	IN	(AC151VI)	OC58			
OC362				OC59				
OC363	G	P	IN	(AC151VI)	OC58			
OC363				OC60				
OC364	G	P	IN	(AC151V)	AC150			
OC364				AC182				
OC390	G	P	IN	(AC151V)	AF185	2N409		2SA31
OC390				AF116	AF127			
OC400	G	P	IN	(AC151VI)	AF186	2N139		
OC400				AF127	ASY32			
OC410	G	P	IN	(AC151VII)	AF185	2N411		2SA35
OC410				AF126	ASY27			
OC430	S	P	IN	(BC178A)	BC178IV			
OC430				BSY40	BC231B			
OC430				BCY33	BCY34			
OC430				BC211				
OC430K	S	P	IN	(BC178A)	BC178VI			
OC430K				BC211				
OC440	S	P	IN	(BC178A)	BCY33	MPS6518		2SA565
OC440				BC177	BC262			
OC440				BC213	BC205			
OC440				BCY34				
OC440K	S	P	IN	(BC177A)	BC177VI			
OC443	S	P	IN	(BC178A)	BC178VI	MPS6518		2SA565
OC443				BC262	BC213			
OC443				BC205	BCY29			
OC443				BCY33				
OC443K	S	P	IN	(BC177A)	BC177VI			
OC443K				BCY27	BCY29			
OC443K				BCZ10				
OC445	S	P	IN	(BC177A)	BC177VI	MPS6518		2SA565
OC445				BC262	BC213			
OC445				BC205	BCY19			
OC445				BCY30				
OC445K	S	P	IN	(BC177A)	BC177VI			
OC445K				BCY19	BCZ12			
OC449	S	P	IN	(BC177A)	BC177VI	MPS6518		2SA565
OC449				BC262	BC213			
OC449				BCY29	BCZ12			
OC449K	S	P	IN	(BC178A)	BC178VI			
OC449K				BCZ12	BCY29			
OC450	S	P	IN	(BCY77VII)	BSV68	MPS6518		2SA565
OC450				BC262	BC213			
OC450				BC205	BCZ12			
OC450K	S	P	IN	(BCY77VII)	BCZ12			
OC460	S	P	IN	(BC178A)	BC178VI			
OC460				BC262	BC213			
OC460				BC205	BCY28			
OC460				BCY34				
OC460K	S	P	IN	(BC178A)	BC178VI	MPS6518		2SA565
OC460K				BCY28	BCZ11			
OC463	S	P	IN	(BC178A)	BC178VI	MPS6518		2SA565
OC463				BC262	BC213			
OC463				BC205	BCZ11			
OC463K			IN	(BC178A)	BC178VI			
OC463K				BCY28	BCZ11			
OC465	S	P	IN	(BC178A)	BC178VI	MPS6518		2SA565
OC465				BC262	BC213			
OC465				BCZ11				
OC465K			IN	(BC178A)	BC178VI			
OC465K				BCY28	BCZ11			
OC466	S	P	IN	(BC178A)	BC178VI	MPS6518		2SA565
OC466				BC262	BC213			
OC466				BC205	BCY28			
OC466				BCZ11				
OC466K	S	P	IN	(BC178A)	BC178VI			

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
OC466K				BCY28	8CZ11			
OC467	S	P	IN	(BC178A)	BC178VI	MPS6518		2SA565
OC467				BC262	BC213			
OC467				BC205	BCY28			
OC467K	S	P	IN	(BC178A)	BC178VI			
OC467K				BCY28	8CZ11			
OC468	S	P	IN	(BC178A)	BC178VI	MPS6518		2SA565
OC468				BC262	BC213			
OC468				BC205	BCY18			
OC468K	S	P	IN	(BC178A)	BC178VI			
OC468K				BCY18	8CZ11			
OC469	S	P	IN	(BC177A)	BC177VI	MPS6518		2SA565
OC469				BC262	BC231B			
OC469				BC205	BCY18			
OC469K	S	P	IN	(BC177A)	BCY18			
OC469K				BCZ12	8CZ11			
OC470	S	P	IN	(BC177A)	BC307	MPS6518		2SA565
OC470				BC178VI	BC262			
OC470				BC205	BCY17			
OC470K	S	P	IN	(BC177A)	BCY17			
OC470K				BCZ10	BCZ11			
OC480	S	P		BCY20				
OC480K	S	P		BCY20				
OC601	G	P	TF	(ASY48IV)	AC125	2N2429		
OC601				AC126	OC70			
OC602	G	P		AC122	AC126	2N238		2SB459
OC602				AC151V	SFT351	2N37		
OC602				AC152	AC162			
OC602S	G	P		AC151VI	AC131	2N44		2SB220
OC602S				AC126	AC132			
OC602S				AC152	ACY76			
OC602SP	G	P		AC152VI	AC128			
OC602SP				AC131				
OC603	G	P		AC151rIV	AC125	2N238	2N207B	2SB451
OC603				AC162	AC126	2N2429		2SB32
OC604	G	P		AC126	AC151V	2N2429	2N238	2SB451
OC604				AC151V	AC122	2N34		HJ15
OC604				AC126				
OC604S	G	P		AC131	AC152	2N43		HJ15D
OC604S				AC153				
OC604SP	G	P		AC126	AC128	2N610		2SB32
OC604SP				AC151V	AC152VI			
OC604SP				AC131				
OC610	G	P		AF126				
OC612	G	P		AF185	AF127	2N642	2N111	2SA240
OC612				AFY15	AF137			HJ22D
OC613	G	P		AF185	AF126	2N641	2N113	2SA240
OC613				AFY15	AF137			
OC613				SFT316				
OC614	G	P		AF185	AF125	2N1110	2N370	2SA156
OC614				AF136	AF135			HJ32
OC615	G	P	TF	AF124	AF168	2N2495	2N299	
OC615				AF130	AF134			
OC615				AF178				
OC615V	G	P		AF125	AF178	2N2495	2N1110	2SA76
OC615V				AF132	AF124			
OC615V				AF135				
OC615M	G	P		AF124	AF125	2N346		2SA76
OC615M				AF132	OC615			
OC615M				AF134				
OC622	G	P	TF	(AC151IV)	OC58			
OC622				ASZ23	OC65			
OC622				OC331				
OC623	G	P	TF	(AC161V)	OC58			
OC623				OC59	OC65			
OC623				OC341				
OC624	G	P	TF	(AC151VI)	OC60			
OC624				OC58	OC66			
OC700	S	P	IN	(BC178A)				
OC700A	S	P	IN	(BC178A)				
OC700B	S	P	IN	(BC178A)				
OC701	S	P	IN	(BCY77VII)				
OC702	S	P	IN	(BC178A)				
OC702A	S	P	IN	(BC178A)				
OC702B	S	P	IN	(BC178A)				

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL.	USE
OC704	S	P	IN	(BC178A)				
OC810	G	P		AC125	AC126	2N2429		
OC811	G	P		AC125	AC126	2N2429		
OC8015	G	P		AF178	AC125	2N2495		
OC6016	G	P		AF114				
OD603	G	P	AD149	AD131IV	2N2836	2N2066	2S886	
OD603			AD138/50	T13029	2N68			
OD603			OD30					
OD603/50	G	P	AD149	AD131	2N2836		2S8471	
OD603/50			AD138/50	T13029				
OD603/50			OC26					
OD604	G	P	AD149	OC30	2N2836			
OD605	G	P	AD149	OC26	2N2837	2N2836		
OD650	G	P	AD133	AD138				
OD650			ADZ11					
OD651	G	P	AD133	AD138				
OD651			ADZ11					
OD651A	G	P	AD133	AD138				
OD651A			ADZ11					
OP400	P				LS400			
OP420	P				LS400			
OP563	P				TIL63			
OP564	P				TIL64			
OP565	P				TIL65			
OP566	P				TIL66			
OP567	P				TIL67			
OP568	P				TIL63			
OP569	P				TIL64			
OP570	P				TIL65			
OP571	P				TIL66			
OP572	P				TIL67			
OP600	P				LS600			
OP601	P				TIL601			
OP602	P				TIL602			
OP603	P				TIL603			
OP604	P				TIL604			
OP605	P				TIL604*			
OP606	P				TIL603			
OP607	P				TIL601			
OP608	P				TIL602			
OP611	P				TIL601			
OP612	P				TIL602			
OP613	P				TIL603			
OP614	P				TIL604			
OP620	P				TIL601			
OP621	P				TIL601			
OP622	P				TIL602			
OP623	P				TIL603			
OP624	P				TIL604			
OP630	P				LS600*			
OP631	P				LS600*			
OP632	P				LS600*			
OP633	P				LS600*			
OP634	P				LS600*			
OP700	P				TIL612			
OX3003	G	P		AC126	2N2429			
OX3004	G	P		AC128	2N2431			
OX4001	G	P		AF186				
P1003	J	P			2N5265	2N5266		
P1004	J	P			2N5267	2N5268		
P1005	J	P			2N5269	2N5270		
P1027	J	TI			2N5266	2N3329		
P1028	J	TI			2N5268	2N3331		
P1029	J	TI			2N5270	2N3331		
P1069E	J	TI			MPPF970	P1117E		
P1086E	J	P	IL, NS, TI		MPPF970	2N5018		
P1087E	J	P	IL, NS, TI		MPPF970	2N5019		
P1117E	J	P			MPPF970	P1069E		
P1118E	J	P			MPPF971	2N2609		
P1119E	J	P			MPPF971	2N5033		
PADT23	G	P		AF186				
PADT24	G	P		AF178	2N2495			
PADT25	G	P		AF178	2N2495			
PADT28	G	P		AF178	2N2495			
PADT30	G	P		AF178	2N2495			

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
PADT31	G	P		AF178	2N2495			
PBC107	S	N	Ss, ML	8C237				
PBC108	S	N	Ss, ML	8C238				
PBC109	S	N	Ss, ML	8C239				
PE3100	S	N	F		PE5031			
PE4001-18	S	N	F		SE4001			
PE4002-18	S	N	F		SE4002			
PE4010-18	S	N	F		SE4010			
PE4030B	S	N	F		MPS6539	SE5032		
PE5010	S	N	F	(BF198)	MPSH32			
PE5013	S	N	F	(BF198)	2N3688			
PE5015	S	N	F	(BF198)	SE5006			
PE5025	S	N	F	(BF241)	SE6035			
PE5029	S	N	F	(BF198)	2N3688			
PE5030B	S	N	F	(BF198)	MPS6540	SE5030B		
PE5030B	S	N	F		MPS6542	MPS6567		
PE5031	S	N	F	(BF198)	SE5035			
PE6020	S	N	F	(8SX46-16)				
PE6020-5	S	N	F		SE6020			
PE6021	S	N	F	(8SX47-10)				
PE6021-5	S	N	F		SE6021			
PET1001	S	N			MPS3693	MPS3694		
PET1001	S	N			SE1001			
PET1002	S	N			MPS6393	MPS3694		
PET1002	S	N			SE1002			
PET1075	S	N			2N5830			
PET1075A	S	N			2N5831			
PET2001	S	N			MPS3693	MPS3694		
PET2001	S	N			SE2001			
PET2002	S	N			MPS3693	MPS3694		
PET2002	S	N			SE2002			
PET3001	S	N			2N5770	SE3001		
PET3002	S	N			2N5770	SE3002		
PET3702	S	P			MPS3638A	2N3638A		
PET3703	S	P			MPS3638	2N3638		
PET3704	S	N			2N4401	2N3566		
PET3705	S	N			2N4400	SE6001		
PET3706	S	N			2N4401	2N3566		
PET3903	S	N			2N3903	EN3903		
PET3904	S	N			2N3904	EN3904		
PET3905	S	P			2N3905	EN3905		
PET3906	S	P			2N3906	EN3906		
PET4001	S	N			2N5961	SE4001		
PET4002	S	N			2N5961	SE4002		
PET4003	S	N			2N5961	SE4002		
PET4058	S	P			2N5086	2N4248		
PET4058	S	P			2N5087	2N4250		
PET4059	S	P	PC		2N5086	2N4248		
PET4059	S	P			2N5087	2N4250		
PET4060	S	P	PC		2N5086	2N4248		
PET4061	S	P	PC		2N5088	2N4248		
PET4062	S	P	PC		2N5086	2N4248		
PET4062	S	P			2N5087	2N4250		
PET4123	S	N	PC		2N4123	EN4123		
PET4124	S	N	PC		2N4124	EN4124		
PET4125	S	P	PC		2N4125	EN4125		
PET4126	S	P	PC		2N4126	EN4126		
PET8001	S	N	PC		2N4400	SE6001		
PET8002	S	N	PC		2N4401	SE6002		
PET8000	S	N	PC		2N5961	SE4001		
PET8001	S	N	PC		2N5961	2N3565		
PET8002	S	N	PC		2N5961	2N3565		
PET8003	S	N	PC		2N5961	SE4010		
PET8004	S	N	PC		2N5961	SE4010		
PET8005	S	N	PC		2N3903	2N3691		
PET8005A	S	N	PC		2N3903	2N3691		
PET8006	S	N	PC		2N3903	2N3691		
PET8006A	S	N	PC		2N3904	2N3692		
PET8006A	S	N	PC		2N3903	2N3691		
PET8006A	S	N	PC		2N3904	2N3692		
PET8007	S	N	PC		2N3904	2N3692		
PET8007A	S	N	PC		2N3903	2N3691		
PET8101	S	N	PC		2N5770	2N3563		
PET8200	S	N	PC		2N4123	EN4123		
PET8201	S	N	PC		2N4123	EN4123		

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
PET8202	S	N	PC		2N4124	EN4124		
PET8203	S	N	PC		2N4124	EN4124		
PET8204	S	N	PC		2N4124	EN4124		
PET8250	S	N	A		2N4400	SE6001		
PET8251	S	N	PC		2N4401	SE6002		
PET8300	S	P	PC		2N5086	2N4248		
PET8301	S	P	PC		2N5086	2N4248		
PET8302	S	P	PC		2N5087	2N4250		
PET8303	S	P	PC		2N5771	2N4258		
PET8304	S	P	PC		2N5086	2N4248		
PET8350	S	P	PC		MPS3638	2N3638		
PET8351	S	P	PC		MPS3638A	2N3638A		
PET8352	S	P	PC		MPS3638	2N3638		
PET8353	S	P	PC		MPS3638A	2N3638A		
PET9001	S	N	PC		2N5772	2N4275		
PET9001A	S	N	PC		2N5772	2N4275		
PET9002	S	N	PC		2N5772	2N4274		
PET9002A	S	N	PC		2N5772	2N4274		
PET9021	S	N	PC		2N5772	2N4275		
PET9022	S	N	PC		2N5772	2N4272		
PF510	J	P			2N5018			
PF511	J	P			2N5018			
PN918-18	S	N	NS		SE3002			
PN1613	S	N	F	(8SX45-6)				
PN1711	S	N	F	(8SX45-16)				
PN1893	S	N	F	(8SX47-6)				
PN2218	S	N	F	BCX73-16				
PN2218A	S	N	F	BCX74-16				
PN2219	S	N	F	BCX73-16				
PN2219A	S	N	F	BCX74-16				
PN2221	S	N	F	8CX73-16				
PN2222	S	N	F	8CX73-16				
PN2222A	S	N	F	8CX74-16				
PN2484	S	N	F	(8C4148)				
PN2484-18	S	N	F		EN2484			
PN2904	S	P	F	8CX76-16				
PN2904A	S	P	F	(8CX76-16)				
PN2905	S	P	F	8CX76-16				
PN2905A	S	P	F	(8CX76-16)				
PN2906	S	P	F	8CX76-16				
PN2906A	S	P	F	(8CX76-16)				
PN2907	S	P	F	8CX76-16				
PN2907A	S	P	F	(8CX76-16)				
PN3250	S	P	F	8CX79VII				
PN3250A	S	P	F	(8CY79VII)				
PN3251	S	P	F	8CX79VII				
PN3251A	S	P	F	8CX79VII				
PN3563-18	S	N	F		2N3563			
PN3565	S	N	F	(8C4138)				
PN3565-18	S	N	F		2N3565			
PN3566	S	N	F	(8C2378)				
PN3566-5	S	N	F		2N3566		2N3638A	
PN3567	S	N	F	(8SX45-6)				
PN3567-5	S	N	F		2N3567		MPS4354	
PN3568	S	N	F	(8SX46-6)				
PN3568-6	S	N	F		2N3568		MPS4354	
PN3569	S	N	F	(8SX45-10)				
PN3569-6	S	N	F		2N3569		MPS4355	
PN3639-18	S	P	F		2N3639			
PN3640-18	S	P	F		2N3640			
PN3641	S	N	F	(8CX73-16)				
PN3641-5	S	N	F		2N3641		MPS3638	
PN3642	S	N	F	(8CX74-16)				
PN3642-5	S	N	F		2N3642		PN3644	
PN3643	S	N	F	(8CX73-16)				
PN3643-5	S	N	F		2N3643		MPS3638A	
PN3644	S	P	F	(8CX76-16)				
PN3644-6	S	P	F		2N3644		PN3569	
PN3645	S	P	F	(8CX76-16)				
PN3645-6	S	P	F		2N3645		SE6020	
PN3688	S	N	F	(8F241)				
PN3689	S	N	F	(8F241)				
PN3690	S	N	F	(8F241)				
PN3692-18	S	N	F		EN3692			
PN4248	S	P	F	8C416C				

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
PN4248-18	S	P	F		2N4248			
PN4249	S	P	F	(BC4168)				
PN4249-18	S	P	F		2N4249			
PN4250	S	P	F	BC416C				
PN4250A	S	P	F	(BC416C)				
PN4250-18	S	P	F		2N4250			
PN4250A-18	S	P	F		2N4250A			
PN4258-18	S	P	F		2N4257	2N4258		
PN4258A-18	S	P	F		2N4258A			
PN4274-18	S	P	F		2N4274			
PN4275-18	S	N	F		2N4275			
PN4355-5	S	P	F		2N4355			
PN4356-5	S	P	F		2N4356			
PN4916	S	P	F	(BC415A)				
PN4917	S	P	F	(BC4158)				
PN5126	S	N	F	(BF198)				
PN5128	S	N	F	(BSX48)				
PN5128-18	S	N	F		2N5128			
PN5129	S	N	F	(BSX48)				
PN5130	S	N	F	(BFX89)				
PN5130-18	S	N	F		2N5130			
PN5131	S	N	F	(BC413B)				
PN5132	S	N	F	(BC413B)				
PN5133	S	N	F	(BC413C)				
PN5133-18	S	N	F		2N5133			
PN5134	S	N	F	(BSY17)				
PN5134-18	S	N	F		2N5134			
PN5135	S	N	F	BC337-25				
PN5135-5	S	N	F		2N5135			
PN5136	S	N	F	BC338-16				
PN5136-5	S	N	F		2N5136			
PN5137	S	N	F	BC338-16				
PN5138	S	N	F	(BC413C)				
PN5138-18	S	P	F		2N5138			
PN5139	S	P	F					
PN5142	S	P	F	(BCX75-16)				
PN5142-5	S	P	F		2N5142			
PN5143	S	P	F	(BCX75-16)				
PN5855	S	P	F	(BSV16-16)				
PN5856	S	N	F	(BSX46-16)				
PN5857	S	P	F	(BSV17-10)				
PN5858	S	N	F	(BSX47-10)				
PN5910-18	S	P	F		2N5910			
PN5964	S	N	F	(BF457)				
PN5965	S	N	F	(BF458)				
PT200	M	N			MFE3004			
PT201	M	N			MFE3004			
PT320	M	P			MFE3003			
PT904L	P				TIL65*			
PT4416	G	P		OC16				
Q6	G	P		AC128	2N2431			
Q7	G	P		AC128	2N2431			
Q8	G	P		AC128	2N2431			
QS100	P				TIL63*			
QS101	P				TIL64*			
QS102	P				TIL65*			
QS103	P				TIL66*			
QS104	P				TIL67*			
QS105	P				TIL64*			
QS106	P				TIL67*			
QS107	P				TIL65*			
QS200	P				TIL614*			
QS201	P				TIL615*			
QS202	P				TIL613*			
QS203	P				TIL615*			
QS204	P				TIL614			
QS205	P				TIL615			
QS230	P				TIL614			
QS400	P				LS400			
QS401	P				LS400*			
QS402	P				LS400*			
QS403	P				LS400*			
QS404	P				LS400*			
QS600	P				LS800			
QS601	P				TIL601			

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
QS602	P				TIL602			
QS603	P				TIL603			
QS604	P				TIL604			
QS605	P				TIL604*			
RCA1A01	S	N	RC		2N5320			06
RCA1A02	S	P	RC		2N5322			06
RCA1A03	S	P	RC		2N5338		RCA1A04	06
RCA1A05	S	N	RC		2N6322		RCA1A06	06
RCA1A06	S	N	RC		2N5320		RCA1A05	06
RCA1A07	S	N	RC		2N5321		RCA1A08	06
RCA1A08	S	P	RC		2N5323		RCA1A07	06
RCA1A09	S	N	RC		2N3439		RCA1A10	06
RCA1A10	S	P	RC		FT6416		RCA1A09	06
RCA1A11	S	N	RC		2N3439			06
RCA1A15	S	N	RC		2N3440		RCA1A16	06
RCA1A16	S	P	RC		FT6416		RCA1A15	06
RCA1A17	S	N	RC					06
RCA1A18	S	N	RC				RCA1A19	06
RCA1A19	S	P	RC				RCA1A18	06
RCA1B01	S	N	RC		2N5322			06
RCA1B04	S	N	RC		2N5629			06
RCA1B05	S	N	RC		FT410			06
RCA1B06	S	N	RC		2N6250			06
RCA1B07	S	N	RC		FT410			06
RCA1C05	S	N	RC		SE9305		RCA1C06	06
RCA1C06	S	P	RC				RCA1C05	06
RCA1C07	S	N	RC		2N6131		RCA1C08	06
RCA1C08	S	P	RC		2N6134		RCA1C07	06
RCA1C09	S	N	RC		FT3055			06
RCA1C10	S	N	RC		2N6129		RCA1C11	06
RCA1C11	S	P	RC					06
RCA1C14	S	N	RC		2N6132		RCA1C10	06
RCA29	S	N	RC		2N6130			06
RCA29A	S	N	RC		TIP29		RCA30	06
RCA29B	S	N	RC		TIP29A		RCA30A	06
RCA29C	S	N	RC		TIP29B		RCA30B	06
RCA30	S	P	RC		TIP29C		RCA30C	06
RCA30A	S	P	RC		TIP30		RCA29	06
RCA30B	S	P	RC		TIP30A		RCA29A	06
RCA30C	S	P	RC		TIP30B		RCA29B	06
RCA31	S	N	RC		TIP30C		RCA29C	06
RCA31A	S	N	RC		TIP31		RCA32	06
RCA31B	S	N	RC		TIP31A		RCA32A	06
RCA31C	S	N	RC		TIP31B		RCA32B	06
RCA32	S	P	RC		TIP31C		RCA32C	06
RCA32A	S	P	RC		TIP32		RCA31	06
RCA32B	S	P	RC		TIP32A		RCA31A	06
RCA32C	S	P	RC		TIP32B		RCA31B	06
RCA41	S	N	RC		TIP32C		RCA31C	06
RCA41A	S	N	RC		TIP41		RCA42	06
RCA41B	S	N	RC		TIP41A		RCA42A	06
RCA41C	S	N	RC		TIP41B		RCA42B	06
RCA42	S	P	RC		TIP41C		RCA42C	06
RCA42A	S	P	RC		TIP42		RCA41	06
RCA42B	S	P	RC		TIP42A		RCA41A	06
RCA42C	S	P	RC		TIP42B		RCA41B	06
RCA120	SD	N	RC		TIP42C		RCA41C	06
RCA121	SD	N	RC		TIP120		TIP125	06
RCA125	SD	P	RC		TIP121		RCA126	06
RCA126	SD	P	RC		TIP126		RCA120	06
RCA410	S	N	RC				RCA121	06
RCA411	S	N	RC		FT410			06
RCA413	S	N	RC		FT411			06
RCA423	S	N	RC		FT413			06
RCA431	S	N	RC		FT423			06
RCA1000	SD	N	RC		FT431			06
RCA1001	SD	N	RC		SE9303			06
RCA3054	S	N	RC		SE9304			06
RCA3055	S	N	RC		FT3055			06
RCA8203A	SD	P	RC		SE9400			06
RCA8203B	SD	P	RC		SE9401			06
RF1	G	P		AF185				
RR34Z	G	P		OC58				
RR83	G	P		AC126	2N2429			
RR87	G	P		AC126	2N2429			

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
RR117	G	P		AC126	2N2429			
RR160	G	P		AF185				
RR161	G	P		AF185				
RR162	G	P		AF185				
RRJ14	G	P		AC126	2N2429			
RRJ20	G	P		AC126	2N2429			
RRJ34	G	P		AC126	2N2429			
RRJZ14	G	P		OC58				
RRJZ20	G	P		OC58				
RRJZ34	G	P		OC58				
RRJZ38	G	P		OC58				
S40251	S	N			40251			
S40309	S	N			40309			
S40310	S	N			40310			
S40311	S	N			40311			
S40312	S	N			40312			
S40314	S	N			40314			
S40315	S	N			40315			
S40316	S	N			40316			
S40317	S	N			40317			
S40319	S	P			40319			
S40320	S	N			40320			
S40321	S	N			40321			
S40323	S	N			40323			
S40324	S	N			40324			
S40325	S	N			40325			
S40326	S	N			40326			
S40327	S	N			40327			
S40360	S	N			40360			
S40361	S	N			40361			
S40362	S	P			40362			
S40363	S	N			40363			
S40364	S	N			40364			
S40406	S	P			40406			
S40407	S	N			40407			
S40408	S	N			40408			
S40411	S	N			40411			
S40537	S	P			40537			
S40538	S	P			40538			
S40539	S	N			40539			
S40544	S	N			40544			
S40594	S	N			40594			
S40595	S	P			40595			
S40611	S	N			40611			
S40616	S	N			40616			
S40634	S	P			40634			
S40635	S	N			40635			
S8100	G	P		AF185				
SC12	G	P		AC126	2N2429			
SC1611	M	P			2N4352			
SC1612	M	P			2N4352			
SC1613	M	P			2N4352			
SC1614	M	P			2N4352			
SCC321	S	N	F		TIP35A			
SCC421	S	P	F		TIP36A			
SCD321	S	N	F		TIP33B			
SCD421	S	P	F		TIP36A			
SCE321	S	N	F		TIP33C			
SCE421	S	P	F		TIP36C			
SD345	S	N			2N2693	TIP29A		
SD345					2N5294	2N6123		
SD445	S	P			TIP30A			
SD1440/1	P				TIL610*			
SD1440/2	P				TIL611*			
SD1440/3	P				TIL612*			
SD1440/4	P				TIL612*			
SD1441/1	P				TIL609*			
SD1441/2	P				TIL610*			
SD1441/3	P				TIL611*			
SD2440/1	P				TIL601			
SD2440/2	P				TIL602			
SD2440/3	P				TIL603			
SD2440/4	P				TIL604			
SD2441/1	P				TIL603*			
SD2441/2	P				TIL604*			

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
SD2441/3	P					TIL804*		
SD3440/1	P					TIL81*		
SD3440/2	P					TIL81*		
SD3440/3	P					TIL81*		
SD3442/1	P					TIL81*		
SD3442/2	P					TIL81*		
SD3442/3	P					TIL81*		
SD5440/1	P					TIL81*		
SD5440/2	P					TIL81*		
SD5440/3	P					TIL81*		
SD5440/4	P					TIL81		
SD5442/1	P					TIL81*		
SD5442/2	P					TIL81*		
SD5442/3	P					TIL81*		
SDA345	S	N			2N6121	2N5295		
SDA345					2N6122	MJE520		
SDA345					TIP31			
SDA445	S	P			2N6124	MJE370		
SDA445					2N6125	MJE371		
SDA445					TIP30			
SD8345	S	N			2N6122	2N5297		
SD8345					2N6123	2N5298		
SD8345					TIP31A			
SD8445	S	P			TIP32A	2N6125		
SD8445					2N6126			
SDC345	S	N			2N4921			
SDC445	S	P			2N4918			
SDD345	S	N			2N4922			
SDD445	S	P			2N4919			
SDC345	S	N			2N4923			
SDE445	S	P			2N4920			
SDF345	S	N			2N5190			
SDF445	S	P			2N5193			
SDG345	S	N			2N5191			
SDG445	S	P			2N5194			
SDH345	S	N			2N5192			
SDH445	S	P			2N5195			
SDI345	S	N	F		2N6121	40622		
SDI345					2N6290	40618		
SDI345					TIP41	40621		
SDI445	S	P	F		2N6124	TIP42		
SDI445					2N6109			
SDJ345	S	N	F		2N5290	TIP41		
SDJ445	S	P	F		2N6109	TIP42		
SDK345	S	N	F		40624	40627		
SDK345					2N6121	TIP41		
SDK345					2N6290			
SDK445	S	P	F		2N6124	TIP42		
SDK445					2N6109			
SDL345	S	N	F		2N6122	TIP41A		
SDL345					2N6292			
SDL445	S	P	F		2N6125	TIP42A		
SDL445					2N6107			
SDM345	S	N	F		2N6121	TIP41		
SDM445	S	P	F		2N6124	TIP42		
SDN345	S	N	F		2N6122	TIP41A		
SDN445	S	P	F		2N6125	TIP42A		
SDO345	S	N	F		2N6123	TIP41B		
SDO445	S	P	F		2N6126	TIP42B		
SDP345	S	N	F		TIP41C			
SDP445	S	P	F		TIP42C			
SDT402	S	N	SD		TIP54			
SDT410	S	N	SD		RCA410	TIP51		
SDT411	S	N	SD		RCA411	TIP52		
SDT413	S	N	SD		RCA413			
SDT423	S	N	SD		RCA423	TIP54		
SDT431	S	N	SD		RCA431			
SDT1050	S	N	SD		FT410			
SDT1051	S	N	SD		FT413			
SDT1055	S	N	SD		2N5838			
SDT1056	S	N	SD		FT423			
SDT1060	S	N	SD		2N5838			
SDT1061	S	N	SD		FT431			
SDT3509	S	P	P1,SD		TIP32			
SDT3510	S	P	P1,SD		TIP32A			

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
SDT3511	S	P	PI,SD		TIP358			
SDT3512	S	P	PI,SD		TIP32C			
SDT3513	S	P	PI,SD		TIP32			
SDT3514	S	P	PI,SD		TIP32A			
SDT3515	S	P	PI,SD		TIP32B			
SDT3516	S	P	PI,SD		TIP32C			
SDT3550	S	P	SD		2N4235	2N5781		
SDT3551	S	P	SD		2N4236			
SDT3552	S	P	SD		2N4234	2N5783		
SDT3553	S	P	SD		2N4235	2N6781		
SDT3554	S	P	SD		2N4236			
SDT3575	S	P	SD		2N5956	TIP30		
SDT3576	S	P	SD		2N4899	2N6955		
SDT3576	S	P	SD		TIP30A			
SDT3577	S	P	SD		2N4900	2N5954		
SDT3577	S	P	SD		TIP30B			
SDT3578	S	P	SD		2N4898	TIP30		
SDT3579	S	P	SD		2N4899	TIP30A		
SDT3701	S	P	SD		2N5956	TIP42		
SDT3702	S	P	SD		2N5955	TIP55A		
SDT3703	S	P	SD		2N5956	TIP42		
SDT3704	S	P	SD		2N5955	TIP42A		
SDT3705	S	P	SD		2N5954	TIP42B		
SDT3706	S	P	SD		2N5956	TIP42		
SDT3707	S	P	SD		2N5955	TIP42		
SDT3708	S	P	SD		2N5956	TIP42A		
SDT3709	S	P	SD		2N5956	TIP42		
SDT3710	S	P	SD		2N5955	TIP42		
SDT3711	S	P	SD		2N5955	TIP42A		
SDT3712	S	P	SD		2N5956	TIP42		
SDT3713	S	P	SD		2N5955	TIP42A		
SDT3714	S	P	SD		2N5954	TIP42A		
SDT3715	S	P	SD		2N5956	TIP42		
SDT3716	S	P	SD		2N5956	TIP42		
SDT3717	S	P	SD		2N5955	TIP42A		
SDT3718	S	P	SD		2N5954	TIP42B		
SDT3719	S	P	SD		TIP42C			
SDT3720	S	P	SD		2N5956	TIP42		
SDT3721	S	P	SD		2N5956	TIP42		
SDT3722	S	P	SD		2N5955	TIP42A		
SDT3723	S	P	SD		2N5954	TIP42B		
SDT3724	S	P	SD		TIP42C			
SDT3725	S	P	SD		2N5956	TIP42		
SDT3726	S	P	SD		2N5956	TIP42		
SDT3727	S	P	SD		2N5955	TIP42A		
SDT3728	S	P	SD		2N6954	TIP42B		
SDT3729	S	P	SD		2N5956	TIP42		
SDT3730	S	P	SD		2N5955	TIP42A		
SDT3731	S	P	SD		2N5954	TIP42A		
SDT3732	S	P	SD		TIP42C			
SDT3733	S	P	SD		2N5956	TIP42		
SDT3750	S	P	SD		2N4904	2N6246		
SDT3750	S	P	SD		TIP34			
SDT3751	S	P	SD		2N4905	2N6246		
SDT3751	S	P	SD		TIP34A			
SDT3752	S	P	SD		2N4901	2N6246		
SDT3752	S	P	SD		TIP34			
SDT3753	S	P	SD		2N4902	2N6246		
SDT3753	S	P	SD		TIP34A			
SDT3754	S	P	SD		2N4903	2N6247		
SDT3754	S	P	SD		TIP34B			
SDT3755	S	P	SD		2N6248	TIP34C		
SDT3756	S	P	SD		2N4904	2N6246		
SDT3756	S	P	SD		TIP34			
SDT3757	S	P	SD		2N4904	2N6246		
SDT3757	S	P	SD		TIP34			
SDT3758	S	P	SD		2N4905	2N6246		
SDT3758	S	P	SD		TIP34A			
SDT3759	S	P	SD		2N4906	2N6247		
SDT3759	S	P	SD		TIP34B			
SDT3760	S	P	SD		2N6248	TIP34C		
SDT3761	S	P	SD		2N4904	2N6246		
SDT3761	S	P	SD		TIP34			
SDT3762	S	P	SD		2N4904	2N6246		
SDT3762	S	P	SD		TIP34			

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
SDT3763	S	P	SD		2N4905	2N6246		
SDT3763					TIP34A			
SDT3764	S	P	SD		2N4906	2N6247		
SDT3764					TIP34B			
SDT3765	S	P	SD		2N6248	TIP34C		
SDT3766	S	P	SD		2N4904	2N6246		
SDT3766					TIP34			
SDT3825	S	P	SD		2N6246	TIP34		
SDT3826	S	P	SD		2N5880	2N6247		
SDT3826					TIP34B			
SDT3827	S	P	SD		2N6246	TIP34		
SDT3875	S	P	SD		2N4398	TIP36		
SDT3876	S	P	SD		2N5884	TIP36A		
SDT3877	S	P	SD		2N4398	TIP36		
SDT4301	S	N	PI,SD		2N4237			
SDT4302	S	N	PI,SD		2N4238			
SDT4303	S	N	PI,SD		2N4239			
SDT4304	S	N	PI,SD		2N5321			
SDT4305	S	N	PI,SD		2N5334			
SDT4306	S	N	PI,SD		2N5335			
SDT4307	S	N	PI,SD		2N5321			
SDT4308	S	N	PI,SD		2N5334			
SDT4309	S	N	PI,SD		2N5335			
SDT4311	S	N	PI,SD		2N5334			
SDT4312	S	N	PI,SD		2N5335			
SDT4901	S	N	KE,SD		2N6078			
SDT4902	S	N	KE,SD		2N6078			
SDT4903	S	N	KE,SD		2N6077			
SDT4904	S	N	KE,SD		2N6077			
SDT4905	S	N	KE,SD		2N6078			
SDT5901	S	N	SD,KE,PI		TIP41			
SDT5902	S	N	KE,SD		TIP41A			
SDT5903	S	N	KE,PI,SD		TIP41B			
SDT5904	S	N	KE,SD,PI		TIP41C			
SDT6901	S	N	KE,SD		2N6078			
SDT6902	S	N	KE,SD		2N6078			
SDT6903	S	N	KE,SD		2N6078			
SDT6904	S	N	KE,SD		2N6078			
SDT6905	S	N	KE,SD		2N6078			
SDT6906	S	N	KE,SD		2N6078			
SDT6907	S	N	KE,SD		2N6078			
SDT6908	S	N	KE,SD		2N6078			
SDT7601	S	N	KE,SD,PI		2N5039	TIP33		
SDT7602	S	N	KE,SD,PI		2N5039	TIP33A		
SDT7603	S	N	KE,SD,PI		2N5038	TIP33B		
SDT7604	S	N	KE,SD,PI		2N6249			
SDT7605	S	N	KE,SD,PI		2N6249			
SDT7607	S	N	KE,SD,PI		2N5039	TIP33		
SDT7608	S	N	KE,SD,PI		2N5039	TIP33A		
SDT7609	S	N	KE,SD,PI		2N5038	TIP33B		
SDT7610	S	N	KE,SD,PI		2N6249			
SDT7611	S	N	KE,SD,PI		2N6249			
SDT7612	S	N	KE,SD,PI		2N6249			
SDT7731	S	N	SD		2N6254	2N5301		
SDT7732	S	N	SD		2N5881	2N6254		
SDT7732					2N5301			
SDT7733	S	N	SD		2N5882	2N6254		
SDT7733					2N5301			
SDT7734	S	N	SD		2N5629	2N3773		
SDT7734					2N5301			
SDT7735	S	N	SD		2N3773			
SDT7736	S	N	SD		2N6259			
SDT8002	S	N	KE,SD,PI		2N3266			
SDT8003	S	N	KE,SD,PI		2N3265			
SDT8012	S	N	KE,SD,PI		2N3266			
SDT8013	S	N	KE,SD,PI		2N3265			
SDT8016	S	N	KE,SD,PI		2N3266			
SDT8016	S	N	KE,SD,PI		2N3265			
SDT8105	S	N	SD		2N3264			
SDT8106	S	N	SD		2N3263			
SDT8112	S	N	SD		2N3264			
SDT8113	S	N	SD		2N3263			
SDT8301	S	N	KE,SD,PI		2N3266			
SDT8302	S	N	KE,SD,PI		2N3265			
SDT8303	S	N	KE,SD,PI		2N3266			

TYPE	M/S	POI	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
SDT8304	S	N	KE,SD,PI		2N3265			
SDT9201	S	N	PI,SD		2N6569	2N3055		
SDT9201					TIP35			
SDT9202	S	N	PI,SD		2N5882	2N6254		
SDT9202					TIP358			
SDT9203	S	N	PI,SD		2N5629	2N4348		
SDT9203					TIP35C			
SDT9204	S	N	PI,SD		2N5630	2N4348		
SDT9204					2N5301			
SDT9205	S	N	PI,SD		2N6569	2N3055		
SDT9205					TIP35			
SDT9206	S	N	PI,SD		2N3055	TIP35A		
SDT9207	S	N	PI,SD		2N5882	2N6254		
SDT9207					TIP358			
SDT9208	S	N	PI,SD		2N5629	2N4348		
SDT9208					TIP35C			
SDT9209	S	N	PI,SD		2N5630	2N4348		
SDT9209					2N5301			
SDT9210	S	N	PI,SD		2N6253	TIP35		
SDT9701	S	N	PI,SD		2N5303	2N6258		
SDT9702	S	N	PI,SD		2N5629	2N3773		
SDT9703	S	N	PI,SD		2N5630	2N3773		
SDT9704	S	N	PI,SD		2N5886	2N6254		
SDT9705	S	N	PI,SD		2N5629	2N3773		
SDT9706	S	N	PI,SD		2N5630	2N3773		
SDT9707	S	N	PI,SD		2N3055			
SDT9801	S	N			2N6569	2N6254		
SDT9801					TIP35			
SDT9802	S	N			2N3055	2N6254		
SDT9802					TIP35A			
SDT9803	S	N			2N5878	2N6254		
SDT9803					TIP358			
SDT9804	S	N			2N3773	TIP35C		
SDT9901	S	N			2N6569	2N4301		
SDT9902	S	N			2N3055	2N4301		
SDT9903	S	N			2N5878	2N4301		
SDT9903					2N4301			
SE1001	S	N	F,CA,NU,NS	(BF241)	BF173			
SE1001				BF194	BC118			
SE1002	S	N	F,CA,NU,NS	(BF240)	BF194			
SE1002				BF237				
SE1010	S	N	F,NU	BC2398	BF189			
SE1010				BF184	BF194			
SE1010				BF237				
SE2001	S	N	F,NS	(BC4138)		MPS3693	MPS3694	
SE2001								
SE2002	S	N	F	(BC4138)		TIS98		
SE3001	S	N	F,CA,NS	(BFX89)	BF195	2N3692		
SE3001				BFY19	BF194	2N5770	2N3015	
SE3001				BFY88		TIS62		
SE3002	S	N	F,CA,NS	(BFX89)		PN918-18	2N5770	
SE3005	S	N	F	(BFY90)		2N2857		
SE3646	S	N	F			2N3646	2N3009	
SE3646						2N3013		
SE4001	S	N	F,CA,NU,NS	BC182	BC4138	PE4001-18	2N5961	25C458
SE4001				BC107				
SE4002	S	N	F,CA,NU,NS	BC413C	BC237A	TIS94	2N2921	
SE4002						PE4002-18	2N5961	
SE4010	S	N	F,CA,NU,NS	BC413C		TIS97		
SE4010						PE4010-18	2N5961	
SE4020	S	N	F	(BC414C)		TIS97	2N2511	
SE4020						2N5961-18	2N4961	
SE4020						2N5088	2N2586	
SE4021	S	N	F	BC414C		2N3117		
SE4022	S	N	F	(BC413C)		FT107B		
SE4022						FT107A		
SE5001	S	N	F	(BF241)	BF173			25C464
SE5001				BF237				
SE5002	S	N	F,NS	(BF241)	BF162	2N3337		
SE5003	S	N	F	(BF241)	BF162	2N3339		
SE5006	S	N	F	(BF241)	BF162	2N3339		
SE5020	S	N	F,NS	(BF198)		TIS84		
SE5021	S	N	F,NS	(BF198)		TIS108		
SE5022	S	N	F,NS	(BF198)		TIS108		
SE5023	S	N	F,NS	(BF198)		TIS108		
SE5024	S	N	F,NS	(BF198)		TIS108		

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
SE5025	S	N	F	(BF198)	2N3337			
SE5030B	S	N	F		PE5030B			
SE5050	S	N	F,NS	(BF199)	2N3137	SE5016		
SE5051	S	N	F,NS	(BF199)	2N5126			
SE5052	S	N	F,NS		FPS8568			
SE5055	S	N	F,NS	(BF198)				
SE6001	S	N	F,NS	BSX45-10	2N4400	2N4401		
SE6001	S	N	F,NS	BC237A	2N2921		2SC458	
SE6002	S	N	F,NS	BSX45-10	2N5961	2N3565		
SE6002	S	N	F,NS		MPS3392	MPS3393		
SE6020	S	N	F	BSX46-10	PE6020-5	MPSA05	2N3645	
SE6020	S	N	F		MPSA06	2N4960		
SE6020A	S	N	F	BSX46-10	SE6021A			
SE6021	S	N	F	BSX47-10	PE6021-5	2N4961	2N4356	
SE6021	S	N	F		2N3109	2N3110		
SE6021	S	N	F		2N3665			
SE6021A	S	N	F	BSX47-10				
SE6022	S	N	F	(BSX46-10)	2N4962			
SE6023	S	N	F	(BSX47-10)	2N3057A			
SE6063	S	N	F		SE6062			
SE7001	S	N	F	(BF457)	2N5182	TIS100		
SE7002	S	N	F	(BF457)	2N5182	TIS100		
SE7010	S	N	F		2N5182			
SE7015	S	N	F	(BF457)	2N3923	SE7016		
SE7016	S	N	F	(BF457)	SE7017			
SE7017	S	N	F	(BF458)				
SE7055	S	N	F,NS	(BF458)				
SE7056	S	N	F,NS	(BF459)				
SE7057	S	N	F					
SE7066	S	N	F		2N3742			
SE8001	S	N	F	BSX45-6	2N4945	2N2218A	2SC479	
SE8002	S	N	F	BSX45-6	2N4945			
SE8010	S	N	F	BSX46-10	SE8012			
SE8012	S	N	F	BSX46-10	SE8010			
SE8040	S	N	F	BSX45-10	SE8041	SE8042		
SE8041	S	N	F	BSX45-10	SE8040	SE8042		
SE8042	S	N	F	BSX45-10	SE8040	SE8041		
SE8520	S	P	F		SE8510			
SE8521	S	P	F		2N4355			
SE8540	S	P	F	BSV15-10	SE8541	SE8542		
SE8541	S	P	F	BSV15-10	SE8540	SE8542		
SE8542	S	P	F	BSV15-10	SE8541	SE8540		
SE9051	S	N	F	(BUY75)				
SE9052	S	N	F	(BUY76)				
SE9300	S	N	F		MJE800	MJE802		
SE9300	S	N	F		MJE1100	MJE1101		
SE9300	S	N	F		2N6386	2N6387		
SE9300	S	N	F		TIP110	TIP120		
SE9301	S	N	F		MJE801	MJE803		
SE9301	S	N	F		MJE1102	MJE1103		
SE9301	S	N	F		2N6388	TIP111		
SE9301	S	N	F		TIP121			
SE9302	S	N	F		TIP112	TIP122		
SE9303	S	N	F		MJE1000	MJE3000		
SE9303	S	N	F		MJE4000	2N6383		
SE9303	S	N	F		2N6384	2N6055		
SE9303	S	N	F		RCA1000	TIP640		
SE9303	S	N	F		TIP140			
SE9304	S	N	F		MJE1001	MJE3001		
SE9304	S	N	F		MJE4001	2N6385		
SE9304	S	N	F		2N6056	RCA1001		
SE9304	S	N	F		TIP641	TIP141		
SE9305	S	N	F		TIP642	TIP142		
SE93705	S	N	F	BC337				
SFB1087	J	N	F		2N5485			
SFB1091	J	N	F		3N126			
SFB1092	J	N	F		2N5484			
SFT101	G	P	SE	AC126	AC125			
SFT102	G	P	SE	AC126	AC125			
SFT103	G	P	SE	AC126				
SFT105	G	P	SE	AC126		2N2429		
SFT106	G	P	SE	(AC121IV)	AF185			
SFT106	G	P	SE	AF116	AF126			
SFT107	G	P	SE	(AC121IV)	AF185			
SFT107	G	P	SE	AF116	AF126			

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
SFT108	G	P	SE	(AC121V)	AF185					
SFT108				AF115	AF125					
SFT109	G	P	SE	AC126	AC126	2N2429				
SFT111	G	P	SE	AC125						
SFT112	G	P	SE	AC132						
SFT113	G	P	SE	(AD130IV)	AD149	2N2836				
SFT113				OC26						
SFT114	G	P	SE	(AD131IV)	ASZ15					
SFT114				ASZ17						
SFT115	G	P	SE	(AF127)	AF185					
SFT115				AF116	AF126					
SFT116	G	P	SE	AF185	AF115					
SFT116				AF125						
SFT117	G	P	SE	AF178	AF114	2N2495				
SFT117				AF124						
SFT118	G	P	SE	AF178	AF114	2N2495				
SFT118				AF124						
SFT119	G	P	SE	AF185	AF116					
SFT119				AF126						
SFT120	G	P	SE	AF185	AF115					
SFT120				AF125						
SFT121	G	P	SE	(AC152IV)	AC128	2N2431				
SFT121				AC132						
SFT122	G	P	SE	(AC152IV)	AC128	2N2431				
SFT122				AC132						
SFT123	G	P	SE	(AC152IV)	AC128	2N2431				
SFT123				AC132						
SFT124	G	P	NU,SE	AC128	AC153IV	2N2431	2N4106	258370A		
SFT124				AC117	AC131	2N249		258226		
SFT124				AC152						
SFT125	G	P	NU,SE	AC128	AC153VI	2N2431	2N4106	258370A		
SFT125				AC117	AC126	2N223		258222		
SFT125				AC131						
SFT126	G	P	SE	(AC152IV)	ASY26					
SFT126				2G139	2G138					
SFT127	G	P	SE	(AC152IV)	ASY26					
SFT127				2G138	2G139					
SFT128	G	P	SE	(AC152V)	ASY27					
SFT128				2G140	2G141					
SFT130	G	P	NU,SE	AC128	AC151VI	2N2431	2N386	ST172		
SFT130				AC128K	AC117					
SFT131	G	P	NU,SE	AC128	AC128K	2N2431	2N223	258415		
SFT131				AC153VI	AC131					
SFT135	G	P	SE	(AC152IV)						
SFT136	G	P	SE	(AC152IV)						
SFT141	G	P	SE	(ASY48IV)						
SFT142	G	P	SE	(ASY48IV)	AC128					
SFT143	G	P	NU,SE	AC128						
SFT144	G	P	NU,SE	AC128	AC163	2N226		258222		
SFT145	G	P	NU,SE							
SFT146	G	P	NU,SE	AC127	AC128					
SFT150	G	P	SE	(AD132III)	ASZ15					
SFT150				ASZ16						
SFT151	G	P	SE	AC126	AC125	2N2429				
SFT152	G	P	SE	(AC151IV)	AC126	2N2429				
SFT152				AC125						
SFT153	G	P	SE	(AC151V)	AC126					
SFT155	G	P	SE	(AF127)						
SFT162	G	P	NU,SE	AF118		2N2207		25A76		
SFT163	G	P	NU,SE	AF121	AF212					
SFT163				AF200						
SFT170	G	P	SE	AF109R	AF180	2N3588				
SFT171	G	P	SE,NU	AF106	AF102			25A230		
SFT172	G	P	NU,SE	AF106	AF102			25A230		
SFT173	G	P	NU,SE	(AF201U)	AF201			25A239		
SFT173				AF121	AF102					
SFT174	G	P	NU,SE	(AF202S)	AF202			25A239		
SFT174				AF121S	AF121					
SFT174				AF102						
SFT184	G	N	NU,SE	AC127	AC179	2N2430	2N1304	25D96		
SFT186	S	N	NU,SE	(BF457)	BF140					
SFT186				AF178	BF117					
SFT186N	S	N	SE	BF110	BF178			25C856		
SFT186N				BF258						
SFT186P	S	N	SE	(BF457)	BF110					

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
SFT187	S	N	SE,ML,S ₁	(BF457)	BF114			
SFT187				BF110	BF178			
SFT187N	S	N	SE	BF178	BF117	2SC856		
SFT190	G	P	SE	AD132III	AD132	2SB472		
SFT190				AD138/50	ADZ12			
SFT190				AD149				
SFT191	G	P	SE	(AD131III)	AD131	T13029	2SB471	
SFT191				ADZ11	AD149			
SFT191				ASZ18				
SFT192	G	P	SE	AD131IV				
SFT206	G	P	SE	ASY26	ASY14			
SFT207	G	P	SE	ASY26	ASY14			
SFT207				ASY12				
SFT208	G	P	SE	ASY27	ASY14	2N2447	2S13	
SFT208				ASY13				
SFT211	G	P	SE	(AUY22IV)	ASZ18			
SFT212	G	P	NU,SE	AD130III	AD138	T13028	2N83A	2SB242
SFT212				AD149	AD153			
SFT212				ASZ16				
SFT213	G	P	NU,SE	AD131III	AUY28	T13029	2N176	2SB242
SFT213				AD153	AD148	2N257		
SFT213				ASZ16	AD149			
SFT214	G	P	SE,NU	AD131III	AD138/50	T13029		
SFT214				ASZ17	AUY28			
SFT221	G	P	NU,SE	(AC152IV)	ACY23V	2N1303	2N1307	2SB37
SFT221				AC131	AC128			
SFT221				AC153	ASY26			
SFT221				ACY14				
SFT222	G	P	NU,SE	(AC152V)	ACY23V	2N526	2N1303	2SB219
SFT222				AC131	ASY14	2N1307		
SFT222				AC153	ASY26			
SFT223	G	P	NU,ML,S ₁ ,SE	AC152VI	ASY26	2N215		HJ15
SFT223				AC131	ASY14			
SFT223				AC117	AC153			
SFT226	G	P	NU,SE	(ASY48IV)	AF101	2N269	2N1305	2S40
SFT226				GFT45	OC612			
SFT226				ASZ10				
SFT227	G	P	S ₁ ,ML,NU,SE	ASY26	ASY14	2N1307		
SFT227				ASY30	ASZ10			
SFT228	G	P	S ₁ ,ML,NU,SE	ASY27	ASY14	2N3486A	2N1309	
SFT228				ASY30	ASZ10			
SFT229	G	P	NU,ML,S ₁ ,SE	(ASY70VI)	ASY27	2N1309		
SFT229				ASY13				
SFT232	G	P	SE	AC124	AC128	2N176		2SB41
SFT232				AC173	CTP1104			
SFT232				OC30				
SFT234	G	P	S ₁ ,ML,NU,SE	ACY24	ASY48			
SFT237	G	P	NU,SE	(AC162)	ACY32V			
SFT237				AC160	AC160B			
SFT237				ACY32				
SFT238	G	P	NU,SE	AUY21III	AD138	T13029	2N101	2SB242
SFT238				ASZ16	ASZ17			
SFT238				AUY29				
SFT239	G	P	NU,SE	AUY21III	AD138/50	T13029		
SFT239				ASZ16	AUY28			
SFT239g	G	P	SE	ASZ16	ASZ18			
SFT239g				CDT1311				
SFT239go	G	P	SE	AD149	ASZ17	2N352		2SB86
SFT239go				CDT1311				
SFT240	G	P	NU,SE	(AUY22III)	AUY22	T13029		
SFT240				AUY28	ASZ18			
SFT240go	G	P	SE	AD131	ASZ15	2N157A		2SB87
SFT240go				ASZ18				
SFT240o	G	P	SE	AD105	GFT3408	2N268		2SB87
SFT240o				ASZ18				
SFT241	G	P	NU,SE	AC152IV	AC131/30	2N44		2SB224
SFT241				AC128	AC131			
SFT241				ASY48				
SFT242	G	P	NU,SE	(ASY48V)	AC152IV	2N284		2SB89
SFT242				AC131/30	AC161			
SFT242				AC128	ASY48			
SFT243	G	P	NU,SE	(ASY48V)	ASY48IV	2N241	2N24A	2SB89
SFT243				ACY24	AC128			
SFT243				ACZ10				
SFT250	G	P	NU	AD132III	AUY28	T13029	2N268	2SB340

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
SFT250				AUY31	ASY41	2N301		2SB249		
SFT250				ASZ18						
SFT251	G	P	NU,SE	(AC151V)	AC125					
SFT251				ASY26						
SFT252	G	P	NU,SE	(AC151V)	ASY26					
SFT253	G	P	NU,ML,S ₄ ,SE	(AC151V)						
SFT259	G	G	N SE	(AC127)						
SFT260	G	G	N SE	(AC127)	ASY74	2N1090		25C90		
SFT260				OC140						
SFT261	G	N	SE	(AC127)	ASY75	2N1091		25C91		
SFT264	G	P	NU	AD132IV	ADZ11	T13030				
SFT264				AUY28						
SFT265	G	P	NU	AD132III	AD103	2N1146				
SFT265				AD133	ADZ11					
SFT266	G	P	NU	AD132III	AD104	2N1146A				
SFT266				ADZ12	AUY21					
SFT267	G	P	NU	AD105	ADZ12	2N1146B				
SFT267				ADZ11						
SFT268	G	P	SE			2N1100				
SFT268	G	P	NU,ML,S ₄ ,SE	(AC152V)	ASY27	T13030	2N1309			
SFT298	G	P	NU,ML,S ₄ ,SE	(AC152V)	ASY27					
SFT306	G	P	NU	AF185	AC163	2N506	2N218	25B459		
SFT306				AFY15	AF101			25A12		
SFT306				AC126						
SFT307	G	P	NU	AF185	AC1211V	2N409		25A12		
SFT307				AFY15						
SFT307				GF45	AF187					
SFT308	G	P	NU	AF185	AC151	2N112		25A12		
SFT308				AFY15	AF190					
SFT308				OC613	AF101					
SFT315	G	P	NU	AF118	ASZ20	2N2207				
SFT316	G	P	NU,ML,S ₄ ,SE	AF185	AF132	2N247		25A215		
SFT316				AF137	(AF127)					
SFT316bl	G	P	SE	AF126	AF138					
SFT316v	G	P	SE	AF126	AF138					
SFT317	G	P	NU,ML,S ₄ ,SE	(AF126)	AF185	2N1178	2N372	25A81		
SFT317				AF125	AF137					
SFT317				AF135	AF136					
SFT319	G	P	NU,ML,S ₄ ,SE	(AF126)	AF185	2N373		25A82		
SFT319				AF133	AF136					
SFT319bl	G	P	SE	AF126	AF137					
SFT319gn	G	P	SE	AF126	AF137					
SFT320	G	P	NU,ML,S ₄ ,SE	(AF127)	AF185	2N374		25A83		
SFT320				AF200	AF137					
SFT320				AF131	AF135					
SFT320				AF126						
SFT321	G	P	NU,ML,S ₄ ,SE	AC152IV	AC126	2N464	2N1305	25B76		
SFT321				AC128	AC125					
SFT321				AC152III	AC131					
SFT322	G	P	S ₄ ,ML,NU	AC126	AC128	2N464		25B76		
SFT322				AC131	AC152IV					
SFT322				AC125						
SFT323	G	P	NU,ML,S ₄ ,SE	AC152VI	AC126	2N408		25B78		
SFT323				AC128	AC152IV					
SFT323				AC131	AC125					
SFT323				AC132						
SFT325	G	P	NU,SE	AC152VII	AC128					
SFT325				AC131						
SFT335	G	P	SE	AC125						
SFT337	G	P	NU,SE	AC151V	AC126					
SFT337				AC151V	AC151V					
SFT337				AC150	AC160					
SFT351	G	P	NU	AC128	AC151V	2N2429	2N63	25B75		
SFT351				AC125	AC122r					
SFT351				AC131						
SFT352	G	P	NU,ML,S ₄ ,SE	AC151IV	AC126	2N2429	2N591	25B120		
SFT352				AC182	AC122r					
SFT352				AC125	AC131					
SFT352FB	G	P	SE	AC107	AC150					
SFT352FB				OC603						
SFT353	G	P	NU,ML,S ₄ ,SE	AC151V	AC126	2N2429				
SFT353				AC183	AC122yc					
SFT353				AC151	AC125					
SFT353/1	G	P	SE	AC151V	AC151V					
SFT353/2	G	P	SE	AC151V	AC161					

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
SFT353FB	G	P	SE	AC107 OC603	AC190			
SFT353FB	G	P	Ss, ML, NU	AF185	AF125	2N1110	2SA156	
SFT354	G	P	Ss, ML, NU	AF136 AF178	AC132 AF125	2N2495	2N1178	2SA156
SFT357	G	P	NU	AF135 AF118 AF135	AF133 AF125	2N299 2N2207		2SA105
SFT357P	G	P	Ss, ML, NU	AF178 AF134	AF125 AF135	2N2495 2N299	2N1110	2SA156 2SA105
SFT367	G	P	NU, SE	AC153VII AC131	AC153	2N1924		2S8370B
SFT367	G	N	NU, SE	AC176 AC127 (BSX47-6)	AC186			
SFT377	S	N	SE					
SFT443	S	N	SE					
SFT522	G	N	SE	AC127				
SFT522	G	P	SE	AC128	AC132	2N2431		
SFT714	S	N	SE	BC237A				
SFT714A	S	N	SE	BC237A				
SFT715	S	N	SE	BC237B				
SFT715A	S	N	SE	BC237B				
SK3003	G	P	RC	AC126	AC128	2N2429	2N2431	
SK3004	G	P	RC	AC126	AC128	2N2429	2N2431	
SK3005	G	P	RC	AF185				
SK3006	G	P	RC	AF178		2N2495		
SK3007	G	P	RC	AF178		2N2495		
SK3008	G	P	RC	AF185				
SK3009	G	P	RC	AD149		2N2836		
SK3010	G	N	RC	AC127		2N2430		
SK3012	G	P	RC	AD149		2N2836		
SK3013	G	P	RC	AD149				
SK3014	G	P	RC	AD149		2N2836		
SK3015	G	P	RC	AD149				
SO88	G	P		AC128		2N2431		
SP8A	G	P		AC126		2N2429		
SP88	G	P		AC126		2N2429		
SP8C	G	P		AC126		2N2429		
SP8400	S	N	SG	BSX47-10				
SP8401	S	N	SG	BSX46-10				
SP8402	S	N	SG	BSX46-6				
SPC410	S	N	SU			RCA410		
SPC411	S	N	SU			RCA411		
SPC413	S	N	SU			RCA413		
SPC423	S	N	SU			RCA423		
SPC431	S	N	SU			RCA431		
ST5	G	P		AD149 OC30	AD148	2N2836	2N376	
ST5	G	P		AF185	AF117	2N309		
ST28C	G	P		AF127				
ST28C	G	P		AD149	AD131	2N2836	2N301	
ST36	G	P						
ST36	G	P		OC28				
ST37D	G	P		AF185	AF117	2N252		
ST37D	G	P		AF126				
ST121	G	P		AC126	AC125	2N2429	2N47	
ST121	G	P		AC163				
ST122	G	P		AC128	AC117	2N2431	2N43	
ST122	G	P		AC153				
ST123	G	P		AC126	AC122	2N2429	2N65	
ST123	G	P		AC163				
ST124	G	P		AC126	AC125	2N2429		
ST125	G	P		AC126		2N2429		
ST162	G	P		AF101	AF116			
ST162	G	P		OC812				
OC163	G	P		AF101	AF117			
ST163	G	P		OC410				
ST171	G	P		AF185	AF117	2N308		
ST172	G	P		AF185	AC117	2N386		
ST172	G	P		AF126				
ST173	G	P		AF101	AF117			
ST173	G	P		OC813				
ST301	G	P		AC126	AC122	2N2429	2N34	
ST301	G	P		AC163				
ST302	G	P		AC126	AC122	2N2429	2N77	
ST302	G	P		AC183				
ST303	G	P		AC126	AC125	2N2429	2N81	

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
ST303				AC163				
ST722	S	N		ZT22				
ST723	S	N		ZT22				
ST724	S	N		ZT23				
STC1015	S	N		BLY17				
STC1016	S	N		BLY17				
STC1024	S	N		BLY17				
STC1400	S	N		BLY17				
STP140	P				LS400			
STP150	P				LS600			
STP1300	P				TIL81*			
STP1310	P				TIL81*			
STS410	S	N			RCA410			
STS411	S	N			RCA411			
STS413	S	N			RCA413			
STS423	S	N			RCA423			
STS431	S	N			RCA431			
SU2028	J	N	IL		2N3934			
SU2029	J	N	IL		2N5197			
SU2030	J	N	IL		2N3935			
SU2031	J	N	IL		2N5198			
SU2032	J	N	IL		2N5545	2N5197		
SU2033	J	N	IL		2N5545			
SU2034	J	N	IL		2N5547			
SU2035	J	N	IL		2N5547			
SU2074	J	N	TI		2N5545			
SU2075	J	N	TI		2N5545			
SU2076	J	N	TI		2N5545			
SU2077	J	N	TI		2N5547			
SU2078	J	N	TI		2N5547	2N4083		
SU2079	J	N	TI		2N5547	2N4083		
SU2080	J	N	TI		2N5547	2N4085		
SU2081	J	N	TI		2N5547	2N4085		
SU2098	J	N	TI, IL		2N5545			
SU2098A	J	N	TI, IL		2N5545			
SU2098B	J	N	TI, IL		2N5196			
SU2099	J	N	TI, IL		2N5547	2N3955		
SU2099A	J	N	TI, IL		2N5547	2N5198		
SU2365	J	N	TI		2N3954			
SU2365A	J	N	TI		2N5197			
SU2366	J	N	TI		2N3454			
SU2366A	J	N	TI		2N5197			
SU2367	J	N	TI		2N5198			
SU2367A	J	N	TI		2N5198			
SU2368	J	N	TI		2N3955			
SU2368A	J	N	TI		2N5198			
SU2369	J	N	TI		2N5199			
SU2369A	J	N	TI		2N5199			
SU2410	J	N	TI		TD5907			
SU2411	J	N	TI		TD5908			
SU2412	J	N	TI		TD5909			
T34A	G	P		OC65				
T34B	G	P		OC65				
T34C	G	P		OC65				
T34D	G	P		AC128	AC132	2N2431	2N281	
T34D				OC72				
T34E	G	P		AC128	AC132	2N2431	2N281	
T34E				OC72				
T34F	G	P		AC128	AC132	2N2431	2N281	
T34F				OC72				
T65	G	P		AC126		2N2429		
T1040	G	P		AD149	OC26	2N2836		
T1041	G	P		AD149	OC26	2N2836		
T1158	G	P		AC128	AC132	2N2431		
T1360	G	P		AF185	AF126			
T1361	G	P		AF185	AF126			
T1369	G	P		AD149		2N2836		
T1375	G	P		AF185	AF125			
T1376	G	P		AC128		2N2431		
T1377	G	P		AC128		2N2431		
T1390	G	P		AF185	AF126			
T1482	S	N	TX			40311		
T1484	S	N	TX			2N697		
T1492	S	N	TX			40407		
T1493	S	N	TX			2N1613		

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
TIP29B	S	N	TX, F	8D441	8D239B	2N6123	RCA29B	TIP30B
TIP29C	S	N	TX, F	(8D441)	8D239C	2N6123	RCA29C	TIP30C
TIP30	S	P	TX, F	8D438	8D240	8D445	RCA30	TIP29
TIP30				8D132				
TIP30A	S	P	TX, F	8D440	8D240A	8D445	RCA30A	TIP29A
TIP30A				8D138				
TIP30B	S	P	TX, F	8D442	8D240B	RCA30B		TIP29B
TIP30C	S	P	TX, F	(8D442)	8D240C	RCA30C		TIP29C
TIP31	S	N	TX, F	8D437	8D241	8D345	2N6121	TIP32
TIP31				8D131		RCA31		
TIP31A	S	N	TX, F	8D439	8D241A	8D345	2N6122	TIP32A
TIP31A						RCA31A		
TIP31B	S	N	TX, F	8D441	8D241B	2N6123	RCA31B	TIP32B
TIP31C	S	N	TX, F	(8D441)	8D241C	2N6123	RCA31C	TIP32C
TIP32	S	P	TX, F	8D242	8D438	8D445	2N6124	TIP31
TIP32				8D132		RCA32		
TIP32A	S	P	TX, F	8D440	8D242A	8D445	2N6125	TIP31A
TIP32A						RCA32A		
TIP32B	S	P	TX, F	8D442	8D242B	2N6125	RCA32B	TIP31B
TIP32B						2N2126		
TIP32C	S	P	TX, F	(8D442)	8D242C	2N6126	RCA32C	TIP31C
TIP33	S	N	TX	8D245	8D Y38	2N6486	2N6129	TIP34
TIP33A	S	N	TX	8D245A	AM291	2N3715	2N6487	TIP34A
TIP33A				8D X10		2N3055	2N6130	
TIP33B	S	N	TX	8D245B		2N3716	2N6488	TIP34B
TIP33B						2N6131		
TIP33C	S	N	TX	8D245C		2N5629	2N6131	TIP34C
TIP34	S	P	TX	8D246		2N6489	2N6132	TIP33
TIP34A	S	P	TX	8D246A		2N3791	2N6490	TIP33A
TIP34A						2N6133		
TIP34B	S	P	TX	8D246B		2N3792	2N6491	TIP33B
TIP34B						2N6134		
TIP34C	S	P	TX	8D246C		2N6020	2N6134	TIP33C
TIP35	S	N	TX	8D249		2N5301		TIP36
TIP35A	S	N	TX	8D249A		2N5302		TIP36A
TIP35B	S	N	TX	8D249B		2N5303		TIP36B
TIP35C	S	N	TX	8D249C				TIP36C
TIP36	S	P	TX	8D250		2N4398		TIP35
TIP36A	S	P	TX	8D250A		2N4399		TIP35A
TIP36B	S	P	TX	8D250B		MS4502		TIP35B
TIP36C	S	P	TX	8D250C				TIP35C
TIP41	S	N	TX, F	(8D437)	8D243	2N6129	2N6121	TIP42
TIP41						RCA41		
TIP41A	S	N	TX, F	(8D439)	8D243A	2N6130	2N6122	TIP42A
TIP41A						RCA41A		
TIP41B	S	N	TX, F	(8D441)	8D243B	2N6131	2N6123	TIP42B
TIP41B						RCA41B		
TIP41C	S	N	TX, F	(8D441)	8D243C	2N6123	2N6131	TIP42C
TIP41C						RCA41C		
TIP42	S	P	TX, F	(8D438)	8D244	2N6132	2N6124	TIP41
TIP42						RCA42		
TIP42A	S	P	TX, F	(8D440)	8D244A	2N6125	2N6133	TIP41A
TIP42A						RCA42A		
TIP42B	S	P	TX, F	(8D442)	8D244B	2N6134	2N6126	TIP41B
TIP42B						RCA42B		
TIP42C	S	P	TX, F	(8D442)	8D244C	2N6126	2N6134	TIP41C
TIP42C						RCA42C		
TIP47	S	N	TX			FT47	TA8863C	
TIP48	S	N	TX			FT48	TA8863B	
TIP49	S	N	TX			FT49	TA8863A	
TIP50	S	N	TX			FT50	TA8863A	
TIP51	S	N	TX	(8UY77)		2N5838		
TIP52	S	N	TX	(8UY78)		FT401		
TIP53	S	N	TX	(8UY79)		2N5840		
TIP54	S	N	TX	(8UY79)				
TIP110	S	N	TX, F	8DX33A	8D677	SE9300		TIP115
TIP111	S	N	TX, F	8DX33B	8D679	SE9301		TIP116
TIP112	S	N	TX, F	8DX33C	(8D679)	SE9302		TIP117
TIP115	S	P	TX, F	8DX34A	8D678			TIP110
TIP116	S	P	TX, F	8DX34B	8D680			TIP111
TIP117	S	P	TX, F	8DX34C	(8D680)			TIP112
TIP120	S	N	TX, F	8DX33A	8D645	SE9300	TIP121	TIP125
TIP121	S	N	TX, F	8DX33B	8D647	SE9301	TIP122	TIP126
TIP122	S	N	TX, F	8DX33C	8D649	SE9302		TIP127
TIP125	S	P	TX, F	8DX34A	8D646	TIP126		TIP120

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
TF65M	G	P	S	AC125	OC71					
TF65/30M	G	G	P S	OC71						
TF65/60M	G	G	P S	OC77						
TF66	G	P	S	AC131	AC152	2N44	2N1303	2SB220		
TF66				ASY70						
TF661	G	P	S	AC128	AC152IV	2N2431	2N4106			
TF661				AC131r						
TF661I	G	P	S	AC128	AC152V	2N2431	2N4106			
TF661I				AC131ye						
TF661II	G	P	S	AC128	AC152VI	2N2431	2N610			
TF661II				AC131gr						
TF66/30	G	P	S	AC128	AC152	2N2431	2N1924	2SB156		
TF66/30				AC131/30	AC117	2N238	2N59	2SB222		
TF66/60	G	P	S	ASY48IV	ACY24	2N241	2N24A	2SB89		
TF66/60				ASY81	AC128					
TF66/60				ASY77	ASZ10					
TF68	G	P	S	AF185	AF126					
TF68				OC44						
TF69/30	G	P	S	AC128		2N2431				
TF70	G	N	S	ASY73	OC139					
TF71	G	N	S	ASY70	OC140					
TF72	G	N	S	ASY74	OC140					
TF75	G	P	S	AC128	OC72	2N2431				
TF77	G	P	S	AC128	AC126	2N2431				
TF77				OC74						
TF77/30	G	P	S	AC128	OC74	2N2431				
TF77/30				OD603						
TF77/70	G	P	S	ASZ15	OC28			2SB86		
TF78	G	P	S	AD149	OC80	2N2836				
TF78				OD603						
TF78/30	G	P	S	AC152	AD169			2SB86		
TF78/30				AC128	AD149					
TF78/30				ASZ18	OD603					
TF78/60	G	P	S	AD131	ASZ15					
TF78/60				OD603/50						
TF80	G	P		AD149	OC26	2N2836				
TF80				OC30						
TF80/30	G	P	S	AD149	AD130	2N2836	T13029	2SB337		
TF80/30				AD150	AD153	2N1195		2SB83		
TF80/60	G	P		AD131	AD138/50	T13039	2N268	2SB471		
TF80/60				AD149	ASZ16			2SB86		
TF80/80	G	P	S	AD132	AUY28	2N2065		2SB472		
TF80/80				AD149	ASZ15					
TF81/30	G	P	S	AD149		2N2836				
TF85	G	P	S	AD149	OC26	2N2836				
TF90	G	P	S	AD149	AD133	2N2836				
TF90				AD137	OC26					
TF90/30	G	P	S	AD149	AD133	2N2836				
TF90/30				AUY21	AD153					
TF90/30				ADZ11						
TF90/60	G	P		AUY22	AD149					
TF90/60				ADZ12	OC26					
TF260	S	N	S	BC107	BC197	2N3568	2N2921	2SC453		
TF260				BC182A						
THP44	G	P		AC128	AC132	2N2431				
THP45	G	P		AD149		2N2836				
THP46	G	P		AD149		2N2836				
THP47	G	P		ASZ17						
THP50	G	P		AD149		2N2836				
THP51	G	P		AD149		2N2836				
THP52	G	P		AD149		2N2836				
T13027	G	P	TX	ASZ16	AUY22IV	T13028		2SB339		
T13027				AD138/50						
T13028	G	P	TX	ASZ15	AUY22III	T13029		2SB341		
T13028				AUY28						
T13029	G	P	TX	ASZ15	AUY22III	T13030				
T13029				AUY28						
T13030	G	P	TX	ASZ15	AUY22III	T13031				
T13030				AUY28						
T13031	G	P	TX	ASZ15	AUY22III			2SB341		
T13031				AUY28						
TIP29	S	N	TX, F	BD239	BD437	SDA345	2N6121		TIP30	
TIP29				BD131		RCA29				
TIP29A	S	N	TX, F	BD439	BD239A	SDA345	2N6122		TIP30A	
TIP29A				BD137			RCA29A			

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
T1494	S	N	TX			40320		
T1675	G	P		AF185	AF125			
T1690	G	P		AF185	AF125			
T1691	G	P		AF178	AF124			
T1692	G	P		AF185	AF126	2N2495		
T1693	G	P		AFZ12				
T1694	G	P		AFZ12				
T1695	G	P		AF178	AFZ12	2N2495		
T1696	G	P		AFZ12				
T1727	G	P		AF185	AF126			
T1737	G	P		AF185	AF125			
T1814	G	P		AF185	AF125			
T1832	G	P		AC126				
T1833	G	P		AC126				
T2024	G	P		AC126				
T2028	G	P		AC126				
T2030	G	P		AC126				
T2079	G	P		AF178		2N2495		
T2384	G	P		AF185	AF178	2N2495		
T2399	G	P		AF178		2N2495		
T2400	G	P						
T2478	S	N		AF185				
TD5902	J	N	TI			2N706A		
TD5902A	J	N	TI			U248		
TD5903	J	N	TI			U248		
						U249		
TD5903A	J	N	TI			U249		
TD5904	J	N	TI			U250		
TD5904A	J	N	TI			U250		
TD5905	J	N	TI			U251		
TD5905A	J	N	TI			U251		
TD5906	J	N	TI			U248A		
TD5906A	J	N	TI			U248A		
TD5907	J	N	TI			U249A		
TD5907A	J	N	TI			U249A		
TD5908	J	N	TI			U250A		
TD5908A	J	N	TI			U250A		
TD5909	J	N	TI			U251A		
TD5909A	J	N	TI			U251A		
TD5911	J	N	TI			U252		
TD5911A	J	N	TI			U252		
TD5912	J	N	TI			U253		
TD5912A	J	N	TI			U253		
TF49	G	P	S	ASY27	AF101	2N218	2N1307	2SA12
TF49				ASY26				
TF65	G	P	S	AC126	AC125	2N2429		
TF65				AC151r				
TF65bl	G	P	S	AC151V	AC122ye			
TF65bl				AC125				
TF65br	G	P	S	AC151VII	AC122w			
TF65br				AC122v				
TF65gn	G	P	S	AC151V	AC122ye			
TF65gn				AC125	AC122			
TF65gn				OC71	OC604			
TF65gr	G	P	S	AC151VI	AC122ye			
TF65gr				AC126	AC125			
TF65or	G	P	S	AC151IV	AC122r	2N1190	2N238	2SB459
TF65or				AC125				
TF65r	G	P	S	AC151IV	AC122r	2N1190	2N238	2SB459
TF65r				AC125	AC122	2N63		2SB220
TF65v	G	P	S	AC151VI	AC122ye	2N266		2SB219
TF65v				AC126	AC122			
TF65ve	G	P	S	AC151IV	AC122r	2N1190	2N238	2SB450
TF65ve				AC125	AC122	2N190		2SB101
TF65/30	G	P	S	AC126	AC151	2N2429		
TF65/30				OC71	OC604			
TF65/30gn	G	P		AC122	GFT25	2N36		2SB101
TF65/30gn				OC71				
TF65/30gr	G	P	S	AC122	OC304/I	2N89		2SB101
TF65/30gr				OC602ye				
TF65/30r	G	P	S	AC122	AC125	2N63		2SB220
TF65/30r				OC602r				
TF65/30v	G	P	S	AC122	OC304/III	2N266		2SB219
TF65/30v				OC604v				
TF65/60	G	P	S	ASY23	ASY77			
TF65/60				OC77				

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
TIP126	S	P	TX,F	BDX348	BD648	TIP127			TIP121	
TIP127	S	P	TX,F	BDX34C	BD650				TIP122	
TIP140	S	N	TX			SE9300	SE9303		TIP145	
TIP141	S	N	TX			SE9301	SE9304		TIP146	
TIP142	S	N	TX			SE9302	SE9305		TIP147	
TIP145	S	P	TX			SE9400			TIP140	
TIP146	S	P	TX			SE9401			TIP141	
TIP147	S	P	TX			SE9402			TIP142	
TIP501	S	N	TX			2N5321				
TIP502	S	N	TX			2N5320				
TIP503	S	N	TX			2N3441				
TIP504	S	N	TX			2N3441				
TIP509	S	N	TX	BUY55						
TIP510	S	N	TX	BUY56						
TIP515	S	N	TX	(BUY57)						
TIP516	S	N	TX	(BUY58)						
TIP525	S	N	TX	BUY27A	BUY72					
TIP530	S	N	TX	(BUY78)		SE9052				
TIP531	S	N	TX	(BUY75)		2N6250				
TIP532	S	N	TX	(BUY76)						
TIP535	S	N	TX	BUY17A	BUY74					
TIP536	S	N	TX	BUY75						
TIP537	S	N	TX	BUY76						
TIP538	S	N	TX	(BUY74)		2N6250				
TIP539	S	N	TX	(BUY75)		2N6250				
TIP540	S	N	TX	(BUY76)						
TIP544	S	P	TX			2N6248				
TIP546	S	P	TX			2N6469				
TIP640	S	N	TX			SE9303			TIP645	
TIP641	S	N	TX			SE9304			TIP646	
TIP642	S	N	TX			SE9305			TIP647	
TIP2955	S	P	TX			F T2955	40878		TIP3055	
TIP3054	S	N	TX			RCA3054				
TIP3055	S	N	TX	AM291	BDX10	F T3055	RCA3055		TIP2955	
TIP3055						2N3055	2N6131			
TIP3055						2N6099				
TIP5530	S	P	TX			TIP2955				
TIS05	S	P	TX			2N5462	2N5465			
TIS14	J	N	TX			2N4220A	2N4222A			
TIS14						2N4224				
TIS25	J	N	TX			2N5045	2N5197			
TIS26	J	N	TX			2N5046	2N5198			
TIS27	J	N	TX			2N5047	2N5199			
TIS34	J	N	NS, TX	BF256		2N5486	2N5248			
TIS34						2N3823				
TIS37	S	P	TX	BC308V1		EN3905	2N3905			
TIS38	S	P	TX	BC308V1		EN3905	2N3905			
TIS39	S	N	TX			2N4874				
TIS41	J	N	IL, TX			MFE2009	2N4859			
TIS42	J	N	TX			2N4092	2N4093			
TIS42						U1898E				
TIS43	U	P	TX							
TIS56	S	N	TX			TIS57				
TIS57	S	N	TX			TIS56				
TIS58	J	N	NS, TX			2N5458	2N4302			
TIS59	J	N	TX			2N5670	U1837E			
TIS62	S	N	TX			2N3563	2N5770			
TIS63	S	N	TX			2N5770	2N3563			
TIS64	S	N	TX			2N3563	2N5770			
TIS69	J	N	TX							
TIS70	J	N	TX							
TIS73	J	N	IL, NS, TX			2N5638	U1897E			
TIS74	J	N	IL, NS, TX			2N5639	U1898E			
TIS75	J	N	IL, NS, TX			2N5640	U1898E			
TIS78	J	N	TX			2N5543				
TIS79	J	N	TX			2N5544				
TIS84	S	N	TX							
TIS85	S	N	TX							
TIS86	S	N	TX			SE5030A	SE5030B			
TIS86						PE5030B				
TIS87	S	N	TX			SE5030A	SE5030B			
TIS87						PE3050B				
TIS88	J	N	TX			2N5486				
TIS90	S	N	TX			2N4946	2N4401			
TIS90M	S	N	TX			SE8040				

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
TIS91	S	P	TX		2N3644	2N4403		
TIS91M	S	P	TX		SE8540			
TIS92	S	N	TX		2N4946	2N4401		
TIS92M	S	N	TX		SE8040			
TIS93	S	P	TX		2N3644	2N4403		
TIS93M	S	P	TX		SE8540			
TIXS11	M	P	TX		2N4352			
TIXS33	J	N	TX		MFE2009	2N4860		
TIXS35	J	N	TX		TIX36			
TIXS36	J	N	TX					
TIXS39	S	N	TX	BFV17	BFY39	2N918		
TIXS39				8FW17				
TIXS41	J	N	TX		MFE2009	2N4391		
TIXS42	J	N	TX		MFE2004	2N4092		
TIXS67	M	P	TX		2N4352			
TIXS78	J	N	TX		3N126			
TIXS79	J	N	TX		3N126			
TIXS80	J	N	TX					
TIXS81	J	N	TX		TIXS80			
TJ320	G	P		AC126	2N2429			
TJ363	G	P		AF185				
TJ364	G	P		AF185				
TJ385	G	P		AF185				
TJ386	G	P		AF185				
TJ387	G	P		AF185				
TJ388	G	P		AF185				
TJ389	G	P		AF185				
TJ397	G	P		AF185				
TJ398	G	P		AF185				
TJ399	G	P		AF185				
TJN1	G	P		AC126	2N2429			
TJN1B	G	P		AC126	2N2429			
TJN2F	G	P		AC126	2N2429			
TJN2FB	G	P		AC126	2N2429			
TJN2G	G	P		AC126	2N2429			
TJN2GB	G	P		AC126	2N2429			
TJN3	G	P		AC126	2N2429			
TJN4	G	P		AC126	2N2429			
TJN300/2	G	P		AD149	2N2836			
TJN300/2A	G	P		AD149	2N2836			
TK20B	G	P		V6/4R2				
TK21B	G	P		V6/2R3				
TK23	G	P		ACY31				
TK23A	G	P		GET104	NKT217			
TK23A				NKT227				
TK23C	G	P		NKT217	NKT227			
TK24	G	P		ASY64				
TK24B	G	P		V6/2R4				
TK25	G	P		ASY60				
TK25B	G	P		V6/8R				
TK26B	G	P		V6/2R3				
TK27B	G	P		V6/2R4				
TK28	G	P		ASY63				
TK28B	G	P		V6/2R4				
TK30C	G	P		NKT126	2G301			
TK30D	G	P		NKT126				
TK31	G	P		ASY55				
TK31C	G	P		NKT125	2G302			
TK31D	G	P		NKT125				
TK35	G	P		ASY56				
TK36	G	P		ASY57				
TK37	G	P		ASY58				
TK38	G	P		ASY59				
TK40	G	P		AC126	ACY30			
TK40A	G	P		GET102	NKT213			
TK40A				NKT223				
TK40C	G	P		AC156	NKT213			
TK40C				NKT223				
TK41	G	P		AC128	ACY27			
TK41C	G	P		NKT214	NKT224			
TK42	G	P		ACY28				
TK42C	G	P		AC156	NKT213			
TK42C				NKT223				
TK45	G	P		ACY29	NKT216			
TK45				NKT226				

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
TK46	G	P		ASY50				
TK46C	G	P		NKT215	NKT225			
TK47C	G	P		NKT215	NKT225			
TK48C	G	P		NKT217	NKT227			
TK49	G	N		ASY53				
TK49C	G	N		NKT713				
TK400A	G	P		NKT404				
TK401A	G	P		NKT401				
TK402A	G	P		NKT402				
TN4117	J	N	SP, TI		MFE2093	2N5647		
TN4117A	J	N	SP, TI		MFE2093	U1714		
TN4118	J	N	SP, TI		MFE2094	2N5649		
TN4118A	J	N	SP, TI		MFE2094	U1714		
TN4119	J	N	TI		2N5649			
TN4119A	J	N	SP, TI		MFE2095	U1714		
TN4338	J	N			2N4220A			
TN4339	J	N			2N4220A			
TN4340	J	N			2N4220A			
TN4341	J	N			2N4221A			
TP5114	J	P	SP		2N3993	2N5018		
TP5115	J	P	SP		2N3993	2N5018		
TP5116	J	P	SP		2N3993	2N5019		
TR722	G	P	IC, St	OC58				
TR760	G	P	St	AF185	2N520			
TR761	G	P	St	AF185	2N521			
TR802	G	P	St	AF127				
TRC44	G	P	St	AF185	AF126			
TRC45	G	P	St	AF185	AF127			
TRC65	G	P	St	AC125				
TRC66	G	P	St	AC126				
TRC70	G	P	St	AC126	AC125	2N2429		
TRC71	G	P	St	AC126	AC125	2N2429		
TRC72	G	P	St	AC128	AC132	2N2431		
TRC76	G	P	St	ASY76	OC76			
TRC77	G	P	St	ASY77	OC77			
TRC360	G	P	St	OC58	OC65			
TRC601	G	P	St	AC126	AC125	2N2429		
TRC601	G	P	St	OC70				
TRC602	G	P	St	AC126	AC125	2N2429		
TRC602	G	P	St	OC71				
TS1	G	P		AF185				
TS2	G	P		AF185				
TS3	G	P		AF185				
TS7	G	P		AF185				
TS8	G	P		AF185				
TS9	G	P		AC128		2N2431		
TS13	G	P		AC126		2N2429		
TS14	G	P		AC126		2N2429		
TS161	G	P		2-AC128	2-AC132			
TS161	G	P		2-OC72				
TS162	G	P		AC126	AC125	2N2429		
TS162	G	P		OC71				
TS163	G	P		AC126	AC125	2N2429		
TS163	G	P		OC71				
TS164	G	P		AC126	AC125	2N2429		
TS164	G	P		OC71				
TS164	G	P		AC126	OC72	2N2429	2N281	
TS165	G	P		AC126	AC125	2N2429		
TS166	G	P		AD149	OC70	2N2836	2N2429	
TS176	G	P		AC128		2N2431	2N2836	
TS306	G	P						
TS620	G	P		OC58	OC65	2N2431		
TS620	G	P		OC66				
TS621	G	P		OC58	OC65			
TS621	G	P		OC70				
TS739	G	P		AC126		2N2429		
TS739B	G	P		AF185				
TS740	G	P		AC128				
TS2218	S	N	TX, IT			2N1613		
TS2219	S	N	TX, IT			2N1711		
TS2904	S	P	TX, IT			40406		
U110	J	P	IL, SX, TI			2N5474		
U112	J	P	IL, SX, NS, TI			2N5476		
U133	J	P	IL, SX			2N5475		
U146	J	P	IL, SX, TI			2N3909		
U147	J	P	IL, SX, TI			2N3909		

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
U148	J	P	IL,SX,TI		2N3909			
U149	L	P	IL,SX,NS,TI		2N3330			
U168	L	P	IL		2N2608	2N3330		
U182	L	N	SX		2N4092	2N4860		
U182					2N3970			
U183	J	N	IL,SX		MFE3001	2N3458		
U183					2N3823			
U184	J	N	IL,SX		MFE2001	2N4416		
U184					2N3823			
U197	J	N			2N3460	TN4328		
U198	J	N	IL,SX		2N3437	2N3469		
U198					TN4340			
U199	J	N	IL,SX		2N3436	2N3458		
U199					TN4341			
U200	J	N	IL,SX		MFE2004	2N5549		
U200					2N4092			
U201	J	N	IL,SX		MFE2005	2N4861		
U201					2N4091			
U202	J	N	IL,SX		MFE2006	2N4860		
U202					2N4092			
U205			SX		MMF1	MMF2		
U206			SX		MMF3	MMF4		
U207			SX		MMF5	MMF6		
U221	J	N	SX		2N4092			
U222	J	N	SX		2N4856			
U231	J	N	IL,SX		2N5545	2N3954		
U232	J	N	IL,SX		2N5546	2N3955		
U233	J	N	IL,SX		2N5547	2N3956		
U234	J	N	IL,SX		2N5547	2N3957		
U235	J	N	IL,SX		2N5045	2N3958		
U240	J	N	IL,SX		MFE2012	5FC1783		
U240					2N4445			
U241	J	N	IL,SX		MFE2012	5FC1785		
U241					2N4446			
U242	J	N	IL,SX		MFE2012	5FC1783		
U242					2N4447			
U243	J	N	IL,SX		MFE2011	5FC1785		
U243					2N4448			
U244	J	N	SX		MFE2012			
U254	J	N			2N4859			
U255	J	N			2N4860			
U256	J	N			2N4861			
U257	J	N	IL,SX		2N5047	TD5912		
U266	J	N	SX		MFE2012			
U273A	J	N	SX		2N4220			
U274A	J	N	SX		2N4220			
U275	J	N	SX		2N4220			
U275A	J	N	SX		2N4220			
U290	J	N	SX		MFE2012			
U291	J	N	SX		MFE2012			
U300	J	P	SX		2N3993			
U301	J	P	SX		2N3993			
U304	J	P	SX		2N3993			
U305	J	P	SX		2N3993			
U306	J	P	SX		2N3993			
U308	J	P	SX		2N4416			
U309	J	N	SX		2N4416			
U311	J	N	SX		2N4416			
U312	J	N	SX		2N4416			
U314	J	N	SX		2N5484			
U315	J	N	SX		2N5486			
U320	J	N	SX		2N4391			
U321	J	N	SX		2N4391			
U322	J	N	SX		2N4391			
U1177	J	N	SX		2N4220A	MFE2095		
U1178	J	N	SX		MFE2093	MFE2094		
U1179	J	N	SX		MFE2093			
U1180	J	N	SX		2N4221A			
U1181	J	N	SX		2N4220A			
U1182	J	N	SX		MFE2093			
U1277	J	N	IL,TI		MFE2095	2N5361		
U1277					2N3822			
U1278	J	N			2N5369	2N3821		
U1279	J	N	IL,TI		MFE2093	2N5362		
U1279					2N3821			

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
U1280	J	N	IL,TI		MFE2093	MFE2095		
U1280					2N5359	2N4224		
U1281	J	N	IL,TI		2N5549	2N3822		
U1282	J	N	IL,TI		2N3822	2N3458		
U1282					TN4341			
U1283	J	N	IL,TI		2N3822	2N3459		
U1283					TN4340			
U1284	J	N	IL,TI		2N3821	2N3822		
U1284					2N3458	2N3069		
U1285	J	N	IL,TI		MFE2093	2N3453		
U1286	J	N	IL,TI		2N3821	2N3459		
U1286					2N3069			
U1287	J	N	IL		2N4860	2N4092		
U1321	J	N			2N3966	2N4221		
U1322	J	N	SX		2N4222A	2N3459		
U1322					2N4221A			
U1323	J	N			2N3459	2N4221A		
U1324	J	N			2N5362	2N4220A		
U1325	J	N	IL,TI		2N4220A			
U1714	J	N	IL,TI		2N4220A	2N3459		
U1714					TN4340			
U1715	J	N	TI		2N5803	2N5278		
U1837E	J	N	IL,NS,TI		2N5486	2N5245		
U1837E					2N5163			
U1897E	J	N	IL,NS,TI		2N5638	TIS73		
U1897E					KE4091			
U1898E	J	N	IL,NS,TI		2N5639	TIS74		
U1898E					KE4092			
U1899	J	N	SX		2N5640			
U1899E	J	N	NS,IL,TI		TIS75	KE4093		
U1994	J	N	SX		2N5486			
U1994E	J	N	IL,NS,TI		2N5245	KE4416		
U2047E	J	N	TI		2N5247	KE4416		
U3000	J	N			2N3459	2N3069		
U3001	J	N	SX		2N3365	2N3459		
U3001					2N3070	2N3071		
U3002			SX		2N3366			
U3003	J	N	SX		2N3367			
U3010	J	N	SX		2N3365	2N3458		
U3010					2N4222			
U3011	J	N	SX		2N3366	2N3459		
U3011					2N4221			
U3012	J	N	SX		2N3367	2N3460		
U3012					2N4220			
UC20	J	N	IL		2N5486	2N5358		
UC20					2N5849			
UC21	J	N	IL		2N5486			
UC23	J	N			2N5486			
UC100	J	N	IL		2N4221A	2N5361		
UC100					2N3822			
UC105	J	N			TN4341			
UC110	J	N	IL		2N4220A	2N5360		
UC110					2N3821			
UC115	J	N	IL		2N3459	TN4340		
UC120	J	N			2N4220A			
UC130	J	N	IL		2N4220A			
UC150	J	N			2N4416			
UC150w	J	N			2N4416			
UC155	J	N	IL,SD		2N3972	2N5364		
UC155					2N4416			
UC155w	J	N	SD		2N5640			
UC200	J	N	IL,SD		2N4393			
UC201	J	N	IL,SD		2N4093	2N5364		
UC201					2N4416			
UC210	J	N	IL,SD		MFE2000	2N5362		
UC210					2N3822			
UC220	J	N	IL,SD		2N4221	2N5360		
UC220					2N3968			
UC240	J	N	IL		2N4221A	2N3459		
UC240					2N5396			
UC241	J	N	IL,SD		2N5361	2N3822		
UC250	J	N	IL,NS,SD		2N4091	2N4391		
UC250					2N3970			
UC251	J	N	IL,NS,SD		2N4093	2N4392		

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
UC251	J	P			2N3971			
UC300	J	P			2N5267			
UC310	J	P			2N5265			
UC320	J	P			2N5265			
UC330	J	P			2N5473			
UC340	J	P			2N5265			
UC400	J	P	IL,SD		MFE4012	2N3331		
UC400	J	P			2N2609			
UC401	J	P	IL,SD		2N3993	2N3994		
UC401	J	P			2N5019			
UC410	J	P	IL,SD		MFE4009	2N3330		
UC410	J	P			2N2609			
UC420	J	P	IL,SD		MFE4001	2N3329		
UC420	J	P			2N5021			
UC450	J	P			2N3993			
UC451	J	P			2N3994			
UC701	J	N			2N4220			
UC703	J	N	IL,SD		2N4220	2N5362		
UC703	J	N			2N3822			
UC704	J	N	IL		2N4221A	2N5364		
UC704	J	N			2N3822			
UC705	J	N	IL,SD		2N4221A	2N5364		
UC705	J	N			2N3824			
UC707	J	N	IL,SD		MFE2000	2N4861		
UC707	J	N			2N4091			
UC714	J	N	IL,NS,SD		2N3437	2N3823		
UC714A	J	N			2N5484			
UC714E	J	N			2N5950	U1837E		
UC734	J	N	IL,NS,SD		2N4224	2N4416		
UC734E	J	N	IL,NS,SD		2N5486	2N5245		
UC734E	J	N			U1994E			
UC750	J	N			TN4338			
UC751	J	N			2N4091	2N3458		
UC751	J	N			TN4340			
UC752	J	N	IL		2N4091			
UC753	J	N	IL		2N4091	2N3458		
UC753	J	N			2N4092			
UC754	J	N	IL		2N4091	2N3458		
UC754	J	N			TN4340			
UC755	J	N	IL,SD		2N4091	2N3458		
UC755	J	N			TN4341			
UC756	J	N	IL,SD		2N4091	2N3458		
UC756	J	N			2N4224			
UC805	J	P	SD		2N3330	2N3331		
UC807	J	N	SD		2N3972	2N4861		
UC814	J	P	IL,SD		2N5265	2N3331		
UC851	J	P	IL,SD		2N5265	2N2608		
UC853	J	P	IL		2N5265	2N2607		
UC854	J	P	IL,SD		2N5265	2N2608		
UC855	J	P	IL,SD		2N5265	2N2609		
UC1700	J	P	IL,SD		3N155A			
UC1764	J	P	IL,SD		3N163			
UC2130	J	N	IL		2N5545	2N3954		
UC2132	J	N	IL		2N3955			
UC2134	J	N	IL		2N3956			
UC2136	J	N	IL		2N3958			
UC2138	J	N	IL		2N3958			
UC2139	J	N	IL,SD		2N3958			
UC2147	J	N	IL,SD		2N3958			
UC2148	J	N	IL,SD		2N3958			
UC2149	J	N	IL,SD		2N3958			
V6/1R	G	P		NKT164				
V6/2R	G	P		NKT143	NKT164			
V6/2RC	G	P		NKT164				
V6/2RM	G	P		NKT164				
V6/3R	G	P		NKT164				
V6/3RM	G	P		NKT164				
V6/4R	G	P		NKT163	NKT143			
V6/4RC	G	P		NKT163				
V6/4RM	G	P		NKT162				
V6/6R	G	P		NKT163				
V6/6RM	G	P		NKT162				
V6/8R	G	P		NKT162	NKT142			
V6/8RC	G	P		NKT162				
V6/8RM	G	P		NKT162				

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
V6/R2	G	P		NKT164	NKT143					
V6/R4	G	P		NKT163	NKT143					
V6/R4				GET873						
V6/R8	G	P		NKT162	NKT142					
V6/R8				GET874						
V10/15	G	P		AC126		2N2429				
V10/30	G	P		AC126		2N2429				
V10/50	G	P		AC126		2N2429				
V30/20P	G	P		AD149	OC26	2N2836				
V30/30P	G	P		AD149	OC27	2N2836				
V60/10P	G	P		NKT403						
V60/10PD	G	P		NKT403						
V60/201P	G	P		NKT301						
V60/20P	G	P		NKT403						
V60/20PD	G	P		NKT403						
V60/30P	G	P		NKT403						
V60/30NP	G	P		GET573						
V208	G	P		AD149	OC26	2N2836				
V308	G	P		AD149	OC26	2N2836				
V8701	G	P		V10/50A2						
V8704	G	P		V10/30A2						
V8705	G	P		V10/30A						
V8706	G	P		V10/50A						
V8707	G	P		V6/4R						
V8708	G	P		V6/8R						
V8709	G	P		V10/50A2						
V8710	G	P		V10/50A						
VCR2N	J	N				2N4857				
VCR3P	J	P				TP5115				
VCR4N	J	N				2N5278				
VCR5P	J	P				2N3331				
VCR6P	J	P				2N3330				
VCR7N	J	N				2N4885				
VCR10N	J	N				2N4224				
VCR11N	J	N				TD5921A				
VCR20N	J	N				U1715				
WK5457	J	N	WA			2N5457				
WK5458	J	N	WA			2N5458				
WK5459	J	N	WA			2N5459				
X137	G	P				2N6778				
XA101	G	P		AF185	OC45					
XA102	G	P		AF185	OC44					
XA111	G	P		AF185						
XA112	G	P		AF185						
XA131	G	P		AF178		2N2495				
XA141	G	P		AF178		2N2495				
XA142	G	P		AF178		2N2495				
XA143	G	P		AF178		2N2495				
XA161	G	P		AF178		2N2495				
XB102	G	P		AC126		2N2429				
XB103	G	P		OC58	OC66					
XB103				OC71						
XB104	G	P		AC126		2N2429				
XB112	G	P		AC126		2N2429				
XB113	G	P		AC126		2N2429				
XC101	G	P		AC128	OC72	2N2431				
XC131	G	P		AC128		2N2431				
XC171	G	P		AC128		2N2431				
XFT2	G	P		V10/50A						
XS101	G	P		OC139	V10/25					
XS111	G	P		V6/2R						
Y203A	G	P		XS101						
Y203A2	G	P		XS104						
Y203H8	G	P		XS121						
Y214N2	G	P		XC142						
Y214N5	G	P		XC155						
Y214N6	G	P		XC166						
Y215J1	G	P		XA161						
Y215J2	G	P		XA162						
Y217HA1	G	P		XA141						
Y217HA2	G	P		XA142						
Y217HA3	G	P		XA143						
Y221H81	G	P		XA161						
Y221H82	G	P		XA162						
Y222H8	G	P		XB121						

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
Y363	G	P		AC126	2N2429			
Y482	G	P		AF185				
Y483	G	P		AF185				
Y485	G	P		AF185				
Y633	G	P		AC128	2N2431			
ZJ13	G	P		AC128	2N2431			
ZS4	G	P		AF185				
ZS5	G	P		AF185				
ZS8	G	P		AF185				
ZS12	G	P		AC128	2N2431			
ZS15	G	P		AC128	2N2431			
ZS30	G	P		AF185				
ZS31	G	P		AF185				
ZS34	G	P		AC128	2N2431			
ZS35	G	P		AF185				
ZS36	G	P		AF185				
ZS38	G	P		AC128	2N2431			
ZS41	G	P		AF185				
ZS43	G	P		AF185				
ZS45	G	P		AF185				
ZS52	G	P		AF185				
ZS56	G	P		AC128	2N2431			
ZS91	G	P		AC128	2N2431			
ZS109	G	P		AF185				
ZS110	G	P		AF185				
ZS112	G	P		AF185				
ZS141	G	P		AF185				
ZS142	G	P		AF185				
ZT20	S	N	FE	BC108A				
ZT21	S	N	FE	BC108A				
ZT22	S	N	FE	BC107A				
ZT23	S	N	FE	BC107A				
ZT24	S	N	FE	BC107A				
ZT40	S	N	FE	BC108A				
ZT41	S	N	FE	BC108A				
ZT42	S	N	FE	BC107A				
ZT43	S	N	FE	BC107A				
ZT44	S	N	FE	BC107A				
ZT60	S	N	FE	BSX45-6				
ZT61	S	N	FE	BSX45-6				
ZT62	S	N	FE	BSX46-6				
ZT63	S	N	FE	BSX46-6				
ZT64	S	N	FE	BSX47-6				
ZT80	S	N	FE	BC338-16				
ZT81	S	N	FE	BC337-16				
ZT82	S	N	FE	BC337-16				
ZT83	S	N	FE	BC337-16				
ZT84	S	N	FE	BC337-16				
ZT86	S	N	FE	(BSX47-6)				
ZT87	S	N	FE	BC338-16				
ZT88	S	N	FE	(BSX47-10)				
ZT89	S	N	FE	(BSX47-10)				
ZT90	S	N	FE	BSX46-10				
ZT91	S	N	FE	BSX47-6				
ZT92	S	N	FE	BSX47-10				
ZT93	S	N	FE	BSX47-6				
ZT94	S	N	FE	BSX45-6				
ZT95	S	N	FE	BSX45-10				
ZT110	S	N	FE	BC338-16				
ZT111	S	N	FE	BC337-16				
ZT112	S	N	FE	BC337-16				
ZT113	S	N	FE	BC337-16				
ZT114	S	N	FE	BC337-16				
ZT116	S	N	FE	(BSX47-6)				
ZT117	S	N	FE	BC338-16				
ZT118	S	N	FE	(BSX47-10)				
ZT119	S	N	FE	(BSX47-10)				
ZT180	S	P	FE	BC328-16				
ZT181	S	P	FE	BC327-16				
ZT182	S	P	FE	BC327-16				
ZT183	S	P	FE	BC327-16				
ZT184	S	P	FE	BC327-16				
ZT187	S	P	FE	BC328-16				
ZT189	S	P	FE	(BC327-16)				
ZT202	S	N	FE	BC108A				

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN	JAPANESE	COMPL	USE
ZT203	S	P	FE	BC108A					
ZT204	S	N	FE	BC108A	BSY10				
ZT210	S	P	FE	BSV16-6					
ZT211	S	P	FE	BSV17-6					
ZT280	S	P	FE	BC328-16					
ZT281	S	P	FE	BC327-16					
ZT282	S	P	FE	BC327-16					
ZT283	S	P	FE	BC327-16					
ZT284	S	P	FE	BC327-16					
ZT287	S	P	FE	BC328-16					
ZT402	S	N	FE	BC108A			2S731		
ZT403	S	N	FE	BC108A					
ZT404	S	N	FE	BC108A					
ZT706	S	N	FE	BCY34		2N706			
ZT708	S	N	FE			2N708	2N2413		
ZT709	S	N	FE			2N709			
ZT1420	S	N	FE			2N1420			
ZT1479	S	N	FE	BSX45-6					
ZT1480	S	N	FE	BSX46-6					
ZT1481	S	N	FE	BSX45-6					
ZT1482	S	N	FE	BSX46-6					
ZT1483	S	N	FE	BSX62-6					
ZT1484	S	N	FE	(BSX63-6)					
ZT1485	S	N	FE	BSX62-10					
ZT1486	S	N	FE	(BSX63-10)					
ZT1487	S	N	FE			2N3055			
ZT1488	S	N	FE	DT4111	DT4112	2N3055	2N1488		
ZT1489	S	N	FE			2N3055			
ZT1490	S	N	FE	DT4121		2N3055	2N1490		
ZT1700	S	N	FE	BSX45-6					
ZT1702	S	N	FE			2N3055			
ZT1708	S	N	FE	BFY44		2N1708			
ZT2205	S	N	FE	BFY26		2N2205	2S131		
ZT2206	S	N	FE	BFY27		2N2206			
ZT2270	S	N	FE	BFY15	BFY16	2N2270	2S019		
ZT2270	S	N	FE	DT1521					
ZTX107	S	N	FE	BC237	BC107				
ZTX107A	S	N	FE	BC237A					
ZTX107B	S	N	FE	BC237B					
ZTX108	S	N	FE	BC238	BC108				
ZTX108A	S	N	FE	BC238A					
ZTX108B	S	N	FE	BC238B					
ZTX108C	S	N	FE	BC238C					
ZTX109	S	N	FE	BC239	BC109				
ZTX109B	S	N	FE	BC239B					
ZTX109C	S	N	FE	BC239C					
ZTX114	S	N	FE	BC4138					
ZTX300	S	N	FE	BC338-16	BCW10				
ZTX301	S	N	FE	BC337-16	BCW12				
ZTX302	S	N	FE	BC337-16	BCW14				
ZTX303	S	N	FE	BC337-16	BCW16				
ZTX304	S	N	FE	(BC337-16)	BCW18				
ZTX310	S	N	FE	BSY63	BSV23	2N706			
ZTX311	S	N	FE	BSY63	BSV24				
ZTX311	S	N	FE	BSY95A					
ZTX312	S	N	FE	(BSY63)	BSV25	2N706A			
ZTX313	S	N	FE	(BSY63)	BSV26	2N2369			
ZTX314	S	N	FE	(BSY63)	BSV27	2N2369A			
ZTX320	S	N	FE	(BFY90)	BSW87	2N918			
ZTX321	S	N	FE	(BFY90)					
ZTX325	S	N	FE	(BFY90)					
ZTX326	S	N	FE	(BFY90)					
ZTX330	S	N	FE	BC337-25	BCW20	2N3707			
ZTX331	S	N	FE	BC337-16	BCW22	2N929			
ZTX341	S	N	FE	(BF457)	BSV28				
ZTX342	S	N	FE	(BF457)	BSV29				
ZTX350	S	N	FE	(BSX49)					
ZTX382	S	N	FE	BC4148					
ZTX383	S	N	FE	BC4138					
ZTX384	S	N	FE	BC4138					
ZTX500	S	P	FE	BC328-16	BCW11				
ZTX501	S	P	FE	BC327-16	BCW13				
ZTX502	S	P	FE	BC327-16	BCW15				
ZTX503	S	P	FE	BC327-16	BCW17				
ZTX504	S	P	FE	(BC327-16)	BCW19				

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
2CY17	G	P		ACY17				
2CY18	G	P		ACY18				
2CY19	G	P		ACY19				
2CY20	G	P		ACY20				
2CY21	G	P		ACY21				
2CY22	G	P		ACY22				
2G101	G	P TX		ACZ21	AC163	2N506	2N2273	2SB459
2G101				AC126	AC128			
2G101				AF139	AC171			
2G102	G	P TX		AC171	AC126	2N506	2N2273	2SB459
2G102				ACZ21	AC173			
2G102				AC128	AF139			
2G103	G	P TX		ACZ21		2N2273		
2G104	G	P TX		ACZ21		2N2273		
2G106	G	P TX		AF124		2N990		
2G108	G	P TX		AC126	AC163	2N2429		2SB459
2G108				AC171	AC173			
2G109	G	P TX		AC126	AC163	2N2429		2SB459
2G109				AC171	AC173			
2G110	G	P TX		ASZ21		2N2273		
2G138	G	P TX		AF185				
2G139	G	P TX		AF106	AF185			
2G140	G	P TX		AU105	AU103			2SB468
2G140				AF185				
2G141	G	P TX		AF106	AF185			
2G201	G	P TX		AC117R	AC128	2N2431	2N4106	2SB370
2G202	G	P TX		AC128	AC117R	2N2431	2N4106	2SB370
2G202				AC153				
2G210	G	P TX		ASZ15		2N1533		
2G220	G	P TX		ACZ16	ASZ16	2N1536		
2G220				2G221				
2G221	G	P TX		ASZ15	2G222	2N1533		
2G222	G	P TX		ASZ15		2N1046B	2N1533	
2G223	G	P TX		AUY29		2N1167		
2G224	G	P TX		AUY29/5		2N1167		
2G225	G	P TX		AUY29/5		2N1167		
2G226	G	P TX		AUY29/5		2N1167		
2G227	G	P TX		AUY29/5		2N1167		
2G228	G	P TX		AUY29/5		2N1167		
2G229	G	P TX		AUY29/5		2N1167		
2G230	G	P TX		AUY29/5		2N1167		
2G231	G	P TX		AUY29/5		2N1167		
2G240	G	P TX		AU103	AU105	2N2147		2SB468
2G240				AL103				
2G270	G	P TX		AC114	AC128	2N2431	2N4106	2SB222
2G270				AC153	AC132			
2G271	G	P TX		AC114	AC128	2N2431	2N4106	2SB222
2G271				AC132	AC153			
2G301	G	P TX		AC114	AC128	2N2431	2N2614	2SB222
2G301				AC153	AF185	2N4106		
2G301				OC44N				
2G302	G	P TX		AF185	AU105	2N2614		
2G302				AW103				
2G304	G	P TX		OC44N		2N2614		
2G306	G	P TX		OC44N		2N2614		
2G308	G	P TX		OC44N		2N2614		
2G309	G	P TX		OC44N		2N2614		
2G319	G	P TX		AC128	AC128	2N1176	2N1190	2SB383
2G319				AC163	AC171	2N2429		
2G319				ACY17				
2G320	G	P TX		AC128	AC128	2N1176	2N1190	2SB383
2G320				AC163	AC171	2N2429		
2G320				ACY17				
2G321	G	P TX		ACY17		2N1176		
2G322	G	P TX		ACY17		2N1176		
2G323	G	P TX		ACY17		2N1176		
2G324	G	P TX		ACY17		2N1176		
2G339	G	N TX		AC127		2N2430		2SO96
2G344	G	P TX		OC44N		2N2431		
2G345	G	P TX		OC44N		2N2614		

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE	
2G371	G	P	TX	AC126	AC128	2N2431	2N610	2S32	
2G371	G	P	TX	AC152V	AC117K				
2G374	G	P	TX	AC128	AC153III	2N2431		2S8416	
2G376	G	P	TX	AC126		2N2431			
2G377	G	P	TX	AC126		2N2431			
2G381	G	P	TX	AC117K	AC128	2N467	2N2706	2S8222	
2G381	G	P	TX	AC153					
2G382	G	P	TX	AC117K	AC128	2N4108	2N1373	2S8370	
2G382	G	P	TX	AC153					
2G383	G	P	TX	ACY17		2N1176			
2G384	G	P	TX	ACY17		2N1176			
2G385	G	P	TX	ACY17		2N1176			
2G386	G	P	TX	ACY17		2N1176			
2G387	G	P	TX	ACY17		2N1176			
2G395	G	P	TX	ASY27		2N1305			
2G396	G	P	TX	ASY27		2N1305			
2G397	G	P	TX	ASY27		2N1305			
2G398	G	P	TX	ACY17		2N1176			
2G401	G	P	TX	AF106	AF124	2N990		2SA230	
2G401	G	P	TX	AF185	AF190				
2G402	G	P	TX	AF106	AF185	2N990		2SA230	
2G402	G	P	TX	AF190					
2G403	G	P	TX	AF124		2N990			
2G524	G	P	TX	ACY17		2N1176			
2G525	G	P	TX	ACY17		2N1176			
2G526	G	P	TX	ASY17	ASY24K	2N527	2N1176	2S889	
2G526	G	P	TX	ASY48	ASY80				
2G526	G	P	TX	ASY81					
2G527	G	P	TX	ACY17		2N1176			
2G577	G	P	TX	ACY17	ACY24K				
2G577	G	P	TX	ASY48	ASY77				
2G577	G	P	TX	ACY81					
2G605	G	P	TX	ASY27		2N1305			
2G1024	G	P	TX	ACY17	ACY24K	2N241	2N1176	2S889	
2G1024	G	P	TX	ASY48	ASY77				
2G1024	G	P	TX	ASY81	ASY77	2N241	2N1176	2S889	
2G1025	G	P	TX	ASY48	ASY77				
2G1025	G	P	TX	ASY81	ACY17	2N241	2N1176	2S889	
2G1026	G	P	TX	ASY48	ACY24K	2N241	2N1176	2S889	
2G1026	G	P	TX	ASY77	ASY81				
2G1026	G	P	TX	ACY17					
2G1027	G	P	TX	ACY17		2N1176			
2N2X	S	N	TX						
2N24	G	P	WE						01
2N24A	G	P	WE	ASY48	ACY24K			2S889	01
2N24A	G	P	WE						01
2N24A	G	P	WE						01
2N27	G	N	WE	ASY77	ACZ10				01
2N28	G	N	WE	OC77					01
2N29	G	N	WE	ASY29		2N1304			01
2N29	G	N	WE	ASY29		2N1304			01
2N29	G	N	WE	ASY29		2N1304			01
2N34	G	P	ET, NP, SR, St, UP	AC125	AC126	2N406	2N1191	2S8101	01
2N34	G	P	ET, NP, SR, St, UP	AC122	AC124	2N2429	2N2431		01
2N34	G	P	ET, NP, SR, St, UP	AC151					01
2N34A	G	P	ET, NP, St, UP, CI	AC125	AC126	2N406	2N2429		01
2N34A	G	P	ET, NP, St, UP, CI	AC132	AC163	2N2431			01
2N34A	G	P	ET, NP, St, UP, CI	AC132					01
2N35	G	N	ET, NP, SR, St, CI	AC127	AC176	2N2430		2SD11	01
2N35	G	N	ET, NP, SR, St, CI	AC179					01
2N35A	G	N	ET, NP, SR, St, CI	AC127	AC130	2N2430		2SD11	01
2N36	G	P	ET, NP, St, UP, CI	AC126	AC128	2N2429	2N2431	2S8101	01
2N36	G	P	ET, NP, St, UP	AC151	ACY17	2N1191	2N1176		01
2N36	G	P	ET, NP, St, UP	AC122	AC125				01
2N36	G	P	ET, NP, St, UP	AC124					01
2N37	G	P	ET, NP, St, UP	AC122	AC125	2N406	2N1191	2S8220	01
2N37	G	P	ET, NP, St, UP	AC126	AC128	2N2429	2N2431		01
2N37	G	P	ET, NP, St, UP	AC132	AC151IV				01
2N38	G	P	ET, NP, St, UP	AC122	AC124	2N406	2N1191	2S8220	01
2N38	G	P	ET, NP, St, UP	AC125	AC126	2N2429	2N2431		01
2N38	G	P	ET, NP, St, UP	AC128	AC151				01
2N38A	G	P	CB	AC122	AC124	2N406	2N1191	2S8220	01
2N38A	G	P	CB	AC122	AC124	2N406	2N1191	2S8220	01
2N38A	G	P	CB	AC125	AC126	2N2429	2N2431		01
2N38A	G	P	CB	AC126	AC151V				01
2N39	G	N	CB	AC125		2N406			01
2N40	G	P	CB	AC125	AC151	2N406	2N1191	2S8220	01
2N40	G	P	CB	AC162	AC170				01

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N41	G	P		AC122	AC125	2N404	2N406	2SB219		01
2N41				AC151	AC163	2N1190	2N2447	2SB459		01
2N41				OC58						01
2N42	G	P	CB	AC122	AC125	2N404	2N1190	2SB220		01
2N42				AC151	AC163	2N2447		2SB459		01
2N42				OC70						01
2N43	G	P	ES, ET, NP, SR, St	AC125	AC128	2N525	2N2706	2SB225		01
2N43				AC131/20	AC152					01
2N43A	G	P	ES, ET, NP, SR, St	AC117	AC128	2N525	2N2706	2SB225		01
2N43A				AC131/30	AC152					01
2N43A				AC153						01
2N44	G	P	ET, NP, SS, St, UP	AC124	AC125	2N524	2N2431	2SB224		01
2N44				AC128	AC131/30	2N2706				01
2N44				AC152						01
2N44A	G	P	ET, NP, SR, St, UP	ACY117	AC117	2N1176		2SB33		01
2N44A				AC124	AC128					01
2N45	G	P	ET, NP, St, UP	AC125	AC126	2N406	2N404	2SB224		01
2N45				AC128	AC131/30	2N524				01
2N45				AC151						01
2N45A	G	P	ET, NP, St, UP							01
2N46	G	P		AC123	AC125	2N406		2SB101		01
2N46				AC151	OC58					01
2N47	G	P	PC	AC122	AC123	2N404	2N406	2SB32		01
2N47				AC125	AC151IV	2N1191				01
2N47				OC58						01
2N48	G	P	PC	AC122	AC123	2N404	2N406	2SB32		01
2N48				AC125	AC126	2N1191	2N2431			01
2N48				AC151						01
2N49	G	P	PC	AC122	AC123	2N404	2N406	2SB32		01
2N49				AC126	AC151IV	2N1191	2N2431			01
2N50	G	P	CV	AC122	AC125	2N1191	2N404			10
2N50				AC151						10
2N51	G	P	CV	AC117	AC122	2N404	2N1191	2SB222		10
2N51				AC125	AC128					10
2N51				AC151	AC153					10
2N52	G	P	CV	AC122	AC151	2N404	2N1191	2SB222		10
2N53	G	P	CV	AC151		2N404	2N1191			10
2N54	G	P	W	AC122	AC124	2N1176	2N1191	2SB224		01
2N54				AC126	AC128	2N2429	2N2431			01
2N54				AC131	AC151					01
2N54				ACY17						01
2N55	G	P	W	AC122	AC125	2N404	2N1176	2SB224		01
2N55				AC124	AC128	2N1191				01
2N55				AC131	AC151IV					01
2N55				ACY17						01
2N56	G	P	W	AC122	AC125	2N404	2N1176	2SB224		01
2N56				AC128	AC131	2N1191				01
2N59	G	P	ET, NP, St, UP	(ASY48VI)	AC128	2N404	2N1176	2SB222		01
2N59				AC122	AC124					01
2N59				AC151IV	AC152					01
2N59A	G	P	ET, NP, St, UP	(ASY48VI)	AC128	2N1176	2N2431			01
2N59A				ACY17						01
2N59B	G	P	ET, NP, St, UP	(ASY48VI)	ACY17	2N1176	2N2431			01
2N59B				AC128						01
2N59C	G	P	ET, NP, St, UP	(ASY48VI)	AC122/30	2N1193	2N2431	2SB32		01
2N59C				AC128	AC151IV	2N1176				01
2N59C				AC126	AC122					01
2N59C				AC163						01
2N60	G	P	ET, NP, St, UP	(ASY48VI)	AC128	2N404	2N1176	2SB222		01
2N60				AC153	ACY17	2N1193	2N2431			01
2N60A	G	P	ET, NP, St, UP	(ASY48VI)	AC122	2N61A	2N1176	2SA219		01
2N60A				AC126	AC128	2N1193		2SB222		01
2N60A				AC151IV	AC153					01
2N60A				ACY17	ACY33					01
2N60B	G	P	ET, NP, St, UP	(ASY48VI)	AC122	2N1176	2N1193	2SA219		01
2N60B				AC122/30	AC126					01
2N60B				AC151IV	ACY17					01
2N60C	G	P	ET, NP, St, UP	(ASY48VI)	ACY17	2N59C	2N1176			01
2N61	G	P	ET, NP, St, UP	(ASY48IV)	AC126	2N1192	2N1176			01
2N61				AC128	AC131	2N2431				01
2N61				AC122	AC151IV					01
2N61				ACY17						01
2N61A	G	P	ET, NP, St, UP	(ASY48IV)	AC126	2N60	2N1192	2SB224		01
2N61A				AC131/30	AC151IV	2N524	2N1176			01
2N61A				ACY17	AC122					01

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N61A				AC152	ACY33					01
2N61B	G	P	ET, NP, St, UP	(ASY48IV)	AC122	2N60	2N61	2SB220		01
2N61B				AC125	AC151V	2N1176	2N1192			01
2N61B				AC131/30	AC163					01
2N61B				ACY17	ACY33					01
2N61C	G	P	ET, NP, St, UP	(ASY48IV)	AC122	2N60	2N61	2SB220		01
2N61C				AC125	AC131/30	2N1176	2N1192			01
2N61C				AC151V	ACY17					01
2N61C				AC163	ACY32					01
2N62	G	P	PC	AC124	AC125	2N109	2N403	2SB224		01
2N62				AC128	AC131/30	2N406	2N1191			01
2N62				AC151V		2N2431				01
2N63	G	P	ET, NP, St, UP	AC122	AC125	2N406	2N1191	2SB220		01
2N63				AC126	AC128	2N2429				01
2N63				AC132	AC151V					01
2N64	G	P	ET, NP, St, UP	AC122	AC124	2N406	2N1191	HJ15		01
2N64				AC125	AC126	2N2429				01
2N64				AC128	AC151V					01
2N65	G	P	ET, NP, St, UP	AC122	AC125	2N406	2N1193	HJ15		01
2N65				AC126	AC128	2N2429				01
2N65				AC151V	AV163					01
2N66	G	P		AD139	AD148	2N643	2N2835			06
2N66				AD155	AD162	TI3027				06
2N67	G	P		AD162		2N2835				10
2N68	G	P	St, Cl, SY	AC128	AD139	2N156	2N2706	2SB240	2N95	06
2N68				AD155	AD162	TI3027				06
2N68				OD603						06
2N68/13	G	P	St, Cl, GP, SZ			TI156L				06
2N69	G	P		AC122	AC125	2N1190				
2N69				AC151	ACY23					
2N69				ACZ10						
2N71	G	P		AC122	AC125	2N2835	2N404	2SB240		06
2N71				AC151	ACY23	2N1190				06
2N71				ACZ10	AD162					06
2N72	G	P		AC123	AC125	2N404	2N1190	2SB240		10
2N72				AC151	ACY23					10
2N72				ACZ10						10
2N73	G	P		AC122	AC125	2N406	2N1190			12
2N73				AC151	ACY23	2N1614				12
2N73				ACZ10						12
2N74	G	P		AC122	AC125	2N406	2N1190			10
2N74				AC151	ACY23	2N1614				10
2N74				ACZ10						10
2N75	G	P		AC125	AC151	2N406	2N1190			10
2N75				ACY24K	ACZ10	2N1614				10
2N76	G	P	GE	AC125	AC126	2N322	2N406	2SB220		01
2N76				AC151	AC163	2N319	2N1191			01
2N76				AC170		2N2429				01
2N77	G	P	ET, NP, St, UP, CI	AC122	AC126	2N465	2N565	2SB101		01
2N77				AC163	ACY29	2N1191	2N2431			01
2N77				OC58						01
2N78	G	N	ET, NP, UP, CI	ASY29	ASY75	2N445	2N1302			01
2N78						2N1304				01
2N78A	G	N	ET, UP, CI	ASY29		2N1304				01
2N79	G	P	RC	AC125	AC126	2N406	2N1191	HJ15		01
2N79				AC128	AC163	2N2429				01
2N79				AC173	AC171					01
2N80	G	P	CB	AC122	AC125	2N406	2N508	HJ15		01
2N80				AC126	AC128	2N2429				01
2N80				AC163	AC171					01
2N80				AC173						01
2N81	G	P	GE	AC122	AC125	2N406	2N1191	2SB220		01
2N81				AC126	AC128	2N2429				01
2N81				AC163	AC171					01
2N81				AC173						01
2N82	G	P	CB	AC122	AC125	2N406	2N1191	2SB220		01
2N82				AC126	AC128	2N2429				01
2N82				AC163	AC171					01
2N82				AC173						01
2N83	G	P	TR	AD148V	ASZ15	LT5036	2N1533	2SB240		01
2N83				OC30	OD603					
2N83				CTP1104						
2N83A	G	P	TR	AD148V	ASZ15	2N1533		2SB240		01
2N83A				OC30	OD603					
2N84	G	P	TR	AC124	AC128K	2N109	2N1533	2SB240		01

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
2N84				AC153	ASZ16	2N4106		
2N84				OC30	OD603			
2N85	G	P	TR	AC124	AC126	2N109	2N403	
2N85				AC128	AC131/30	2N1924	2N2429	
2N85				AC132	AC152			
2N86	G	P	TR	AC124R	AC126	2N403	2N2429	
2N86				AC128	AC132	2N4106		
2N86				AC152	AC153			
2N87	G	P	TR	AC124R	AC128	2N403	2N2431	
2N87				AC132	AC152	2N4106		
2N87				AC153				
2N88	G	P		AC129v	OC58	2N109	2N402	
2N88				AFY69	OC66			
2N89	G	P		AC129v	OC58	2N217	2N402	
2N89				OC89				
2N90	G	P		OC66		2N217	2N402	
2N93	G	P		AC162	AC170		2SA219	
2N93				AC125	AC173			
2N93				AC151	AC153			
2N94	G	P	ET, NP, UP	OC140	ASY74	2N1304		02
2N94				ASY29				02
2N94A	G	N	ET, NP	ASY74	ASY29	2N1304		02
2N94A				OC140				02
2N95	G	N	NP, UP	AC176		LT5210	2N2430	06
2N96	G	P	RC	AC163	AC171	2N331	2N403	01
2N96				AC128	AC173	2N406		01
2N96				AC125	AC151			01
2N97	G	N	ET, NP, UP, II	(AC127)	ASY28	2N144	2N1302	01
2N97				ASY29		2N1304		01
2N97A	G	N	BG	AC127	AC179	2N2430	2N169A	01
2N97A				ASY29		2N438	2N1304	01
2N98	G	N	ET, NP, UP	(AC127)	ASY73	2N1304		01
2N98				ASY29			2SA155	01
2N98A	G	N	BG	ASY73	ASY29	2N169A	2N444	01
2N98A				ASY73		2N1304		01
2N99	G	N	ET, NP	ASY73	ASY29	2N169A	2N1306	01
2N99						2N1304		01
2N100	G	N	BG	ASY75	ASY73	2N446	2N1306	01
2N100				ACY29		2N1304		01
2N101	G	P	SY	AD155	AD139	2N68	2N307	06
2N101				OC30	OD603		2SB240	06
2N101				AC188K				06
2N101/13	G	P	St, GP, SZ					06
2N102	G	N	SY	ASY28	AC187K	2N1302	LT6210	06
2N102/13	G	N	St, GP, SZ					06
2N103	G	N	ET, NP, UP	(AC127)	ASY28	2N1302	2N1304	01
2N103				ASY29	GT36			01
2N104	G	P	ET, NP, UP	(AC151V)	AC126	2N650	2N2429	01
2N104				AC153	AC124R	2N4106	2N612	01
2N104				AC128	AC122	2N406		01
2N104				AC125				01
2N104	G	P	ET, NP, St, UP	(AC151V)	OC58	2N2429	2N1191	01
2N105				AC126	AC162	2N321	2N402	01
2N105				AC107N	AC122			01
2N105				AC125	AC163			01
2N106	G	P	ET, NP, St, UP	(AC151V)	AC126	2N2429	2N406	01
2N106				AC128	AC153	2N1191	2N4106	01
2N106				AC124R	AC125			01
2N106				OC72				01
2N107	G	P	ET, NP, SR, SS, St	(AC151V)	AC126	2N2429	2N2431	01
2N107				AC128	AC162	2N406	2N464	01
2N107				AC170	AC122	2N402		01
2N107				AC125				01
2N108	G	P	ET, NP, St, UP	(AC151V)	AC126	2N2429	2N2431	01
2N108				AC128	AC162	2N322	2N406	01
2N108				AC170	AC125			01
2N108				AC122				01
2N109	G	P	ET, NP, St, UP, SR	(ACY151V)	AC128	2N2431	2N1192	01
2N109				AC151V1	AC153K	2N185	2N187A	01
2N109				AC117K	AC132	2N2706		01
2N110	G	P	WE	AC163	AC171	2N2429		10
2N110				AC126				10
2N111	G	P	ET, NP, St, UP	AF185	AF108	2N271	2N614	02
2N111				AF101	OC45	2N1305		02
2N111				OC612	ACY27		HJ23D	02
2N111							2SA206	02

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N111A	G	P	ET, NP, UP	AF185	ASY26	2N218	2N1305			02
2N111A	G	P	ET, NP, UP	ASY27						02
2N112	G	P	ET, NP, UP	AF185	AF126	2N450	2N579	2SA206		02
2N112	G	P	ET, NP, UP	AF137	ASY26	2N1305				02
2N112	G	P	ET, NP, UP	OC46	ASY27					02
2N112A	G	P	ET, NP, UP	AF185	ASY26	2N218	2N1305			02
2N112A	G	P	ET, NP, UP	ASY27						02
2N113	G	P	ET, NP, UP	AF185	AF127	2N1305		HJ23D		02
2N113	G	P	ET, NP, UP	AF115	ASY27					02
2N113	G	P	ET, NP, UP	AF106	AF190					02
2N113	G	P	ET, NP, UP	A101						02
2N114	G	P	ET, NP, UP	AF185	AF126	2N140	2N1309			02
2N114	G	P	ET, NP, UP	AF137	OC44	2N1305				02
2N114	G	P	ET, NP, UP	ASY27						02
2N115	G	P	AM	AD149	AD130III	T13029	2N175	ZSB221		16
2N115	G	P	AM	AD130IV	OC26	2N270				16
2N115	G	P	AM	AD179	AD140					16
2N116	G	P	AM	AC129v	OC57	2N133A	2N175	ZSB39		16
2N116	G	P	AM	OC622						16
2N117	S	N	TX, ET, NP, SQ, UP	BC107		2N332	A157			13
2N118	S	N	TX, ET, NP, SQ, UP	BD130	AM291	2N3065	2N118A			13
2N118	S	N	TX, ET, NP, SQ, UP	BDX10	BDY10	2N119	A157			13
2N118	S	N	TX, ET, NP, SQ	BC107						13
2N118A	S	N	TX, ET, NP, SQ	BD130	AM291	2N3065	A157			13
2N118A	S	N	TX, ET, NP, SQ	BDX10	BDY10					13
2N118A	S	N	TX, ET, NP, SQ	BC107						13
2N119	S	N	TX, ET, NP, SQ	BD130	AM291	2N3065	2N118			13
2N119	S	N	TX, ET, NP, SQ	BDX10	BDY10	A157				13
2N119	S	N	TX, ET, NP, SQ	BC107						13
2N120	S	N	TX, ET, NP, SQ	BDY10	BD130	2N3065	2N118			02
2N120	S	N	TX, ET, NP, SQ	AM291	BDX10	A157				02
2N120	S	N	TX, ET, NP, SQ	BC107						02
2N122	S	N	NP, SQ, UP	BSW66		2N1893				06
2N123	G	P	ET, ID, NP, St, UP	AF127	AF106	2N426	2N1303	HJ23D		13
2N123	G	P	ET, ID, NP, St, UP	AF101	ASY27	2N1305				13
2N123	G	P	ET, ID, NP, St, UP	OC44						13
2N124	G	N	ET, NP, UP	(AC127)	ASY73	2N445	2N1302			10
2N124	G	N	ET, NP, UP	ASY29		2N1304				10
2N125	G	N	ET, NP, UP	(AC127)	ASY74	2N685	2N1304			10
2N125	G	N	ET, NP, UP	ASY29						10
2N126	G	N	ET, NP, UP	(AC127)	ASY74	2N439	2N585			10
2N126	G	N	ET, NP, UP	ASY29		2N1304				10
2N127	G	N	TX	ASY28		2N440	2N1304			10
2N128	G	P	SM, SP, SQ	AF125	AF126	2N274	2N604			02
2N128	G	P	SM, SP, SQ	AF135	AF124	2N690				02
2N129	G	P	PC	AF125	AF135	2N373	2N603			02
2N129	G	P	PC	AF124		2N990				02
2N130	G	P	ET, NP, UP	AC162	AC131	2N1191	2N1924	ZSB224		01
2N130	G	P	ET, NP, UP	AC128	AC125	2N406	2N613			01
2N130	G	P	ET, NP, UP	AC152		2N1056				01
2N130A	G	P	ET, NP, UP	AC162	AC131	2N650	2N1924	ZSB224		01
2N130A	G	P	ET, NP, UP	AC128	AC125	2N406	2N402			01
2N130A	G	P	ET, NP, UP	AC152		2N1413				01
2N131	G	P	ET, NP, UP	AC153	AC122	2N1192	2N568	ZSB103		01
2N131	G	P	ET, NP, UP	AC125	AC117	2N569	2N406			01
2N131	G	P	ET, NP, UP			2N569	2N406			01
2N131A	G	P	ET, NP, UP	AC153	AC122	2N651	2N568	ZSB103		01
2N131A	G	P	ET, NP, UP	AC125		2N406				01
2N132	G	P	ET, NP, UP	AC126	AC151	2N2429	2N1192	ZSB103		01
2N132	G	P	ET, NP, UP	AC123	AC125	2N406	2N1190			01
2N132	G	P	ET, NP, UP	AC124	AC128	2N466				01
2N132	G	P	ET, NP, UP	AC152						01
2N132A	G	P	ET, NP, UP	AC128	AC151	2N2431	2N651	ZSB32		01
2N132A	G	P	ET, NP, UP	AC122	AC163	2N1190	2N641			01
2N132A	G	P	ET, NP, UP	AC125		2N406				01
2N133	G	P	ET, NP, UP	AC151	AC122	2N1192	2N1190			01
2N133	G	P	ET, NP, UP	AC117	AC128	2N175	2N406			01
2N133	G	P	ET, NP, UP	AC153	AC125					01
2N133A	G	P	ET, NP, UP	AC128	OC57	2N651	2N175			01
2N133A	G	P	ET, NP, UP	OC622	AC125	2N406				01
2N135	G	P	ET, NP, UP	AF185	AF126	2N139	2N1305			02
2N135	G	P	ET, NP, UP	AFY15	ASY27					02
2N135	G	P	ET, NP, UP	OC390						02
2N136	G	P	ET, NP, UP	AF127	AF101	2N1305				02
2N136	G	P	ET, NP, UP	AF106	AF190					02

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N136				OC45	ASY27					02
2N137	G	P	ET, NP, UP	AF185	AF127	2N1305				02
2N137				AF101	AF106					02
2N137				AF190	ASY27					02
2N138	G	P	ET, NP, UP	AC126	AC153	2N2429	2N4106			01
2N138				AC117	AC128	2N406	2N2706			01
2N138A	G	P	RY	AC128	AC153	2N2431	2N4106	2SB222		01
2N138A				AC124	AC152	2N1008	2N1128			01
2N138A				AC125		2N406				01
2N138B	G	P	RY	AC128	AC153	2N2431	2N4106	2SA219		01
2N138B				AC117	OC318	2N270	2N406			01
2N138B				AC125						01
2N139	G	P	ET, NP, UP	AF185	AF127	2N2614		2S36		01
2N139				AF106	OC44N					01
2N139				AFY15	AF190					01
2N139				AF101						01
2N140	G	P	ET, NP	AF185	AF127	2N2614		2SA35		01
2N140				AFY15	OC44N					01
2N140				AF117	SF1354					01
2N141	G	P	SY	AD148V	AD139	2N1038	2N1172	2SB240	2N142	06
2N141				OC30	OD603					06
2N141/13	G	P	St	AD162		2N2835				06
2N142	G	N	SY			2N144			2N141	06
2N142/13	G	N	St	AD161		2N4077				06
2N143	G	P	SY	OC30	OD603	2N141	2N1038	2SB240	2N144	06
2N143				AD162						06
2N143/13	G	P	St						2N143	06
2N144	G	N	SY							06
2N144/13	G	N	St							06
2N145	G	N	ET, NP, UP	(AC127)	ASY73	2N1302	2N1304			02
2N145				ASY29						02
2N146	G	N	ET, NP	(AC127)	AUY19	2N1302	2N1304			02
2N146				ASY74	ASY29					02
2N147	G	N	ET, ME, NP	(AC127)	AUY19	2N1302	2N1304			02
2N147				ASY29						02
2N148	G	N	St, TX	ASY29		2N1302	2N1304			02
2N148A	G	N	TX	ASY29		2N1304				02
2N155	G	P	SD, ST, ET, ES, NP	AD130III	AD148	2N176	2N301	2SB107		06
2N155				AD149	OC26	T13027	2N1536			06
2N155				OC30	ASZ16					06
2N156	G	P	ST, SQ	(AD131III)	AD149	2N2836	2N176	2SB107		06
2N156				OC26	OC30	T13027	2N1536			06
2N156				ASZ16						06
2N157	G	P	GB	AD150IV	AD138	2N1531	2N1022A	2SB107		06
2N157				OC26	OC30	2N1038	2N1536			06
2N167				OD603	ASZ16					06
2N157A	G	P	CB	OC26	OC30	2N1532	2N1014			06
2N157A				OD603	ASZ15	2N1533				06
2N158	G	P	ST, SQ, St	(AD132III)	AD166	2N2139	T1156			06
2N158				AD149	OC26	T13017	2N1536			06
2N158				OC30	ASZ15					06
2N158A	G	P	ES, St	ASZ16	ASZ15	2N2141	T13027			06
2N158A						2N1533				06
2N160	S	N	ET, NP, SM, SQ, UP	(BC107A)	BC107	2N160A	A157			01
2N160A	S	N	ET, NP, SM, SQ	(BC107A)	BC107	2N161A	A157			01
2N161	S	N	ET, NP, SM, SQ	(BC107A)	BC107	2N161A	A157			01
2N161A	S	N	ET, NP, SM, SQ	(BC107A)	BC107	2N163A	A157			01
2N162	S	N	ET, NP, UP	(BC107A)	BC107	2N162A	A157			01
2N162A	S	N	ET, NP, UP	(BC107A)	BC107	2N163A	A157			01
2N163	S	N	ET, NP, SM, UP	(BC107A)	BC107	2N163A	A157			01
2N163A	S	N	ET, NP, SM	(BC107A)	BC107	2N162A	A157			01
2N164	G	N	ET	(AC127)		2N165				02
2N164A	G	N	ET	(AC127)	ASY29	2N1304				02
2N165	G	N	ET	(AC127)	ASY73	2N1304				02
2N165				ASY29	ASY74					02
2N166	G	N	ET	(AC127)						02
2N167	G	N	ET	(AC127)	ASY29	2N1090	2N1306			02
2N167						2N1304				02
2N167A	G	N	ET	(AC127)	ASY29	2N1304				13
2N168	G	N	ET	(AC127)	ASY73	2N1306	2N1304	HJ23D		02
2N168				ASY29						02
2N168A	G	N	ET	(AC127)	ASY76	2N1304				02
2N168A				ASY28						02
2N169	G	N	ET, SR	AC127	ASY29	2N1306	2N1304	2S36		02
2N169				ASY75						02

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N169A	G	N	ET, SR	(AC127)	ASY75	2N1304		2S36		01
2N169A	G	N	ET, SA	ASY29 (AC127)	ASY74	2N1308	2N1304	2SA206		01
2N170	G	N	ET	ASY29 (AC127)	ASY74	2N1308	2N1304	2SA206		02
2N172	G	N	ET	ASY29 AUY211V ADZ11 ADZ12 ADZ12	AD138/50 ASZ16	T13027	2N1100			02
2N172	G	P	DD, MO	ADZ12		T13027	2N1100			06
2N173	G	P	DD, MO	ADZ12		T13027	2N1100			06
2N173	G	P	DD, MO	ADZ12		T13027	2N1100			06
2N174	G	P	DD, MO	ADZ12		T13027	2N1100			16
2N174A	G	P	DD	ADZ12		T13027	2N1100			16
2N175	G	P	ET	AC163 AC122 AC125 (AD1311V)	AC122g OC16	2N1192	2N406	2SB221		
2N175	G	P	MO, SR, ET	AD149	AD149	2N2836	T13027	2SB107		02
2N176	G	P	MO, ET	AC166 OD603 (AD149IV)	OC30 ASZ16 AD166 ADZ16	2N1536	2N1536	2SB107		02
2N176	G	P	MO	AD149		2N176				01
2N178	G	P	ET	AC128	AC153	2N2431	2N1192	2S32		01
2N180	G	P	ET	AC117	AC132	2N217	2N406			01
2N181	G	P	ET	AC128	AC162	2N2431	2N1192	2SB222		01
2N181	G	P	ET	AC131	AC132	2N270	2N406			01
2N181	G	P	ET	AC152						01
2N182	G	N	ET	ASY74 ASY29	ASY73	2N1302	2N1304			10
2N182	G	N	ET	ASY74 ASY29	ASY29	2N1302	2N1304			10
2N183	G	N	ET	ASY74	ASY29	2N1306	2N1304			10
2N184	G	N	ET	ASY75	ASY29	2N1306 2N2706	2N1304			10
2N184	G	N	ET	ASY75	ASY29	2N1306 2N2706	2N1304			10
2N185	G	P	ET	AC128 AC124 AC132	AC153 AC122	2N2431 2N2430	2N650 2N362	2SB221		01
2N185	G	P	ET	AC128 AC123	AC153 AC132	2N2431 2N2706	2N1191 2N4106			01
2N186	G	P	ET	AC152 AC128		2N217 2N2431	2N1191			01
2N186A	G	P	ET	AC128		2N270	2N2706			01
2N187	G	P	ET, NP, UP	AC128 AC122	AC153 OC72	2N2431 2N2706	2N1191 2N4106	2SB220		01
2N187	G	P	ET, NP, SR, UP	AC128 AC153	AC117	2N633 2N2431 2N270	2N1191 2N2706	2S37		01
2N187A	G	P	ET, NP, St, UP	AC128 AC122	AC153 AC117	2N2431 2N2706	2N1191 2N2430	2SB220		01
2N188	G	P	ET, NP, SR, St, UP	AC128 AC131 AC153	AC162 AC125	2N109 2N2431 2N270	2N1191 2N2706	2SB222		01
2N188A	G	P	ET, NP, SR, St, UP	AC126	AC162	2N2429	2N1191	2SB222		01
2N189	G	P	ET, NP, SR, St, UP	AC131 AC122 AC126 AC125 AC122	AC128 AC125 AC151 AC128	2N2706 2N465 2N2429 2N2706	2N270 2N1191 2N408	2SB219		01
2N189	G	P	ET, NP, SR, St, UP	AC128 AC131 AC126	AC153 AC125	2N2431 2N2706 2N270	2N1192 2N1190	2SB220		01
2N191	G	P	ET, NP, SR, St, UP	AC128 AC131 AC126	AC163 AC126	2N2431 2N2431 2N1191	2N1193 2N270	2SB221		01
2N191	G	P	ET, NP, SR, St, UP	AC128 AC131	AC163 AC126	2N2431 2N1191	2N1193 2N270	2SB221		01
2N192	G	N	ET, NP, St, UP	AC122 ASY28	ASY29	2N313 2N1304	2N1302	2SA31		01
2N193	G	N	ET, NP, St, UP	ASY73	ASY29	2N313 2N1304	2N1302	2SA31		02
2N193	G	N	ET, NP, St, UP	ASY73	ASY29	2N313 2N1304	2N1302	2SA31		02
2N194	G	N	ET, NP, St, UP	ASY73	ASY29	2N313 2N1304	2N1302	2SA31		02
2N194A	G	N	ET, NP, St, UP	ASY73	ASY29	2N313 2N1304	2N1302	2SA31		02
2N195	G	P	TR	AC128 AC132	AC131 AC125	2N1304 2N2432	2N217 2N406			
2N195	G	P	TR	AC128 AC131	AC163 AC132	2N2432 2N406	2N4106 2N265	2SB221		
2N196	G	P	TR	AC126 AC128 AC131	AC163 AC132	2N403 2N2431 2N265	2N4106 2N403	2SB221		
2N196	G	P	TR	AC126 AC128 AC131 AC125	AC163 AC132	2N403 2N2431 2N265	2N4106 2N403	2SB221		
2N197	G	P	TR	AC126 AC128 AC131 AC125	AC163 AC132	2N403 2N2431 2N265	2N4106 2N403	2SB221		
2N197	G	P	TR	AC126 AC128 AC131 AC125	AC163 AC132	2N403 2N2431 2N265	2N4106 2N403	2SB221		
2N198	G	P	TR	AC126 AC128 AC131 AC125	AC163 AC132	2N403 2N2431 2N265	2N4106 2N403	2SB221		

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N198				AC131	AC132	2N406	2N217			
2N198				AC162	AC125	2N403				
2N199	G	P	TR	AC128	AC163	2N2431	2N4106	2SB170		
2N199				AC131	AC132	2N406	2N198			
2N199				AC162	AC125	2N403				
2N200	G	P	TR	AC126	AC153	2N2429	2N331			
2N200				AC131	AC125	2N406				
2N200				OC71						
2N204	G	P	TR	AC151V	AC131	2N1373	2N1377			
2N204				AC138	AC128	2N406				
2N204				AC125	OC71					
2N205	G	P	TR	AC151V	AC131	2N1372	2N1377			
2N205				AC138	AC128	2N406				
2N205				AC125	OC71					
2N206	G	P	ET, NP, UP	AC126	AC128	2N2429	2N2431	2S39		01
2N206				AC153	AC125	2N2706	2N1191			01
2N206				AC122	OC71	2N1193				01
2N206				AC163						01
2N207	G	P	ET, NP, UP	AC122	AC163	2N1193	2N1372	2SB221		01
2N207				OC71	AC125	2N1377	2N406			01
2N207A	G	P	ET, NP, UP	AC151	AC122	2N1190	2N1193	2SB221		01
2N207A				AC125	AC107	2N406	2N1372	2SB32		01
2N207A				AC150	AC162	2N536				01
2N207B	G	P	ET, NP, UP	AC163	AC150	2N1193	2N535	2SB32		01
2N207B				AC125	AC122	2N536	2N406			01
2N207B				AC107	AC162					01
2N211	G	N	ET, NP, UP	(AC127)	ASY28	2N1302	2N1304			02
2N211				AF190	ASY29					02
2N212	G	N	ET, NP, UP	(AC127)	ASY28	2N1059	2N1302			02
2N212				ASY29		2N1304				02
2N213	G	N	ET, NP, UP	AC127	ASY28	2N2430	2N1304			01
2N213				ASY29						01
2N213A	G	N	ET, NP, St	AC127	AC176	2N2430				01
2N214	G	N	ET, NP, SR, UP	AC127	AC176	2N2430	2N1192			01
2N214						2N1304				01
2N214A	G	N	ET, NP, St	(AC127)	AC176	2N2430				01
2N215	G	P	ET, NP, SR	(AC151V)	AC126	2N2429	2N1189	HJ15		01
2N215				AC122	AC125	2N406	2N237			01
2N215				AC128	AC117	2N404				01
2N215				AC153						01
2N216	G	N	ET, NP, UP	AC127	AC130	2N1302	2N1304			02
2N216				ASY28	OC139					02
2N216				ASY29						02
2N217	G	P	ET, NP, NU, SR, UP	AC128	AC151V	2N2431	2N1192	HJ17D		01
2N217				AC131/30	AC106	2N2706	2N4106			01
2N217				AC132		2N404				01
2N218	G	P	ET, NP, SS, UP	(AC121V)	AF185	2N404	2N2614	HJ22D		01
2N218				AC121V	AFY15					01
2N218				OC44N	AF101					01
2N218				AF181	OC45					01
2N219	G	P	ET, NP, UP	(AC121V)	AF185	2N404	2N2614	HJ23D		01
2N219				AC121V	AC131V	2N406				01
2N219				OC44N	AFY15					01
2N219				AF101	ASZ20					01
2N220	G	P	ET, NP, SR, St	(AC121V)	AC126	2N2429	2N1189			01
2N220				AC125						01
2N221A	S	N		BCY86						
2N222	G	P		AC126		2N2429	2N2439			
2N223	G	P	ET, NP, St, UP	AC128	AC153	2N2431	2N1193	2SB222		01
2N223				AC117		2N2706	2N4106			01
2N224	G	P	ET, NP, St, UP	AC153	AC117	2N1192	2N4106	2SB222		01
2N224				AC128		2N406	2N2706			01
2N225	G	P	ET, NP, St, UP	AC128	AC153	2N2431	2N1193	2SB226		01
2N225				AC131	AC108	2N224X2	2N4106			01
2N225				AC117		2N404				01
2N226	G	P	ET, NP, St, UP	AC128	AC153	2N2431	2N1192	2SB226		01
2N226				AC117	OC308	2N2706	2N1406			01
2N226						2N404				01
2N227	G	P	ET, NP, UP	AC128	AC153	2N2431	2N1406	2SB226		01
2N227				AC117	OC308	2N226X2	2N270			01
2N227						2N404				01
2N228	G	N	ET, NP, UP	AC127	AC176	2N2430				01
2N228				AC127	AC130	2N2430	2N1302			01
2N229	G	N	ET, NP, UP	AD149	OC30	2N2838		2SB107		06
2N230	G	P	MR	OC26			2N325			06
2N230										06

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N231	G	P	NP, SP	AF126	AF137	2N404	2N218			02
2N231				AF136	OC45					02
2N231				AF124						02
2N232	G	P	St	AF126	AF137	2N404	2N218			02
2N232				AF136	OC45	2N990				02
2N232				AF124						02
2N233	G	N	ET, NP, UP	AC127	AC130	2N1306	2N1304			02
2N233				ASY29						02
2N233A	G	N	ET, NP, UP	AC130						02
2N234	G	P	SD	AD131IV	AD149	2N2836	2N554	2SB107		06
2N234				OC30	OC26	2N1536	T1156			06
2N234				ASZ16		2N301				06
2N234A	G	P	ET, SD, ST, NP, SR	AD130IV	AD149	2N2836	2N555	2SB107		06
2N234A				AD150	ASZ16	2N1536				06
2N235	G	P	SD	AD131IV	AD149	2N2836	2N350A	2SB222		06
2N235				AD131	OC26	2N1536	2N301			06
2N235				AC126	ASZ16	T13027				06
2N235A	G	P	ET, SD, ST	AD131IV	AD149	2N2836	2N3611			06
2N235A				AD131	AUY19	2N1536	2N301			06
2N235A				OC26	ASZ16	T13027				06
2N235B	G	P	ET, SD, ST	AD131IV	AD149	2N2836	2N3616			06
2N235B				AD131	OC26	T13027	2N1536			06
2N235B				ASZ16						06
2N236	G	P	SD	AD132IV	AD149	2N2836	2N350A	2SB250A		06
2N236				AD131	AC126	2N1536	2N235			06
2N236				AC117	ASZ16	T13027				06
2N236A	G	P	ET, SD, ST	AD132IV	AD131	2N351A	2N301			06
2N236A				AUY19	AD149	T13027	2N1536			06
2N236A				OC26	ASZ16					06
2N236B	G	P	ET, SD, ST	AD132IV	AD131	2N376A	2N1078	2SB107A		06
2N236B				AD149	OC26	T13027	2N1536			06
2N236B				OC30	ASZ16					06
2N237	G	P	ET, NP, UP	AD131	AC126	2N220	2N404	HJ15		01
2N237				AC117	AC153					01
2N237				OC72	AC125					01
2N238	G	P	ET, NP, St, UP	AC126	AC126	2N2429	2N2431	2SB101		01
2N238				AC153	AC122R	2N2706	2N1192			01
2N238				AC132	OC72	2N4106				01
2N239	G	P		AC153	AC122R	2N4106		2SB226		01
2N239				AC126	AC117					01
2N240	G	P	NP, SM, SP, SQ, St	AC163	AC122R	2N404	2N582	2SB32		10
2N240				AC126	AF124	2N990				10
2N241	G	P	ET, NP, St, UP	AC163	AC131	2N321	2N4106	2SB221		01
2N241				AC126	AC117	2N2706	2N281			01
2N241				AC153		2N404				01
2N241A	G	P	ET, NP, SR	AC126	AC117	2N2431	2N321	2SB226		01
2N241A				AC153		2N270	2N2706			01
2N241A						2N1536				01
2N242	G	P	MO, ET, NP, SR, UP	(AUY21IV)	AC126	2N2431	2N4106	2SB221		01
2N242				AC163	AC131	2N282	2N1501	2SB248A		01
2N242				ASZ16	AC117					01
2N242				AC153	AD149					01
2N243	S	N	TX, ET, NP, SQ	BSX45	BFY10	2N2297				01
2N243				BFY50						01
2N244	S	N	TX, ET, NP, SQ	BFY10	BFY50	2N2297				01
2N245	S	N		BFY50		2N2297				02
2N246	S	N		BFY50		2N2297				02
2N247	G	P	RC, SY	AF185	AF126	2N2188	2N990	2S43		02
2N247				AF136	AF116					02
2N247				AF125	AF124					02
2N248	G	P	ET, TX	AF185	AF126	2N2188	2N267	2SA215		01
2N248				AF136	AF116	2N990				01
2N248				AF125	AF124					01
2N249	G	P	ET, NP, UP	AC126	AC153	2N2431	2N270	2SB226		01
2N249				AC117	ACY17	2N1176				01
2N250	G	P	ET, ST, NP, SR, SS	AD130IV	AD149	2N2836	2N3611	2SB226		06
2N250				AD130V	AD136	2N250	2N456A			06
2N250				AC126	AC153					06
2N250				ASZ16						06
2N250A	G	P	ET, ST, NP, SR, UP	AD149	ASZ16	2N2836	2N3611			06
2N250A						2N1536				06
2N251	G	P	ET, ST, NP, SR, SS	AD131IV	AUY22III	2N1530	2N301A	2SB201		06
2N251				OC30	ASZ15	2N456A	2N1536	2SB107		06
2N251				OD603	ASZ16					06
2N251A	G	P	ET, ST, SR, NP, UP	(AUY22IV)	ASZ16	2N3616	2N251			06

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N251A						2N456A	2N1536			06
2N252	G	P	ET, NP, UP	AF185	AF127	2N374	2N2188	ST37D		02
2N252				AF106	AF101	2N990				02
2N252				OC613	AF124					02
2N253	G	N	ET, NP, UP	ASY73	ASY29	2N1302	2N1304			02
2N254	G	N	ET, NP, UP	ASY73	ASY29	2N1302	2N1304			02
2N255	G	P	ST, ES, ET, NP, UP	(AD130III)	AD149	2N2836	2N554	2SB107		06
2N255				AD148	OC26	2N1536				06
2N255				ASZ16						06
2N255A	G	P	ST, ET, NP, SS, UP	(AD130III)	AD149	2N2836	2N1536			06
2N255A				ASZ16						06
2N256	G	P	ST, ES, ET, NP, UP	(AD130III)	AD149	2N2836	2N555	2SB107		08
2N256				OC26		2N1536	2N301			06
2N256				OC30	ASZ16	TI3027				06
2N256A	G	P	ST, ET, NP, SR, UP	(AD130III)	AD149	2N2836	TI3027			06
2N256A				AD148	ASZ16	2N1536				06
2N257	G	P	ST, ET, NP, SR, UP	(AUY21III)	AD149	2N2836	2N3611	2SB107A		06
2N257				AD150IV	AD138	2N301	TI3027			06
2N257				OC26	ASZ16	2N1536				06
2N257A	G	P		AD149		2N2836				06
2N257B	G	P	ST, ET, NP, UP	(AUY21IV)	ASZ16	2N257W	2N1536			
2N257G	G	P	ST, ET, NP, UP	(AUY21III)	AD149	2N2836	2N257B			
2N257G				ASZ16		2N257W	2N1536			
2N257W	G	P	ST, ET, NP, UP	(AUY21IV)	AD149	2N2836	2N1536			
2N257W				ASZ16						
2N260	S	P	CV	BC177		2N3965				01
2N260A	S	P	CV	BC177		2N3965				01
2N261	S	P	CV	BC177		2N3965				01
2N262	S	P	CV	BC177		2N3965				01
2N262A	S	P	CV	BC177		2N3965				01
2N263	S	N	TX, NP, SM, SQ	BC107		A157				01
2N264	S	N	TX, NP, SM, SQ	BC107		2N337	A157			01
2N265	G	P	ET, NP, UP	AC128	AC151	2N2431	2N1175	2SB221		01
2N265				AC122	AC132	2N408	2N406			01
2N265				AC163	AC125					01
2N266	G	P	GE	AC128	AC151	2N2431	2N408	2SB219		01
2N266				AC122	AC132	2N381				01
2N266				AC163						01
2N267	G	P	St, RC	AF185	AF126	2N247	2N2188	2SA215		02
2N267				AF136	AF124	2N390				02
2N267				AF116	AF125					02
2N268	G	P	ST, ET, NP, SR, UP	(AUY22IV)	AD132II	2N1530	2N301	2SB249		06
2N268				ASZ15	OC36	TI3027	2N1533			06
2N268A	G	P	ST, ET, NP, SR, UP	(AUY22IV)	ASZ15	2N1536	TI3027			16
2N268A						2N1533				16
2N269	G	P	ET, NP, St, UP	ASZ15	ASY26	TI3027	2N1303			10
2N269				ASY27		2N1305				10
2N270	G	P	ET, NP, UP	AC128	AC153	2N2431	2N1193	HJ34		01
2N270				AC151	AC106	2N2706	2N4106			01
2N270						2N404				01
2N271	G	P	ET, NP, UP	AF185	ASY27	2N2905	2N404			02
2N271				OC44		2N1305	2N1707			02
2N271						2N1307				02
2N271A	G	P	ET, NP	AF185	OC44	2N404	2N1307			02
2N271A				ASY27		2N1305				02
2N272	G	P	ET, NP, UP	AC126	AC128	2N2429	2N2431	2SB33		01
2N272				AC153	AC125	2N406	2N4106			01
2N272				AC117R	GFT32	2N273				01
2N272				OC72						01
2N273	G	P	ET, NP, UP	AC128	AC153	2N2431	2N4106	2SB33		01
2N273										
2N273				AC117	AC132	2N109	2N2706			01
2N274	G	P	St	AF126	AF124	2N2188	2N990			02
2N277	G	P	DD, MO, NP, PH, UP	ADZ11	ADZ11	2N1100				06
2N277				ADZ12						06
2N277A	G	P		AC176		2N2480				06
2N278	G	P	DD, MO, NP, SS, UP	ADZ11	ADZ12	2N1100				06
2N279	G	P	ET, NP, UP	AC128	AC151V	2N2431	2N650	2SB37		01
2N279				AC122/30	AC125	2N406	2N4106			01
2N279				AC131	AC152	2N119				01
2N280	G	P	ET, PH, NP, UP	AC151V	AC126	2N2429	2N2480	2SB33		01
2N280				AC151V	OC71	2N650	2N4106			01
2N280				AC122/30	AC125	2N406				01
2N280				AC117						01
2N281	G	P	ET, PH, NP, UP	AC151V	AC153	2N2431	2N651	2SB221		01
2N281				AC128	AC122/30	2N2706	2N4106			01

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N281				AC125	AC117	2N2907				01
2N281				AC132						01
2N282	G	P	ET, PH, NP, UP	AC151V	AC128	2N4106	2N281X2	ZSB225		01
2N282				AC153	AC122/30					01
2N282				AC125	AC117					01
2N282				AC132						01
2N283	G	P	ET, NP, UP	AC151V	AC151	2N650	2N4106	ZSB225		10
2N283				AC122	AC125	2N403		ZSB220		10
2N283				AC126	AC131					10
2N283				AC152						10
2N284	G	P	ET, PH, NP, UP	ASY48IV	AC151	2N464	2N563	ZSB219		10
2N284				AC122/30	AC122	2N406				10
2N284				AC125	AC131					10
2N284				AC152	ASY76					10
2N284A	G	P	ET, NP, UP	ASY48IV	AC125	2N2706				10
2N285	G	P	SD	AD149	AUY22I11	2N2836	2N3617			06
2N285				AUY28	ASZ15	2N1536				06
2N285				ASZ16						06
2N285A	G	P	ET, NP, SR	AD149	ASZ16	2N2836	2N3617			06
2N285A						2N1536				06
2N285B	G	P	ET, NP, SR	AD149	ASZ16	2N2836	2N1536			06
2N290	G	P	OD	AD149	ADZ12	2N2836	2N1100			06
2N291	G	P	ET, NP, UP	AC128	AC153	2N2431	2N1191	ZSA219		01
2N291				AC131	AC117	2N4106	2N2706			01
2N292	G	N	ET, NP, SR, UP	ASY74	ASY26	2N1302	2N1304			02
2N292				ASY29						02
2N292A	G	N	ET, NP, UP	ASY29		2N164A	2N1304			02
2N293	G	N	ET, NP, SR, UP	ASY29		2N1304		HJ230		02
2N296	G	P	ET, NP, SR, St, UP	AD149	OC30	2N1531	2N456A	ZSB107		01
2N296				OD603	ASZ15	2N3146	2N1533			01
2N297	G	P	MO, ET, NP, SR, UP	{AUY21IV}	AD131IV	2N297A	T13027	ZSB252		06
2N297				AD138	OC30	T13028	2N1536			06
2N297				ASZ15	OD603					06
2N297				ASZ16						06
2N297A	G	P	MO, ET, NP, SR, UP	{AUY21IV}	ASZ15	2N457	2N2188			06
2N297A				AD131IV	ASZ16	2N1536				06
2N299	G	P	St, PH	AF124	AF135	2N623	2N2188	ZSA116		02
2N299				AF194	AF114	2N990				02
2N299				AF130						02
2N300	G	P	PH	AF178	AF124	2N2495	2N2188	ZSA116		02
2N300				AF135	AF194	2N990				02
2N300				AF114						02
2N301	G	P	ET, MO, SD	AD131IV	AD149	2N2836	2N3611	HJ35		06
2N301				AD131	OC16	2N257	2N1536			06
2N301				AD148	ASZ16					06
2N301A	G	P	ET, MO, SD	AD132IV	ASZ15	2N3612	2N1536	ZSB42		06
2N301A				OC22	ASZ16					06
2N302	G	P	ET, NP, UP	AC128	AC153	2N2431	2N4106	ZSB34		02
2N302				AC131	AC117	2N1431	2N1305			02
2N302				ASY27						02
2N303	G	P	ET, NP, UP	AC128	AC117	2N2431	2N269	ZSB34		02
2N303				AC153	ASY27	2N305				02
2N306	G	N	ET, NP, UP	ASY28		2N406		ZSB32		01
2N306A	G	N	ET, NP, SR	AC127		2N2430				01
2N307	G	P	MO, ET, NP, SR, UP	{AUY21IV}	AC162	2N4106	2N301	ZSB240		06
2N307				AC122	OC30	2N1536				06
2N307				ASZ16	AC128					06
2N307				AC125	OC26					06
2N307A	G	P	MO, ET, SR, UP, UT	{AUY21IV}	AD149	2N238	2N353	ZSB41		06
2N307A				OC26	OC30	2N1536				06
2N307A				OD603	ASZ16					06
2N307B	G	P	ET, NP, UP	ADZ16		2N1536				06
2N308	G	P	ET, NP, UP	AF185	AF127	2N373	2N799	ZSA155		02
2N308				AF101	AF117	2N909				02
2N308				AF124						02
2N309	G	P	ET, NP, UP	AF185	AF126	2N373	2N990	ZSA156		02
2N309				AF137	OC45					02
2N309				AF131	AF124					02
2N310	G	P	ET, NP, UP	AF185	AF126	2N1111	2N1112	ZSA156		02
2N310				AF136	AF116	2N990				02
2N310				AF127						02
2N311	G	P	ET, NP, St, UP	AC153	AC131	2N4106	2N404	ZSA156		16
2N311				AC128	AC117	2N461	2N406	ZSB220		16
2N311				AC126	AC125					16
2N312	G	N	ET, NP, St, UP			2N585	2N1304	ZSD11		16

TYPE	M/S	POI	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N313	G	N	GE	ASY29		2N292	2N1304			
2N314	G	N	GE	ASY29		2N293	2N1304			
2N315	G	P	ET, NP, St, UP	ASY27		2N578	2N1305			10
2N315A	G	P	ET, NP, SS, St, UP	ASY27		2N1305				10
2N315B	G	P	St	ASY27		2N1305				10
2N316	G	P	ET, NP, St, UP	ASY27		2N579	2N1305			10
2N316A	G	P	ET, NP, St, UP	ASY27		2N1305				10
2N317	G	P	ET, NP, St, UP	ASY27		2N592	2N582			10
2N317A	G	P	ET, NP, St, TX, UP	ASY27		2N1305				10
3N318	P	P								04
2N319	G	P	MO, GE, ET, NP, UP	(AC152IV)	AC128	2N2431	2N270	2SB219		01
2N319				AC151	AC117	2N2706				01
2N319				AC122	AC126					01
2N320	G	P	MO, GS, ET, NP, UP	(AC152IV)	AC126	2N2429	2N319	2SB220		01
2N320				AC151	AC117	2N270	2N2706			01
2N320				AC128	AC190					01
2N330				AC153						01
2N321	G	P	MO, GS, ET, NP, UP	(AC152V)	AC126	2N2429	2N319	2SB226		01
2N321				AC151V	AC117	2N270	2N1176			01
2N321				ACY17	AC128					01
2N321				AC190	AC153					01
2N322	G	P	MO, GS, ET, NP, UP	(AC152IV)	AC128	2N2431	2N319	2SB221		01
2N322				ASY26	AC117	2N1130	2N1176			01
2N322				AC153	ACY17					01
2N323	G	P	MO, GS, ET, NP, UP	(AC152V)	AC128	2N2431	2N319			01
2N323				ASY26	AC132	2N270	2N1305			01
2N323				AC153	ASY27					01
2N324	G	P	MO, GS, ET, NP, UP	(AC152V1)	AC128	2N2431	2N319	2SB222		01
2N324				AC153	AC117	2N4106	2N407			01
2N324				AC118	ASY17	2N1305				01
2N325	G	P	SY	AD149	OC30		2N3611	2SB107		01
2N325				OD603	ACY17	2N1536				01
2N326	G	N	NP, St	AD161		2N4077		2SB41		01
2N327	S	P	St	BCY27	BC177	2N1479		2SB34		01
2N327				BC210	BCY32					01
2N327				BC261	BC212					01
2N327				BC204						01
2N327A	S	P	ET, NP, SR, St, UP	BCY32		2N1475				05
2N327B	S	P	SR, SS, St, TD	BCY32		2N1475				05
2N318	S	P	St	BC210	GFT31/15	2N1475		2SB34		01
2N318				SFT124	BCY32					01
2N328A	S	P	ET, NP, SR, St, TD	BCY32		2N1475				05
2N328B	S	P	SR, St, TO, SQ	BFS95		2N4036				05
2N329	S	P	St	GFT31/15	SFT124	2N1475		2SB34		01
2N329				BCY32						01
2N329A	S	P	ET, NP, SR, SQ, UP	BCY29	BCY32	2N1475				05
2N329B	S	P	SR, SQ, TD	BFS95		2N4036				05
2N330	S	P	RY	GFT31/15	SFT124	2N1475		2SB34		01
2N330				BCY32						01
2N330A	S	P	SM, SQ, SS	BCY32		2N1475				05
2N331	G	P	ET, MO, NP	ASY26	AC117	2N4106	2N1291	2SB225		01
2N331				AC128	AC153	2N1502	2N1176			01
2N331				ACY17						01
2N332	S	N	ET, TX, NP, St, UP	(BC107A)	BC140-6	2N2297				02
2N332				BFY50						02
2N332A	S	N	ET, NP, SQ, St, UP	(BC107A)	BC140-6	2N2297				01
2N332A				BFY10	BFY50					01
2N333	S	N	ET, TX, NP, St, UP	(BC107A)	BC140-6	2N2297				02
2N333				BSY44	BFY11					02
2N333				BFY50						02
2N333A	S	N	ET, NP, SS, St, UP	(BC107A)	BFY50	2N2297				01
2N334	S	N	ET, TX, NP, St, UP	(BC107A)	BC140-6	2N2297				02
2N334				BSY44	BSY11					02
2N334				BFY50						02
2N334A	S	N	ET, SR, SQ, St, TR	(BC107A)	BFY50	2N2297				01
2N334B	S	N		BFY50		2N2297				01
2N335	S	N	ET, TX, NP, TR, UP	(BC107A)	BC140-6	2N2297				02
2N335				BSY44	BSY11					02
2N335				BFY50						02
2N335A	S	N	ET, ST, TR, UP	(BC107A)	BFY50	2N2297				01
2N335B	S	N	ET, NP, SR, ST, UP	(BC107A)	BFY50	2N2297				01
2N336	S	N	ET, TX, St, TR, UP	(BC107A)	BC140-10	2N2297				02
2N336				BFY11	BFY50					02
2N336A	S	N	ET, NP, SR, St, UP	(BC107A)	BC140-16	2N2297				01

TYPE	IMS	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N336A				BSY44	BSY11					01
2N336A				BFY50						01
2N337	S	N	ET, TX, PH, St, UP	(BC107A)	BSY11	2N2297				10
2N337				BFY60						10
2N337A	S	N	ET, NP, St, TR, UP	(BC107A)	BFY60	2N2297				01
2N338	S	N	ET, TX, NP, PH, UP	(BC107A)	BFY11	2N2297				10
2N338				BFY50						10
2N338A	S	N	ET, NP, St, TR, UP	BC107A	BSY11	2N2297				01
2N338A				BFY50						01
2N339	S	N	ET, TX, NP, St, UP	BCY65EVII	BSY10	2N2297				01
2N339				BFY50						01
2N339A	S	N	ET, NP, SQ, St, UP	BCY65EVII	BFY60	2N2297				02
2N340	S	N	ET, TX, NP, SQ, UP	(BCY65EVII)	BSW66	2N1893				01
2N340A	S	N	ET, NP, SQ, St, UP	(BCY65EVII)	BSX46	2N1893				02
2N340A				BSW66						02
2N341	S	N	ET, TX, NP, St, UP	(BF467)	BF178	2N1893				01
2N341				BF114	BF109					01
2N341				BFY43	BSW66					01
2N341A	S	N	ET, NP, SR, St, UP	(BF457)	BSW66	2N1893				02
2N342	S	N	ET, TX, NP, SQ, UP	BCY65EVII	BSY10	2N1893				01
2N342				BFY50						01
2N342A	S	N	ET, NP, SQ, St, UP	(BCY65EVIII)	BSW66	2N1893				01
2N342B	S	N	ET, SQ, St	(BCY65EVII)	BSW66	2N1893				01
2N343	S	N	ET, TX, NP, SR, UP	BCY65EVII	BCY59	2N1893				01
2N343				BSY10	BSW66					01
2N343A	S	N	ET, NP, St, UP	BCY65EVII	BFY50	2N2297				01
2N343B	S	N	ET, NP, UP, SQ	BCY65EVII	BFY60	2N2297				01
2N344	G	P	NP, SP, SQ	AC126	AF137	2N274	2N345	HJ74		02
2N344				AF126	AF153	2N404	2N990	HJ75		02
2N344				AF116	AF124					02
2N345	G	P	NP, SP, SQ	AC126	AF137	2N274	2N404	HJ75		02
2N345				AF126	AF153	2N990				02
2N345				AF116	AF124					02
2N346	G	P	NP, SM, SR, SP, SQ	AF114	AF124	2N404	2N990	ZSA235		02
2N346				AF135		2N504				02
2N347	S	N	BG	BFY60		2N2297				06
2N348	S	N	BG	BSW66		2N1893				06
2N349	S	N	BG	BSW66		2N1893				06
2N350	G	P	MO, ET, NP, SR, UP	(AU Y21IV)	AD149	2N2836	2N301	ZSB248		06
2N350				AD138	OC26	T13027	2N1536			06
2N350				OC30	ASZ16					06
2N350A	G	P	MO, ET, NP, SR, UP	(AU Y21IV)	AD149	2N2836	2N1536			02
2N350A				ASZ16						02
2N351	G	P	MO, ET, NP, SR, UP	(AU Y21IV)	AD149	2N2836	T13027			06
2N351				OC30	ASZ16	2N1536				06
2N351A	G	P	MO, ET, NP, SR, UP	(AU Y21IV)	AD149	2N2836	2N1536			06
2N351A				ASZ16						06
2N352	G	P	PC	AD149	OC30	2N2836	2N1536	ZSB41		06
2N352				ASZ16						06
2N353	G	P	PC	AD149	OC30	2N2836	2N1536	ZSB41		06
2N353				ASZ16						06
2N354	S	P	PC	BC211	BC177	2N3965				02
2N355	S	P	PC	BC177		2N3965				10
2N355				ASY73	ASY29	2N1302	2N1304			10
2N356	G	N	ET, NP, St, SS, UP	ET, SS, St		2N1304				10
2N356A	G	N	ET, NP, St, SS, UP	ET, SS, St		2N1304				10
2N357	G	N	ET, NP, SS, St, UP	ASY75	ASY29	2N1302	2N1304			10
2N357A	G	N	ET, NP, SS, St, UP	ASY29		2N1304				10
2N358	G	N	ET, NP, SS, St, UP	ASY28	ASY75	2N1304				10
2N358				ASY29						10
2N358A	G	N	ET, NP, SS, St, UP	ASY29		2N1304				10
2N359	G	P	ET, NP, St, UP	AC153	AC117R	2N652	2N369	HJ17D		01
2N359				AC128	OC72	2N1305				01
2N359				ASY27						01
2N360	G	P	ET, NP, St, UP	AC153	AC117	2N1192	2N369	HJ17D		01
2N360				AC128	ASY27	2N1305				01
2N361	G	P	ET, NP, St, UP	AC153	AC131	2N1191	2N363	ZSB226		01
2N361				AC128	AC117	2N1305				01
2N361				ASY27						01
2N362	G	P	ET, NP, St, UP	AC126	AC153	2N2429	2N1192	ZSB227		01
2N362				AC131	AC128	2N1305				01
2N362				AC126	ASY27					01
2N362				AC131	AC128					01
2N362				AC126	ASY27					01
2N363	G	P	ET, NP, St, UP	AC126	AC153	2N2429	2N1192	ZSB227		01
2N363				AC131	AC128	2N1176		ZSB226		01
2N363				AC126	ACY17					01
2N364	G	N	ET, NP, UP	AC127	ASY29	2N2430	2N1304			10

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N365	G	N	ET, NP, UP	AC127	ASY29	2N2430	2N1304	ZT66		10
2N366	G	N	ET, NP, UP	AC127	ASY29	2N2430	2N1304			10
2N367	G	P	ET, NP, St, UP	AC126	AC153	2N2429	2N1191	ZSB101		10
2N367				AC131	AC128	2N1176				10
2N367				AC125	ACY17					10
2N368	G	P	ET, NP, St, UP	AC126	AC153	2N2429	2N1191	ZSB101		10
2N368				AC122	AC125	2N406				10
2N368				AC128	AC131					10
2N368				AC132						10
2N369	G	P	ET, NP, St, UP	AC153	AC117	2N1191	2N406	HJ170		10
2N369				AC128	AC125	2N4106	2N2429			10
2N370	G	P	NP	AF 185	AF 125	2N3324	2N990	HJ32		02
2N370				AF 135	AF 115					02
2N370				AF 124	OC614					02
2N371	G	P	RC	AF 185	AF 126	2N3324	2N426	HJ37		02
2N371				AF 136	AF 116	2N990				02
2N371				AF 124						02
2N371/33	G	P	SY	AF 124		2N990				02
2N372	G	P	NP, St	AF 185	AF 126	2N3324	2N990	HJ72		02
2N372				AF 136	AF 116					02
2N372	G	P	RC, SY	AF 124						02
2N373				AF 185	AF 126	2N2188	2N990	HJ73		02
2N373				AF 136	AF 124					02
2N373				AF 131	AF 116					02
2N373				AF 117						02
2N374	G	P	RC, SY	AF 185	AF 125	2N3325	2N384	HJ74		02
2N374				AF 135	AF 115	2N990				02
2N374				AF 117	AF 124					02
2N375	G	P	MO, ET, NP, SR, UP	(AD132IV)	AC153	2N4106	2N1324	ZSB249		06
2N375				AC117	AC128	2N1437	2N1533			06
2N375	G	P	MO, ET, NP, SR, UP	AC105	ASZ15					06
2N376				(AU Y21IV)	AD149	2N2836	2N1536	ZSB107A		06
2N376				OC30	OC26					06
2N376				ASZ16						06
2N376A	G	P	MO, ET, NP, SR, UP	(AU Y21IV)	ASZ16	2N1536				06
2N377	G	N	ET, NP, TX, St, UP	ASY75	ASY29	2N357	2N1301	ZSD11		10
2N377						2N1304				10
2N377A	G	N	ET, NP, St, UP	ASY29		2N1304				10
2N378	G	P	MO, ET, NP, SR, UP	(AU Y21IV)	AC153	2N106	2N561	ZSB246		16
2N378				AC117	AC128	2N1536	T13027			16
2N378				ASZ16						16
2N379	G	P	MO, DD, ET, NP, UP	(AU Y21IV)	ADZ11	2N1538	T13027			16
2N379				ASZ15		T13029				16
2N380	G	P	MO, DD, ET, NP, UP	(AU Y21IV)	AD149	T13027	T13030			16
2N380				ASZ15	ASZ16	2N1536				16
2N381	G	P	MO, ET, NP, St, SR	(ASY48IV)	AC153	2N4106	2N270	ZSB219		01
2N381				AC117A	AC128	2N1305	2N1176			01
2N381				AC162	ASY26					01
2N381				ACY17						01
2N382	G	P	MO, ET, NP, SR, UP	(ASY48V)	AC153	2N270	2N1176	ZSB220		01
2N382				AC117	AC125					01
2N382				AC128	ACY17					01
2N383	G	P	MO, ET, NP, SR, UP	(ASY48VII)	AC153	2N4106	2N270	ZSB221		01
2N383				AC131	AC128	2N1178				01
2N383				ACY17	AC125					01
2N383	G	P	NP, St	AC106	AC117					01
2N384				AF 118	AF 137	2N3325	2N4033	HJ74		02
2N384				AF 127	AF 135	2N2189	2N990			02
2N384				AF 136	AF 124					02
2N384/33	G	P	SY	AF 124		2N990				02
2N385	G	N	ET, NP, UP	ASY75	OC141	2N357	2N1304	ZSD11		10
2N385				ASY29						10
2N385A	G	N	ET, NP, UP	ASY29		2N1304				10
2N386	G	P	PC	AC153	AC117	2N1531	2N651A	ZSB247		06
2N386				AC126	AC128	2N1533	MP689			06
2N386				ASZ15						06
2N387	G	P	AC	AC153	AC117	2N1531	2N1358	ZSB247		06
2N387				AC125	AC128	2N1433	2N1533	ZSB252		06
2N387				ASZ15						06
2N388	G	N	ET, NP, NU, PH, TX	AC127	ASY29	2N1308	2N1304			10
2N388A	G	N	ET, TX, SR, TX, UP	(AC127)	ASY29	2N1304				10
2N389	S	N	TX, ET, SR, TR, UP	BDY39	AM291	2N3445	2N3055			06
2N389				BDY11	BLY17	2N5068				06
2N389				BDY20						06
2N389A	S	N	ET, NP, TX, St, UP	BDY20		2N5068				06

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N389/1	S	N	SQ	BDY20		2N3055				
2N391	G	P		AC153	AC117	2N651A				
2N391				AC125	AC128					
2N392	G	P	DD, EL, NP, SS, UP	AUY211V	AD138/50	2N1550	T13027			06
2N392				ASZ16		2N1538				06
2N393	G	P	ES, SP, SQ	ASZ20	AF124	2N967	2N990			10
2N393A	G	P		ASY27						
2N394	G	P	ET, NP, UP	AC152V	OC80	2N404	2N1305			13
2N394				OC76						13
2N394A	G	P	ET, SR, NP	ASY27		2N1305				13
2N395	G	P	SR, ET, NP, TX, UP	AF126	AF137	2N581	2N1305	2SA205		13
2N395				ASY26	ASY27	2N1308				13
2N396	G	P	ET, TX, ML, NP, UP	(AC1511V)	ASY26	2N393	2N404	2SA206		13
2N396				AF127	AF137	2N1305				13
2N396				OC45	ASY27					13
2N396A	G	P	ET, NP, PH, St, SR	(AC1511V)	ASY27	2N1305				13
2N397	G	P	ET, TX, NP, PH, UP	(AC1511V)	ASY26	2N582	2N1307			13
2N397				2G397	ASY27	2N1305				13
2N398	G	P	ET, MO, NP, St, TX	ASY77						16
2N398A	G	P	MO, ET, NP, St, TX			2N2043				01
2N398B	G	P	NP, St, TX			2N2043				16
2N399	G	P	ET, SD, ST, NP, UP	AD1311V	AD149	2N2836	2N351A	2SB107A		02
2N399				OC30	OC26	2N1536	T13027			02
2N399				ASZ16						02
2N399				AD1311V	AD149	2N2836	2N350A	2SB107A		06
2N400	G	P	ET, ST, NP, SR, UP	AD131	OC30	2N1536	T13027			06
2N400				OC26	ASZ16					06
2N401	G	P	ET, ST, NP, SR, UP	AD1311V	AD149	2N2836	2N3611	2SB107A		06
2N401				AD131	AUY19	2N1536				06
2N401				OC30	SFT232					06
2N401				ASZ16						06
2N402	G	P	ET, NP, UP	AC153	AC131	2N1191	2N1924	2SB219		01
2N402				AC128	AC132	2N406	2N1176			01
2N402				AC152	ACY17					01
2N403	G	P	ET, NP, UP	AC153	AC117	2N1191	2N215	2SB220		01
2N403				AC128	AC131	2N1176				01
2N403				AC152	ACY17					01
2N404	G	P	GE, MO, ET, ML, NP	(ASY48IV)	ASY27	2N1305				10
2N404				ASY26						10
2N404A	G	P	GE, MO, ET, NP, TX	(ASY48IV)	ASY27	2N1305				10
2N405	G	P	ET, NP, St	AC126	AC153	2N2429	2N322	2SB32		01
2N405				AC117	AC125	2N4106	2N406			01
2N405				AC128	AC132					01
2N406	G	P	ET, NP, SR, St	AC126	AC151	2N2429	2N322	2S44		01
2N406				AC125	AC122	2N323				01
2N406				AC132	AC128					01
2N407	G	P	ET, NP, SR, St	AC128	AC153	2N2431	2N324	2S33		01
2N407				AC117R	AC132	2N2706				01
2N408	G	P	ET, NP, SR, St	AC128	AC132	2N2431	2N324	HJ51		01
2N408				AC153		2N2706				01
2N409	G	P	ET, NP, SR, St	AF185	AF127	2N2614		2S31		02
2N409				AF136	OC44N					02
2N409				AF190	AF117					02
2N409				AF126						02
2N410	G	P	ET, NP, SR, St	AF185	AF126	2N2614		HJ56		02
2N410				AF127	AF181					02
2N410				OC44N						02
2N411	G	P	ET, NP, St	AF185	AF117	2N2614		2S30		02
2N411				AF126						02
2N411				OC44N						02
2N412	G	P	ET, NP, St	AF185	AF117	2N2614		HJ57		02
2N412				AF126	AF127					02
2N412				OC44N						02
2N413	G	P	ET, NP, SR, St, UP	(AC1511V)	AF126	2N218	2N1305	HJ56		02
2N413				AF137	SET316					02
2N413				AF190	ASY26					02
2N413				ACY27						02
2N413A	G	P	ET, NP, St, UP	(AC1511V)	ASY26	2N218	2N1305			02
2N413A				ASY27						02
2N414	G	P	ET, NP, SR, St, UP	(AC151V)	AF126	2N218	2N1305			02
2N414				AF137	SET316					02
2N414				AF188	ASY27					02
2N414A	G	P	ET, NP, St, UP	(AC151V)	AF126	2N218	2N1305			02
2N414A				AF188	ASY27					02
2N414B	G	P	ET, NP, St	ASY27		2N1307	2N1305			02

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N414C	G	P	ET, St, NP	ASY27		2N1305				02
2N415	G	P	ET, NP, St	(AC151VI)	AF126	2N274	2N271			02
2N415				AF137	SET316	2N374	2N1305			02
2N415				AF127	AF187					02
2N415				ASY27						02
2N415A	G	P	ET, NP, St, UP	(AC151VI)	ASY27	2N374	2N1307			02
2N415A						2N1305				02
2N416	G	P	ET, NP, St, UP	(AC151VI)	AF126	2N247	2N1309			02
2N416				AF137	SET316	2N1305				02
2N416				AF188	ASY27					02
2N417	G	P	ET, NP, St, UP	AC162	AF126	2N247	2N1309			02
2N417				AF137	SET316	2N1305				02
2N417				AF188	ASY27					02
2N418	G	P	ET, NP, SR	ASZ15		2N1537	2N1100			16
2N418						2N1533				16
2N419	G	P	ET, NP, SR	AC153	AC117	2N561	2N1536	2SB248A		06
2N419				AC125	AC128					06
2N419				AD149	ASZ16					06
2N420	G	P	ET, NP, SR	AUY21II	AUY28	2N1535	2N1533			16
2N420				ASZ18	ASZ16					16
2N420A	G	P	ET, NP, SR	ASZ18	ASZ15	2N1537	2N1533			16
2N422	G	P	ET, NP, St	AC126	AC153	2N2429	2N651	2SB220		01
2N422				AC117	ACY17	2N1176				01
2N422				AC125	AC128					01
2N424	S	N	ET, NP, SR, St, TX	BLY17	BDY20	2N3446	2N5069			06
2N424						2N3055				06
2N424A	S	N	ET, NP, SR, St, TX	BDY20		2N3446	2N3055			06
2N424/1	S	N	SO	BDX11		2N3442				10
2N425	G	P	ET, NP, St, UP	(AC152IV)	ASY27	2N1305				10
2N425				ASY22						10
2N426	G	P	ET, NP, SR, St, TX	(AC152IV)	AF126	2N578	2N1305	HJ37		10
2N426				AF136	AF116					10
2N426				AF137	ASY27					10
2N427	G	P	ET, NP, SR, TX, UP	(AC152V)	AF127	2N579	2N1307	2SA206		10
2N427				AFY15	OC45	2N1305				10
2N427				AF101	ASY27					10
2N428	G	P	ET, TX, NP, St, TX	(AC152VI)	ASY27	2N1307	2N1309	2SA206		10
2N428				AF127	AFY15	2N1305				10
2N428				OC45	AF101					10
2N428A	G	P	ET, NP, St, UP	(AC152VI)	ASY27	2N1305				10
2N432	S	N		BFY50		2N2297				
2N433	S	N		BFY50		2N2297				
2N438	G	N	ET, NP, St, TX, UP	ASY29		2N1304				10
2N438A	G	N	ET, NP, St, TX, UP	ASY29		2N1302	2N1304			10
2N439	G	N	ET, NP, St, TX	ASY29		2N1304				10
2N439A	G	N	ET, NP, St	ASY29		2N357	2N1306			10
2N439A						2N1304				10
2N440	G	N	ET, NP, St, TX, UP	ASY29		2N1304				10
2N440A	G	N	ET, NP, St	ASY29		2N358	2N1306			10
2N440A						2N1304				10
2N441	G	P	DD, MO, NP, UT	ADZ11	ADZ12	2N1100				06
2N442	G	P	DD, MO, NP, SR, UT	ADZ11	ADZ12	2N1100				06
2N443	G	P	DD, MO, NP, SR, UT	ADZ12	ASZ16	2N1100	2N1304			08
2N444	G	N	ET, NP, St	AC176		2N1012	2N1059	2SD11		01
2N444						2N2430				01
2N444A	G	N	ET, NP, St	AC176		2N2430				01
2N445	G	N	ET, NP, St	ASY29		2N358	2N1304			01
2N445A	G	N	ET, NP, SR	ASY29		2N1304				01
2N446	G	N	ET, NP, St	ASY29		2N357	2N1304			10
2N446A	G	N	ET, NP, St	ASY29		2N1304				10
2N447	G	N	ET, NP, St	ASY29		2N358	2N1304			10
2N447A	G	N	ET, NP, St	ASY29		2N1304				10
2N447B	G	N	ET	ASY29		2N1304				10
2N448	G	N	ET, NP, St	ASY29		2N1304				02
2N449	G	N	ET, NP	ASY29		2N1304				02
2N450	G	P	ET, NP, St	AF127	AFY15	2N1308	2N1305	2SA206		13
2N450				OC45	AF101					13
2N450				ASY27						13
2N451	S	N	St	BDY20		2N3065				
2N452	S	N	GE	BDY20		2N3055				
2N453	S	N	GE	BDY20		2N3055				
2N454	S	N	GE	BDY20		2N3065				
2N456	G	P	MO, TX, ET, NP, St	(AUY21IV)	ASZ16	2N456A	2N1536			06
2N456				ASZ17						06
2N456A	G	P	MO, TX, DD, ET, St	(AUY21IV)	ASZ16	2N1536				06

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N4568	G	P	TX, DD, ET, SR	(AUJ211V)	ASZ16	2N1553	2N1536			08
2N457	G	P	MO, TX, ET, SR, SS	AUJ211V	AD131	MP251	2N1536			06
2N457	G	P		ASZ17	ASZ16					06
2N457A	G	P	MO, TX, DD, ET, St	(AUJ211V)	ASZ16	2N1536				06
2N457B	G	P	TX, DD, ET, NP, SS	(AUJ211V)	ASZ16	2N1553	2N1536			06
2N458	G	P	MO, TX, ET, NP, SS	(AUJ211V)	AUJ221I	2N458A	2N561			06
2N458	G	P		AUJ28	AUJ211I					06
2N458A	G	P	MO, TX, DD, ET, NP	(AUJ221V)	ASZ16	2N1536				06
2N458B	G	P	TX, DD, ET, NP, SS	(AUJ221V)	ASZ16	2N1555	2N1536			06
2N459	G	P	ET, MO, NP, SS, UT	ASZ15		2N378	2N1533			16
2N459A	G	P	ET, MO, NP, SR, SS	ASZ15		2N1533				16
2N460	G	P	MO, ET, NP, SR, St	(ASY48IV)	AC128	2N2431	2N4106	25B224		01
2N460	G	P		AC153	AC131	2N1303	2N1176			01
2N460	G	P		AC105	AC117					01
2N460	G	P		ACY17						01
2N461	G	P	MO, ET, NP, SR, St	(ASY48IV)	AC128	2N2431	2N331	25B220		01
2N461	G	P		AC153	AC117	2N1176				01
2N461	G	P		ACY17						01
2N462	G	P	ET, PC	AC153	AC117	2N331	2N2706	25B220		10
2N462	G	P		OC73	AC128					10
2N462	G	P	WE	OC72						10
2N463	G	P		AD156	OC30	2N1555	2N1551	25B107A		06
2N463	G	P		AD148	ASZ16	2N1536				06
2N464	G	P	MO, ET, NP, SR, St	(AC152IV)	AC128	2N2431	2N4270	25B219		01
2N464	G	P		AC162	AC122	2N270	2N1176			01
2N464	G	P		ACY17	AC126					01
2N464	G	P		AC131	AC131					01
2N465	G	P	MO, ET, NP, SR, St	(AC152IV)	AC128	2N2431	2N270	25B220		01
2N465	G	P		AC153	AC117	2N1176				01
2N465	G	P		ASY17	ASY77					01
2N466	G	P	MO, ET, NP, SR, St	(AC152V)	AC128	2N2431	2N270	25B220		01
2N466	G	P		AC151V1	AC117	2N1274	2N1176	25B222		01
2N466	G	P		AC126	AC153					01
2N466	G	P		ACY17						01
2N467	G	P	MO, ET, NP, SR, St	(AC152V1)	AC128	2N2431	2N585	25B227		01
2N467	G	P		AC153	AC171	2N1176				01
2N467	G	P		AC126	ASY80					01
2N467	G	P		ACY17						01
2N468	G	N		AD161		2N4077				04
2N469	P	St								04
2N470	S	N	TR, ET, NP, SQ, St	BSX45/6	BFY10	2N2297				02
2N470	S	N		BFY49	BFY50					02
2N471	S	N	ET, NP, SQ, St	BSX45/6	BFY10	2N706	2N2297			01
2N471	S	N		BFY49	BFY50					01
2N471A	S	N	TR, ET, NP, SQ, St	BFY10	BFY49	2N706	2N2297			01
2N471A	S	N		BFY50						01
2N472	S	N	TR, ET, NP, SQ, St	BSX45/6	BFY10	2N706	2N2297			02
2N472	S	N		BFY49	BFY50					02
2N472A	S	N	TR, ET, NP, SQ, St	BFY10	BFY50	2N2297				01
2N473	S	N	TR, ET, NP, SQ, St	BSX45/6	BFY11	2N706	2N2297			01
2N473	S	N		BFY49	BFY50					01
2N474	S	N	TR, ET, NP, SQ, St	BFY11	BFY69	2N706	2N2297			01
2N474	S	N		BFY50						01
2N474A	S	N	TR, ET, NP, SQ, St	BFY10	BFY69	2N706	2N2297			01
2N474A	S	N		BFY50						01
2N475	S	N	TR, ET, NP, SQ, St	BSX45/6	BFY11	2N706	2N2297			01
2N475	S	N		BFY50						01
2N475A	S	N	TR, ET, NP, SQ, St	BFY50		2N2297				01
2N476	S	N	TR, ET, NP, SQ, St	BCY65	BSY11	2N706	2N2297			01
2N476	S	N		BFY50						01
2N477	S	N	TR, ET, NP, SQ, St	BCY65	BSY11	2N706	2N2297			01
2N477	S	N		BFY50						01
2N478	S	N	TR, ET, NP, SR, St	BCY65	BSY11	2N706	2N2297			02
2N478	S	N		BFY50						02
2N479	S	N	TR, ET, NP, SQ, St	BCY65	BSY11	2N706	2N2297			02
2N479	S	N		BFY50						02
2N479A	S	N	TR, ET, SR, SQ, St	BFY50		2N2297				01
2N480	S	N	TR, ET, NP, SR, TX	BCY65	BSY11	2N706	2N2297			02
2N480	S	N		BFY50						02
2N480A	S	N	TR, ET, NP, SR, St	BFY50		2N2297				01
2N481	G	P	ET, NP, SR, St, UP	AF185	AF126	2N371	2N1305			02
2N481	G	P		AFY15	AF190					02
2N481	G	P		ASY27						02
2N482	G	P	ET, NP, St, UP	AF185	AF126	2N373	2N2189			02
2N482	G	P		AFY15	AF190	2N1305				02

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
2N482	G	P	ET, NP, St, UP	ASY27				02
2N483				AF185	AF126	2N373		02
2N483				AFY15	AF190	2N1305		02
2N483				ASY27				02
2N484	G	P	ET, NP, St, UP	AF185	AF126	2N373	2N2190	02
2N484				AFY15	ASY27	2N1305		02
2N485	G	P	ET, NP, St, UP	AF185	AF126	2N374	2N2190	02
2N485				AFY15	AF190	2N1305		02
2N485				ASY27				02
2N486	G	P	ET, NP, St, UP	AF185	ASY27	2N1305		02
2N487	G	P	NP				2SA32	01
2N489	U	U	PNGE, SM, TX					
2N489A	U	U	PNGE, SM, TX					
2N489B	U	U	PNGE, SM, TX					
2N490	U	U	PNGE, SM, TX					
2N490A	U	U	PNGE, SM, TX					
2N490B	U	U	PNGE, SM, TX					
2N490C	U	U	PNGE, SM, TX					
2N491	U	U	PNGE, SM, TX					
2N491A	U	U	PNGE, SM, TX					
2N491B	U	U	PNGE, SM, TX					
2N492	U	U	PNGE, SM, TX					
2N492A	U	U	PNGE, SM, TX					
2N492B	U	U	PNGE, SM, TX					
2N492C	U	U	PNGE, SM, TX					
2N493	U	U	PNGE, SM, TX					
2N493A	U	U	PNGE, SM, TX					
2N493B	U	U	PNGE, SM, TX					
2N494	U	U	PNGE, SM, TX					
2N494A	U	U	PNGE, SM, TX					
2N494B	U	U	PNGE, SM, TX					
2N494C	U	U	PNGE, SM, TX					
2N495	S	P	SO	BCY28	BC177	2N354	2N2945	02
2N495				BC211		2N3965		02
2N495/18	S	P	SP	BC177		2N3965		
2N496	S	P	ID, SM, SQ	BC177		2N3965		10
2N496/18	S	P	SP	BC177		2N3965		
2N497	S	N	ET, F, TX, NP, PH	BSX46-6	BFY50	2N3498	2N2297	01
2N497A	S	N	ET, TX, NP, SS, St	BSX46-6	BFY50	2N2297		01
2N498	S	N	ET, F, TX	(BSX47-6)	BSW66	2N3498	2N5681	01
2N498						2N1893		01
2N498A	S	N	ET, TX	(BSX47-6)	BSW66	2N5681	2N1893	01
2N499	G	P	ET, MO	(AF127)	AF106	2N3328	2N371	02
2N499				AF137	AF102	2N2188	2N990	02
2N499				AF124				02
2N499A	G	P	ET, MO	(AF127)	AF124	2N3323	2N990	02
2N500	G	P	SR	AF124		2N3323	2N2189	02
2N500						2N990		02
2N501	G	P	ET, MO	(AF126)	AF106	2N960	2N2189	13
2N501				AF137	AF102			13
2N501				AF124				13
2N501A	G	P	ET, MO	(AF127)	AF124	2N960	2N990	13
2N501/18	G	P	SY	AF124		2N990		
2N502	G	P	ET, MO	(AF127)	ASZ21	2N3283	2N2189	02
2N502				AF124		2N990		02
2N502A	G	P	ET, MO	(AF127)	AF124	2N3284	2N990	02
2N502B	G	P	ET, MO	(AF127)	AF124	2N990		02
2N503	G	P	ET, NP, SQ	ASZ21	AF106	2N3284	2N2189	02
2N504	G	P	ET, NP, SP	AF185	AF124	2N3323	2N373	02
2N504				AF134	AF114	2N2189	2N990	02
2N504				AF135				02
2N505	G	P	ET, NP	ASY27		2N1305		
2N506	G	P	ET, NP	AC151	AC125	2N406		2N507
2N506				AC122	AC163			01
2N506				OC71				01
2N507	G	N	ET, NP	AC127	AC176	2N2430		2N506
2N508	G	P	GE, MO, ET, St, UP	(AC152VI)	AC126	2N2429	2N1176	01
2N508				2G508	ACY17			01
2N508A	G	P	GE, MO, ET, NP, St	(ASY70VI)	AC126	2N2429	2N1189	01
2N508A				ACY17				01
2N509	G	P	WE	ACY17		2N1195	2N1176	02
2N511	G	P	ET, SR, SS	ADY26		2N1554	2N456A	06
2N511						2N1100		06
2N511A	G	P	ET, SS			2N1555		06
2N511B	G	P	ET, NP, SR, SS			2N1556		16

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N512	G	P	ET, NP, TX			2N1658	2N456A			06
2N512A	G	P	ET, NP, SR, SS, TX			2N1559				06
2N512B	G	P	ET, NP, SR, SS, TX			2N1560				16
2N513	G	P	ET, NP, SR			2N1163	2N456A			06
2N513A	G	P	ET, NP, SR			2N1165				06
2N513B	G	P	ET, NP, SR			2N1167				16
2N514	G	P	ET, NP, SR	ADY26		2N1163	2N1100			16
2N514A	G	P	ET, NP, SR			2N1165				16
2N514B	G	P	ET, NP, SR			2N1167				16
2N515	G	N	ET, NP	ASY26	ASY73	2N1304				02
2N515				ASY29						02
2N516	G	N	CI, ET	ASY26	ASY29	2N1304				02
2N516				ASY73						02
2N517	G	N	ET, CI	ASY26	ASY73	2N1306	2N1304			02
2N517				ASY29						02
2N518	G	P	ET, CI	ASY27		2N404	2N1305			10
2N519	G	P	ET, CI, II	AC153	AC117R	2N404	2N578			10
2N519				AC128	ASY27	2N1305				10
2N519A	G	P	CI, II, ET	ASY17		2N1176				10
2N520	G	P	CI, ET, II	ASY26	ASY27	2N404	2N578			10
2N520						2N1305				10
2N520A	G	P	CI, ET, II	ASY27		2N1305				10
2N521	G	P	CI, ET, II	ASY27		2N579	2N1377			10
2N521A	G	P	CI, ET, II	ASY27		2N1305				10
2N521A						2N1305				10
2N522	G	P	CI, ET, II	ASY27		2N522A	2N1309			10
2N522						2N1305				10
2N522A	G	P	CI, ET, II	ASY27		2N1305				10
2N523	G	P	CI, ET, II	ASY27		2N1305	2N1377			10
2N523A	G	P	CI, ET, II	ASY27		2N1305				10
2N524	G	P	MO, GE, TX	ASY48IV	AC152	2N1305	2N1176	2S8224		01
2N524				AC131/50	AC128					01
2N524				OC76	ACY17					01
2N524A	G	P	MO, CI, ET, II	(ASY48IV)	ACY17	2N1176				01
2N525	G	P	GE, MO, TX	ASY48IV	AC152	2N1373	2N1191	2S8225		01
2N525				ASY26	OC80	2N1176				01
2N525				AC153	OC72					01
2N525				ACY17						01
2N525A	G	P	MO, CI, ET, II	(ASY48IV)	ACY17	2N1176				01
2N526	G	P	GE, MO, TX	(ASY48V)	ASY48V	2N586	2N1307	2S8226		01
2N526				ASY80	ASY26	2N1176				01
2N526				AC117	AC128					01
2N526				AC153	ACY17					01
2N526A	G	P	MO, CI, ET, II	(ASY48V)	ACY17					01
2N527	G	P	GE, MO, TX	ASY48V	AC152	2N1307	2N1176	2S8227		01
2N527				ASY80	AC131/50					01
2N527				AC117	AC128					01
2N527				ACY17						01
2N527A	G	P	MO, CI, ET, II	(ASY48V)	ACY17	2N1307	2N1176			01
2N528	G	P	WE	ACY17		2N1176				01
2N529	G	P	ET, CI	ASY27		2N1303	2N1305			
2N530	G	P	ET, CI	ASY48IV	AC122gn	2N404	2N1303	2S8264		
2N530				AC126	ASY27	2N1305				
2N531	G	P	ET, CI	ASY27		2N1305				
2N532	G	P	CI, ET	ASY27		2N1305				
2N533	G	P	ET, FR, UP	ASY27		2N1305				
2N534	G	P	ET, NS, PH	AC125		2N1189	2N406			01
2N535	G	P	CN, ET, FR	AC126	AC117	2N2429	2N1192	2S8264		01
2N535				AC153	AF181	2N404	2N406			01
2N535				AC125						01
2N535A	G	P	ET	AC126	ACY17	2N2429	2N1192			01
2N535A						2N1176				01
2N535B	G	P	ET	ACY17		2N1176				01
2N536	G	P	ET	AF181	ASY27	2N1193	2N404			10
2N536						2N1305				10
2N537	G	P	WE	AF139	AF186					02
2N537				AF238S						02
2N538	G	P	SR, SS	AUY21II	AUY28	2N2140	T13027			16
2N538				ASZ18	OC26	2N1533				16
2N538				ASZ15						16
2N538A	G	P	SR, SS	ASZ15		2N2140	2N1533			16
2N539	G	P	SR, SS, UP	ADY26	ASZ15	2N2145	T13027			16
2N539				ASZ18		2N1533				16
2N539A	G	P	SR, UP	ASZ15		2N2145	2N1533			16
2N540	G	P	SR, SS	AD138/50	ASZ18	2N1551	T13027			16

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N540				OC26	ASZ15	2N1533				16
2N540A	G	P	SR, SS	ASZ15		2N1551	2N1533			16
2N541	S	N	TR, ET, TX, NP, SM	BCY59	BSY44	2N2297				02
2N541				BSY11	BFY50					02
2N542	S	N	TR, ET, NP, TX, SR	BFY50		2N2297				02
2N542A	S	N	TR, ET, NP, SR, St	BFY50		2N2297				01
2N543	S	N	TR, ET, NP, TX, SR	BFY50		2N2297				02
2N543A	S	N	TR, ET, SR, SQ, St	BFY50		2N2297				01
2N544	G	P	RC, SY	AF185	AF126	2N990		HJ75		02
2N544				AF138	AF116					02
2N544/33	G	P	SY	AF124		2N990				
2N545	S	N	TR, ET, GS, NP, UN	BSW66		2N4238	2N1893			02
2N546	S	N	TR, ET, GS, NP, UN	BFY50		2N4237	2N2297			02
2N547	S	N	TR, ET, UN, NP, SQ	BSW66		2N3766	2N4238			02
2N547						2N1893				02
2N548	S	N	TR, ET, NP, St, UN	BFY50		MJ3101	2N4237			02
2N548						2N2297				02
2N549	S	N	TR, ET, NP, St, UN	BSW66		2N1893	2N2243A			02
2N549						2N4238				02
2N550	S	N	TR, ET, NP, St, SQ	BFY50		2N1893	2N2243A			02
2N550						2N4237	2N2297			02
2N551	S	N	TR, ET, NP, SQ, St	BSW66		2N1893	2N2243A			02
2N552	S	N	TR, ET, NP, SQ, St	BFY50		2N1893	2N2243A			02
2N552						2N2297				02
2N553	G	P	ET, NP, SR, SS, St	ASZ15	ASZ16	2N2144	2N1536			16
2N554	G	P	MO, DD, ET, SR, St	AD149IV	ASZ16	T1301	2N301			06
2N554						T13027	2N1536			06
2N555	G	P	MO, ET, NP, SR, St	AD149IV	ASZ16	T13027	2N1536			06
2N556	G	N	ET, NP	ASY75	ASY29	2N1551	2N1302			10
2N556						2N1304				10
2N556A	G	N								
2N557	G	N	ET, NP	ASY75	ASY29	2N1304				10
2N557A	G	N				2N5681				
2N558	G	N	NP	ASY75	ASY29	2N1306	2N1304			
2N558A	G	N		ASY29		2N1304				
2N559	G	P	TX, WE	AF106		2N645				10
2N560	S	N	NP, SM, SR, SQ, TD	BSX33		2N731				01
2N561	G	P	ET, NP, SR	AD131	AD149	2N456A	2N618	2SB249		01
2N561				ASZ15	ASZ18	2N1533				01
2N563	G	P	ET, NP	AC128	AC153	2N2431	2N650	2SB219		10
2N563				AC131	AC152	2N1924	2N1176			10
2N563				OC76	ACY17					10
2N564	G	P	ET, NP, St	AC128	AC152	2N2431	2N650	2SB224		10
2N564				AC131	OC76	2N1176				10
2N564				ACY17						10
2N565	G	P	ET, NP, St	AC128	AC153	2N2431	2N651	2SB101		10
2N565				AC117	OC72	2N1176				10
2N565				ACY17						10
2N566	G	P	ET, NP, St	AC128	AC153	2N2431	2N651	2SB101		10
2N566				AC117	OC72	2N1176				10
2N566				ACY17						10
2N567	G	P	ET, NP, St	AC128	AC167	2N2431	2N651	2SB103		10
2N567				AC131	AC152	2N1176				10
2N567				OC76	ACY17					10
2N568	G	P	ET, NP, St	AC128	AC153	2N2431	2N651	2SB103		10
2N568				AC117	OC72	2N1176				10
2N568				ACY17						10
2N569	G	P	ET, NP, St	AC128	AC153	2N2431	2N1193	2SB103		10
2N569				AC117	OC72	2N1176				10
2N569				ACY17						10
2N570	G	P	ET, NP, St, UP	AC128	AV153	2N2431	2N1192			10
2N570				AC117R	ACY17	2N1176				10
2N571	G	P	ET, NP, St	AC128	AC153	2N2431	2N1193			10
2N571				AC117R	ACY17	2N1176				10
2N572	G	P	ET, NP, St	AC128	AC153	2N2431	2N1193			10
2N572				AC117R	ACY17	2N1176				01
2N573	G	P	ET, NP	ACY17		2N1176				16
2N574	G	P	SQ, SS	AUY20VI	ADZ12	2N1550	2N456A			16
2N574				AUY22	ASZ16	2N1022A	2N1536			16
2N574A	G	P	SQ, SS	ASZ16		2N1551	2N1533			16
2N575	G	P	SQ, SS	AUY20VI	ADY36	2N1554				16
2N575				ADY26	AUY22					16
2N575A	G	P	SQ, SS			2N1555				16
2N576	G	N	ET, NP	ASY26	ASY73	2N1304	2N1306			10

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N576				ASY28						10
2N576A	G	N	ES, ET, NP	ASY29		2N1304				10
2N578	G	P	ET, NP, St, UP	ASY27		2N404	2N1305			10
2N579	G	P	ET, NP, St, UP	AF127	AF101	2N404	2N1305			10
2N579				OC45	ASY27					10
2N580	G	P	ET, NP, St, UP	ASY27		2N1307	2N1309			10
2N580						2N1305				10
2N581	G	P	ET, NP, SS, St, TX	ASY27		2N1305				10
2N582	G	P	ET, NP, SR, St, TX	ASY27		2N1305				10
2N583	G	P	ET, NP	AFY12	ASY27	2N1305				10
2N584	G	P	ET, NP	ASY27		2N1305				10
2N585	G	P	ET, NP, SR	AC117	AC153			ZSB225		10
2N585				ASY25	ASY29					10
2N586	G	P	ET, NP	AC153		2N1191	2N2706	ZSB225		10
2N586				AC128	AC117					10
2N586				AC132						10
2N587	G	N	ET, NP, SS, St, TX	AC176		2N2430		ZST11		10
2N588	G	P	ET, NP, SP	ASZ21	AF124	2N3324	2N990			02
2N588A	G	P	St	AF124		2N990				02
2N589	G	P	ET, NP	ASZ21	ASZ15	2N3324	2N1532			06
2N589						2N1533				06
2N591	G	P	ET, NP, SS	AC126	AC153VI	2N2429	2N406	ZSB100		01
2N591				AC122/30	AC122					01
2N591				AC128	AC125					01
2N591/5	G	P	SY	AC126		2N2429	2N406			01
2N592	G	P	St	AC153	AC131	2N607	2N608	ZSB65		10
2N592				OC76	AC152	2N406				10
2N592				AC125						10
2N593	G	P	St	AC153	AC131	2N604	2N608	ZSB65		10
2N593				OC76	AC152	2N406				10
2N593				AC125						10
2N594	G	N	SS, St, TX	ASY29		2N1304				10
2N595	G	N	SS, St, TX	ASY29		2N1304				10
2N596	G	N	ID, SS, TX	ASY29		2N1304				10
2N597	G	P	ET, NP, St	AC153	AC131	2N3427	2N1305	ZSB225		10
2N597				AC128	AC117	2N1176				10
2N597				OC72	ACY17					10
2N598	G	P	ES, ET, NP, St	ACY17		2N3427	2N1997			10
2N598						2N1998	2N1176			10
2N599	G	P	ET, NP, SQ, St	ASY27		2N3428	2N1997			10
2N599						2N1999	2N1305			10
2N600	G	P	SQ			2N3427	2N1997			16
2N600						2N1998				16
2N601	G	P	SQ, ID			2N3428	2N1997			16
2N601						2N1999				16
2N602	G	P	SM, SQ	AC152	ASY24	2N643	2N2635	ZSB65		13
2N602				AC128	AC131	2N990				13
2N602				AF124						13
2N602A	G	P	SM, SQ	AF124		2N990				13
2N603	G	P	SM, SQ	AC152	ASY24	2N644	2N2635	ZSB65		13
2N603				AC128	AC131	2N990				13
2N603				AF124						13
2N603A	G	P	SM, SQ	AF124		2N990				13
2N604	G	P	SM, SQ	AC152	ASY24	2N645	2N2635	ZSB65		13
2N604				AC128	AC131	2N990				13
2N604				OC76	AF124					13
2N604A	G	P	SM, SQ	AF124		2N990				13
2N605	G	P	St	AC152	ASY24	2N608	2N2635	ZSB65		02
2N605				AC128	AC131	2N406				02
2N605				OC307	AC125					02
2N606	G	P	St	AC152	ASY24	2N603	2N2635	ZSB65		02
2N606				AC128	AC131	2N406				02
2N606				OC76	AC125					02
2N607	G	P	St	AC152	ASY24	2N605	2N2635	ZSB65		02
2N607				AC128	AC131	2N406				02
2N607				OC76	AC125					02
2N608	G	P	St	AC162	ASY24	2N605	2N2635	ZSB65		02
2N608				AC128	AC131	2N406				02
2N608				OC72	AC125					02
2N609	G	P	ET, NP	AC128	AC153	2N2431	2N1193			01
2N609				AC117R	ACY17	2N217	2N404			01
2N609						2N1176				01
2N610	G	P	ET, NP, UP	AC128	AC153	2N2431	2N1193	ZSB222		01
2N610				AC117	OC72	2N217	2N404			01
2N610				ACY17		2N1176				01

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N611	G	P	ET, NP, UP	AC128	AC153	2N2431	2N1192	2SB222		01
2N611				AC117	OC72	2N217	2N1309			01
2N611				ACY17		2N176				01
2N612	G	P	ET, NP	AC128	AC152	2N2431	2N1191	2SB224		01
2N612				AC122	AC131	2N217	2N406			01
2N612				ASY26	AC125					01
2N613	G	P	ET, NP, UP	AC128	AC152	2N2431	2N1191	2SB224		01
2N613				AC122	AC131	2N217	2N270			01
2N613				ASY26	AC125	2N406				01
2N614	G	P	ET, NP	AF185	AF124	2N373	2N2614			02
2N614				AF137	OC44N					02
2N615	G	P	ET, NP	AF185	AF127	2N373	2N2614			02
2N615				AF137	OC44N					02
2N616	G	P	ET, NP	AF185	OC44N	2N2614				02
2N617	G	P	ET, NP, UP	AF185	AF106	2N374	2N2614			02
2N617				AFY15	OC44N					02
2N618	G	P	ET, MO, SR, NP, SS	AD131	AD138/50	2N561	2N1533	2SB249		06
2N618				OC28	AD12					06
2N618				ASZ15	(AD132V)					06
2N619	S	N	SM	BC107		A157				01
2N620	S	N	SM	BFY11	BC107	A157				01
2N621	S	N	SM	BC107		A157				01
2N622	S	N	SM	BFY50		2N2297				06
2N623	G	P	St	AF124	AF134	2N645	2N990	2SA116		05
2N623				AF130	AF135					01
2N624	G	P	SY	AC153	AF134	2N188	2N2188			02
2N624				AC128	AF124	2N990				02
2N625	G	N	SY	AD161		2N4077				10
2N627	G	P	MO, ET, SR, NP	ASZ16		2N1536				06
2N628	G	P	MO, ET, NP, SR	ASZ16		2N561	TI3027			06
2N628						2N1536				06
2N629	G	P	MO, ET, NP, SR	ADZ12	ASZ15	2N561	TI3027			06
2N629						2N1533				06
2N630	G	P	MO, ET, NP, SR	ASZ15		2N1014	TI3027			06
2N630						2N1533				06
2N631	G	P	ET, NP, SQ, St, UP	AC128	AC153	2N2431	2N1194	2SB33		01
2N631				AC124	OC72	2N404	2N1305			01
2N631				ASY26	ASY27					01
2N632	G	P	ET, NP, St, UP	AC128	AC131	2N2431	2N1193	2SB37		01
2N632				AC152	OC76	2N404	2N1305			01
2N632				ASY27						01
2N633	G	P	ET, NP, St, UP	AC128	AC153	2N2431	2N1192	2SB37		01
2N633				AC131	OC76	2N404	2N1176	2SB220		01
2N633				AC117	OC72					01
2N633				ACY17						01
2N634	G	N	ET, NP	ASY29		2N1304				13
2N634A	G	N	ET, NP, SS, TX	ASY29		2N1304	2N1306			10
2N635	G	N	ET, NP	ASY29		2N1091	2N1304			13
2N635A	G	N	ET, NP, SS, TX	ASY29		2N1304				10
2N636	G	N	ET, NP	ASY29		2N1091	2N1304			13
2N636A	G	N	ET, NP, SS, TX	ASY29		2N1304				10
2N637	G	P	ET, NP, SR	AD131	OC28	2N1535	2N561	2SB248A		16
2N637				OD605	ASZ16	2N638	2N1536			16
2N637A	G	P	ET, NP, SR	ASZ16		2N1537	2N561			16
2N637A						2N1536				16
2N637B	G	P	ET, NP, SR	ASZ15		2N1538	2N1533			16
2N638	G	P	SD, ET, NP, SR	AC153	AC131	2N1530	2N561	2SB248A		16
2N638				OC76	OC28	2N637	2N1536			16
2N638				ASZ16						16
2N638A	G	P	SD, ET, NP, SR	ASZ15		2N1532	2N561			16
2N638A						2N1533				16
2N638B	G	P	SD, ET, NP, SR	ASZ16		2N1533	2N561			16
2N638B						2N1536				16
2N639	G	P	ET, NP, SR	ASZ16		2N1530	2N561			16
2N639						2N1536				16
2N639A	G	P	ET, NP, SR	ASZ15		2N1532	2N456A			16
2N639A						2N561	2N1533			16
2N639B	G	P	ET, NP, SR	ASZ15		2N1533				16
2N640	G	P	RC	AF185	AF125	2N642	2N2188	2SA114		01
2N640				AF136	AF115	2N990				01
2N640				AF116	AF126					01
2N640				AF127						01
2N641	G	P	RC	AF185	AF125	2N990		2SA114		01
2N641				AF138	AF126					01
2N641				AF132	AF124					01

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N642	G	P	RC	AF185	AF126	2N990		2SA114		01
2N642				AF136	AF132					01
2N642				AF137	AF124					01
2N643	G	P	RC	AF124		2N2955	2N1309			10
2N643						2N2635	2N990			10
2N644	G	P	RC	AF124		2N2955	2N1309			10
2N644						2N2635	2N990			10
2N645	G	P	RC, St	AF124		2N2955	2N1309			10
2N646	G	N	St	AC176		2N2635				01
2N647	G	N	ET, NP	AC126	ASY29	2N2430	2N1306			01
2N647				AC176						01
2N647/22	G	N	SY	AC176		2N2430				01
2N649	G	N	ET, NP	AC127	AC176	2N2430	2N1308			01
2N649/22	G	N	SY	AC176		2N2430				01
2N650	G	P	ET, MO, ES, NP, SR	(ASY48IV)	AC153	2N1997	2N1176	2SB247		01
2N650				AC117	AC128					01
2N650				OC318	ACY17					01
2N650A	G	P	ET, MO, ES, NP, SR	(ASY48IV)	ACY17	2N1176				01
2N651	G	P	ET, MO, NP, SR, WA	(ASY48V)	AC153	2N1997	2N1176	2SB247		01
2N651				AC117	AC128					01
2N651A	G	P	ET, MO, ES, NP, SR	ACY17	AC117	2N1997	2N1176	2SB247		01
2N651A				ASY48V	AC153					01
2N651A				AC128	AC153					01
2N652	G	P	ET, MO, SR, SS, WA	ACY17	AC153	2N1997	2N1176	2SB247		01
2N652				(ASY48VII)						01
2N652				ASY26	AC128			2SB222		01
2N652				AC117	ACY17					01
2N652A	G	P	ET, MO, NP, SR, St	(ASY48VII)	AC117	2N1997	2N1176	2SB222		01
2N652A				AC128	AC153					01
2N652A				ACY17						01
2N653	G	P	ET, MO, NP, SR, St	(AC161V)	ACY17	2N1997	2N1176			01
2N654	G	P	ET, MO, NP, SR, St	(AC151VII)	ACY17	2N1997	2N1176			01
2N655	G	P	ET, MO, NP, SR, UP	(AC151VII)	ACY17	2N1997	2N1176			01
2N656	S	N	PH, ET, F, MO, TX	BSX46/6	BSX45	2N2102	2N3498			01
2N656				BSX22	BFY50	2N4331	2N2297			01
2N656A	S	N	ET, MP, SM, TD, TX	BFY50		2N2297				01
2N657	S	N	F, MO, TX, SR, ET	(BSX47-6)	BSW66	2N3498	2N1893			01
2N657A	S	N	ET, TX, NP, SM, St	(BSX47-6)	BSW66	2N1893				01
2N658	G	P	ET, NP, SS, St, TX	AC153	AC117	2N2000	2N1305			10
2N658				AC128	AD162					10
2N658				ASY27						10
2N659	G	P	ET, NP, SO, St, TX	AC153	AC117	2N2000	2N578			10
2N659				AC128	AD162	2N1305				10
2N659				ASY27						10
2N660	G	P	ET, NP, SR, St, TX	AC153	AC117	2N643	2N2000			10
2N660				AC128	AD162	2N1305				10
2N660				ASY27						10
2N661	G	P	ET, NP, SR, St, TX	AD162	ASY29	2N643	2N2000			10
2N661				AC153	AC117	2N1305	2N2000			10
2N662	G	P	ET, NP, SR, St, TX	AC153	AC117	2N579	2N2000			10
2N662				OC76	AC128	2N1305				10
2N662				AD162	ASY27					10
2N663	G	P	ET, NP	ASZ16		2N2143	2N1536			16
2N665	G	P	ET, MO, ES, NP, SR	(AUY22IV)	ADY26	T13027	2N1536			16
2N665				ASZ16						16
2N669	G	P	ET, MO, SR, NP, SS	(AD131V)	ASZ16	T13027	2N1536			06
2N670	G	P	SQ	AC117	AC128	2N3428	2N1038	2SB222		01
2N670				AC153	ACY17	2N1176				01
2N671	G	P	SS, PH	ACY17		2N3428	2N1038			01
2N671						2N1176				01
2N672	G	P	ET, NP, SQ	ACY17		2N3428	2N1038			01
2N672						2N1176				01
2N673	G	P	SQ	ACY17		2N3428	2N1038			01
2N673						2N1176				01
2N674	G	P	SQ	ACY17		2N3428	2N1038			01
2N674						2N1176				01
2N676	G	P	SQ	ACY17		2N3428	2N1176			01
2N677	G	P	ET, SD, ST, SR, NP	(AUY29IV)	ASZ16	2N1553	2N456A			06
2N677						2N1536				06
2N677A	G	P	ET, SD, ST, SR, NP	(AUY29IV)	ASZ16	2N1554	2N1536			06
2N677A										06
2N6778	G	P	ET, NP, SR	ASZ16		2N1555	2N1533			06
2N677C	G	P	SR	ASZ16		2N1556	2N1533			06
2N678	G	P	ET, SO, ST, SR, NP	(AUY29V)	AD133	2N1957	2N456A			06
2N678				ADZ11	ASZ16	2N1536				06
2N678A	G	P	ET, SO, ST, SR, NP	(AUY29V)	ASZ16	2N1558	2N1536			06

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N678B	G	P	SD, NP, SR	ASZ15		2N1559	2N1533			06
2N678C	G	P	SD, NP, SR	ASZ15		2N1560	2N1533			06
2N679	N	N	ET, NP	ASY29		2N1304				01
2N680	G	P	ET, NP	AC153	AC117	2N1191	2N404			01
2N680	G	P	ET, NP	AC128	ACY17	2N1309	2N1176	2SD11		01
2N694	G	P	WE	AF124		2N990				02
2N695	G	P	MO	ASZ21	AF106	2N2635				13
2N696	S	N	F, MO, TX, ST, FE	BFY56	BSX45-6	2N596	2N3567			10
2N696	S	N	F, MO, TX, ST, FE	BSY44	BFY50	2N2218A	2N2218			10
2N696	S	N	F, MO, TX, ST, FE	BSY44	BFY50	2N697	2N2297			10
2N696A	S	N	ET, SM, St	BSX45-6	BFY50	2N2218	2N2297			10
2N697	S	N	F, MO, TX, FE, IT	BSX45-6	BFY56	EN697	2N2218A			10
2N697	S	N	F, MO, TX, FE, IT	BSX45-10	BSY44	2N2218	2N2297			10
2N697	S	N	F, MO, TX, FE, IT	BSY51	BFY50					10
2N697A	S	N	ET, NP, St, TD	BSX45-6	BFY50	2N2218	2N2297			10
2N698	S	N	F, IC, RA, RY, TR	BSX47-6	BSW66	2N3498	2N2243A			10
2N698	S	N	F, IC, RA, RY, TR	BSX46-10	BF178	2N2297				10
2N698	S	N	F, IC, RA, RY, TR	BFY50						10
2N699	S	N	F, IC, MO, RY, RC	BSX47-6	BSX47-10	2N3498	2N2243A			10
2N699	S	N	F, IC, MO, RY, RC	BSW67	BF178	2N1893				10
2N699	S	N	F, IC, MO, RY, RC	BSW66						10
2N699A	S	N	ET, F, RC, CN, CA	BSX47-6	BSW66	2N1893				10
2N699B	S	N	F, RY, CN, CA, ET	BSX47-6	BSW66	2N3498	2N1893			10
2N700	G	P	MO, CN, ID, SR	(AF126)	AF139	2N2415	2N5043			02
2N700	G	P	MO, CN, ID, SR	AF186	AF239S					02
2N700A	G	P	MO, CN, SQ	(AF127)	AF239S					02
2N700A/18	G	P	SY	AF239S						02
2N700/18	G	P	SY	AF239S						02
2N702	S	N	ET, MO, CN, SM, SQ	(BCY58VII)	BSX20	2N835	2N2369			13
2N703	S	N	ET, F, MO, CN, TR	BCY58VII	BFY74	2N3691	2N835			13
2N703	S	N	ET, F, MO, CN, TR	BSX20		2N2369				13
2N705	G	P	TX, MO, SR, PH, ES	AFY11	AF106	2N964				13
2N705	G	P	TX, MO, SR, PH, ES	AFY19	ASZ21					13
2N705A	G	P	CN, SR	AF106		2N964				13
2N706	S	N	F, MO, TX, CN, ET	BSY62A	BSX87	EN914	2N706A		2N2894	13
2N706	S	N	F, MO, TX, CN, ET	BSY62	BSX19	2N964	2N2369			13
2N706	S	N	F, MO, TX, CN, ET	BSY38	BSY20					13
2N706	S	N	F, MO, TX, CN, ET	BSY70						13
2N706A	S	N	BL, ET, FE, MO, PH	BSY62A	BSX19	EN706	2N2369			13
2N706A	S	N	BL, ET, FE, MO, PH	BSY38						13
2N706A/46	S	N	SM	BSX20		2N2369				13
2N706A/51	S	N	SY	BSX20		2N2369				13
2N706B	S	N	F, MO, TX, GI, IT	BSY62A	BSX20	EN706	2N2369			13
2N706B/46	S	N	SM	BSX20		2N2369				13
2N706B/51	S	N	SY	BSX20		2N2369				13
2N706C	S	N	ET, CN, CA, FR, RY	BSY62A						13
2N760C/46	S	N	SY	BSX20		2N2369				13
2N706C/51	S	N	SY	BSX20		2N2369				13
2N706C/46	S	N	SY	BSX20		2N2369				13
2N706/51	S	N	SY	BSX20		2N2369				13
2N707	S	N	ET, MO, CN, EM, SM	BSX26	BSW64	EN3014	2N2483			03
2N707	S	N	ET, MO, CN, EM, SM			2N2484	2N2222A			03
2N707A	S	N	ET, MO, EM, FR, SM	BSW64		2N2483	2N2222A			02
2N708	S	N	F, BL, ET, FE, IT	BSX88	BSY63	EN914	2N2369			13
2N708	S	N	F, BL, ET, FE, IT	BSX19	BSX20					13
2N708	S	N	F, BL, ET, FE, IT	BSY19						13
2N708A	S	N	F, FR, ID	BSY63		2N834	2N2222A			13
2N708/46S	S	N	SM	BSX20		2N2369				13
2N708/51	S	N	SY	BSX20		2N2369				13
2N709	S	N	F, ET, CN, NT, RC	BSX27	BSY18	2N2369A	2N2369		2N4208	13
2N709	S	N	F, ET, CN, NT, RC	BSX19	BSX44					13
2N709	S	N	F, ET, CN, NT, RC	BSX20						13
2N709A	S	N	F, MU, CN	(BSY18)	BSX27	2N2369				13
2N709A	S	N	F, MU, CN	BSX20						13
2N709A/46	S	N	SM	BSX20		2N2369				13
2N709A/51	S	N	TR, SY	BSX20		2N2369				13
2N709/46	S	N	SM	BSX20		2N2369				13
2N720	G	P	TX, MO, SR	ASZ21			2N838			13
2N710A	G	P	SR	ASZ21			2N964			13
2N711	G	P	TX, MO, SR, PH, MU	AFY11	AC125	2N964	2N838			13
2N711	G	P	TX, MO, SR, PH, MU	ASZ21	AF106					13
2N711A	G	P	MO, TX, ES, FR, NU	(AFY11)	ASZ21					13
2N711B	G	P	MO, TX, FR, SR	(AFY11)	ASZ21					13
2N715	S	N	ET, SM, SQ, St	BSW64		2N2221	2N4875			02
2N715	S	N	ET, SM, SQ, St			2N2222A				02

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N716	S	N	ET, SM, SQ	BSW64		2N2221	2N4875			02
2N716						2N2222A				02
2N717	S	N	F, ET, RY, TR, TI	BFX69	BSX45-6	2N4436	2N2222			02
2N717				BSX33		2N2221	2N731			02
2N717A	S	N	EM	BSX73		2N731				02
2N718	S	N	F, MO, TX, ET, IC	(BSX45-6)						02
2N718A	S	N	F, MO, TX, ET, RY	(BSX45-6)						02
2N719	S	N	F, ET, IC, RY, TX	BSX47-6		2N3498	2N2222			02
2N719						2N3700				02
2N719A	S	N	F, ET, TX, CN, EM	BSX47-6		2N3498	2N3700			02
2N720	S	N	F, ET, RY, TX, CN	BSX47-6	BSX47-10	2N3498	2N2222			02
2N720						2N3700				02
2N720A	S	N	F, ET, MO, TX, TI	BSX47-6	BSX47-10	2N3498	2N3700			10
2N721	S	P	F, MO, TX, RY, TT	(BSV16-6)	BSX36	EN722	2N2837			02
2N721				BSW24		2N2907	2N2907A			02
2N721A	S	P	F, FR, RY, SQ, TD	(BSV16-6)	BSW24	2N2907A				02
2N722	S	P	F, MO, TX, RY, NU	BSV16-6	BSX36	EN722	2N2907			02
2N722				BSW24		2N2907A				02
2N722A	S	P	F, RY, TR, SM, FR	BSV16-6	BSW24	2N2837	2N2907A			02
2N726	S	P	SY	AF201U	AF201	2N2635				13
2N725				AF202	AF121					13
2N725				AF106						13
2N726	S	P	ET, MO, EM, ET, TX	BC177A	BC178VI	2N3250	2N3965			01
2N726				BC177						01
2N727	S	P	ET, MO, FE, FR, TX	BC177A	BC178VI	2N3250	2N3965			01
2N727				BC177						01
2N728	S	N	SS, TR	BSY62	BSY63	2N2539	2N2222A			13
2N728				BSW64						13
2N729	S	N	SS, TR	BSW64		2N2539	2N2222A			13
2N730	S	N	TX, ET, TR, CN, RY	BSX45-6	BSX33	2N2218	2N731			01
2N730A	S	N	TX	BSX45-6	BSX45-10					
2N731	S	N	MO, TX, ET, TR, RY	BSX45-6	BSX33	2N2221A				
2N733	S	N				2N2221A				
2N734	S	N	ET, TX, CN, TT, RA	BSX46-6	BSX46	2N2221A	2N2222A			01
2N734				BFY80	BSW64					01
2N734A	S	N	ET, SS	BSW64		2N2222A				01
2N735	S	N	ET, MO, TR, SD, CN	BSX46-6	BSX46	2N2221	2N1091			01
2N735				BFY80	BSW64					01
2N735A	S	N	ET, SD, CN, SQ, TD	BSX46-6	BSW64	2N2222A				01
2N736	S	N	MO, ET, TR, LI, TD	BSX46-10	BSX46	2N2222A	2N1091			01
2N736				BSY80	BFY44					01
2N736				BSW64						01
2N736A	S	N	ET, CN, SD, TD, TX	BSX46-10	BSW64	2N2222	2N2222A			01
2N736B	S	N	ET, SD, CN, SQ	BSX46-10	BSW64	2N2222A				01
2N738	S	N	ET, CN, TR, SM, SQ	BSX47-6	BSW64	2N2222A				01
2N738A	S	N	ET, SS	BSW64		2N2222A				01
2N739	S	N	ET, MO, TR, CN, SM	BSX47-6	BSW64	2N2221A	2N2222A			01
2N739A	S	N	ET, SD, CN, SQ	BSX47-6	BSW64	2N2222A				01
2N740	S	N	ET, MO, TR, TX, SD	BSX47-10	BC141	2N2222A				01
2N740				BSW64						01
2N740A	S	N	ET, SD, CN, SM, SQ	BSX47-10	BFY45	2N2222A				01
2N740A				BSW64						01
2N741	G	P	MO, SQ	AF202	AF202S	2N2996	2N5043			02
2N741				AF121S	AF106					02
2N741A	G	P	MO, SM	AF202	AF106					02
2N742	S	N	ET, SM, SQ, TD	BCY65EVII	BSW64	2N2218	2N2217			10
2N742						2N2219	2N2222A			10
2N742A	S	N	ET, CN, SM, SQ, TD	BCY65EVII	BSW64	2N2218	2N2222A			10
2N743	S	N	BL, F, MO, PH, GI	BSX90	BSY17	2N835	2N2369			13
2N743				BSX19	BSY21					13
2N743				BF168	BSX20					13
2N743A	S	N	CA, RY, SM, SQ, TI							13
2N743/46	S	N	SY	BSX20		2N2369				
2N743/51	S	N	SY	BSX20		2N2369				
2N744	S	N	BL, F, IT, RY, V	BSX91	BSY18	EN744	2N2369			13
2N744				BSX20	BSY21					13
2N744				BF168						13
2N744A	S	N	CA, RY, SM, SQ							13
2N744/46	S	N	SY	BSX20		2N2369				
2N744/51	S	N	SY	BSX20		2N2369				
2N749	S	N	RY	BCY59	BSY44	2N697	2N2222A			02
2N749				BSY11	BSW66					02
2N750	S	N	RY	BCY59	BSY44					
2N750				BSY11						
2N751	S	N	RY	BSW66		2N697	2N2222A			02

TYPE	M/S	POI	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
2N752	S	N	CN, ET, SM, SQ	BFY44	BSW66	2N2221	2N736	02
2N752						2N2222A		02
2N753	S	N	F, MO, PH, TX, BL	BSY628	BSY62		2N2369	13
2N753				BSX20	BSY39			13
2N753				BSY70		2N2369		13
2N753/45	S	N	SM	BSX20		2N2369		
2N753/51	S	N	SY	BSX20		2N2369		
2N754	S	N	TR, CN, ET, SM, SR	BSY10	BSW66	2N2218	2N1893	02
2N754						2N2243A	2N2222A	02
2N755	S	N	TR, CN, ET, SM, SQ			2N2218	2N1893	02
2N755								02
2N756	S	N	ET, CN, TR, SM, SQ	BCY59V11	BSY10	2N2243A	2N3019	01
2N756				BSW66		2N734	2N2222A	01
2N756A	S	N	ET, CN, SM, SQ	BCY65EV11	BSW66	2N2222A		01
2N757	S	N	ET, CN, IC, SM, TR	BCY59V11	BSY10	2N734	2N2222A	01
2N757				BSW66				01
2N757A	S	N	ET, CN, SM, SQ	BCY65EV11	BSW66	2N2222A		01
2N758	S	N	ET, TR, CN, IC, SM	BSY59V11	BSY11	2N734	2N2222A	01
2N758				BSW66				01
2N758A	S	N	ET, CN, SM, TR, SD	BCY65EV11	BSW66	2N2222A		01
2N758B	S	N	ET, SD, CN, SM, SQ	BCY65EV11	BSW66	2N2222A		01
2N759	S	N	ET, TR, TD, SM, SD	BCY59V11	BSW66	2N2222A		01
2N759A	S	N	ET, TR, SM, SD, TD	BCY65EV11	BSW66	2N2222A		01
2N759B	S	N	ET, SD, SM, SQ	BCY65EV11	BSW66	2N2222A		01
2N760	S	N	ET, NS, RY, TI, CN	BCY59V11	BFY76	2N2222A		01
2N760				BCY59IX	BSW66			01
2N760A	S	N	ET, NS, RY, TR, TI	BCY65EV11	BCY65EV11	2N2483	2N2222A	01
2N760A				BSW66				01
2N760B	S	N	ET, SD, SM, SQ	BCY65EV11	BSW66	2N2222A		01
2N761	S	N	ET, CN, IC, SZ, SQ	BC107A	BSW66	2N2222A		01
2N762	S	N	ET, MO, TD, SQ, St	BC107A	BSW66	2N2222A		01
2N768	G	P	FR, ID, SP	AF124		2N961	2N990	13
2N769	G	P	F, ID, SP	AF124		2N961	2N990	13
2N770	S	N	PH			2N3014		13
2N771	S	N	PH			2N3014		13
2N772	S	N	PH			2N3014		02
2N773	S	N	PH			2N3014		02
2N774	S	N	PH			2N3014		02
2N775	S	N	PH			2N3014		02
2N776	S	N	PH			2N3014		02
2N777	S	N	PH			2N3014	2N734	02
2N778	S	N	PH			2N734	2N3014	02
2N779	G	P	SQ	AF106		2N964		13
2N779A	G	P	FR, MO, SP, SQ, ID	AF106		2N964		13
2N779B	G	P	PH	AF106		2N964		13
2N780	S	N	ET, CN	BCY59V11	BF115	2N2220	A157	01
2N780				BC107A	BC107			01
2N781	G	P	SY			2N2635		13
2N782	G	P	SR			2N2635		13
2N783	S	N	F, ET, FR, RY, CA	(BSY63)	BSX28	2N4274	2N834	13
2N783				BSX20		2N2369A	2N2369	13
2N784	S	N	CN, ET, IT, RY, FR	BSX28	BSX20	2N4274	2N834	13
2N784						2N2369A	2N2369	13
2N784A	S	N	CA, ET, MN, RY	BSX20		2N834	2N2369	13
2N784/46	S	N		BSX20		2N2369		
2N784A/51	S	N		BSX20		2N2369		01
2N785	G	P		AF124		2N990		01
2N789	S	N	SQ	BCY32		2N332	2N1475	01
2N790	S	N	RY	BCY32		2N333	2N1475	01
2N791	S	N	RY	BCY32		2N334	2N1475	01
2N792	S	N	RY	BCY32		2N335	2N1475	01
2N793	S	N	RY	BCY32		2N336	2N1475	01
2N794	G	P	SM, SP, SQ	AF124		2N2635	2N990	13
2N795	G	P	FR, SP, SM, SQ, ID	AF124		2N2635	2N990	13
2N796	G	P	FR, ID, SM, SP, SQ	AF124		2N2635	2N990	13
2N797	G	N	TX, SQ			2N2369		13
2N799	G	P	RY	AF101	AF117	2N1305		10
2N799				AF127	ASY27			10
2N800	G	P	RY	ASY27		2N404	2N1305	10
2N801	G	P	RY	ASY27		2N404	2N1305	10
2N802	G	P	RY	ASY27		2N404	2N1305	10
2N803	G	P	RY	ASY27		2N404	2N1305	10
2N804	G	P	RY	ASY27		2N404	2N1305	10
2N805	G	P	RY	ASY27		2N404	2N1305	10
2N806	G	P	RY	ASY27		2N404	2N1305	10

TYPE	MS	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N807	G	P	RY	ASY27		2N404	2N1305			10
2N808	G	P	RY	ASY27		2N404	2N1305			10
2N809	G	P	RY	ASY27		2N404	2N1305			02
2N810	G	P	RY	ASY27		2N404	2N1305			02
2N811	G	P	RY	ASY27		2N1305				02
2N812	G	P	RY	ASY27		2N404	2N1305			02
2N813	G	P	RY	ASY27		2N404	2N1305			02
2N814	G	P	RY	ASY27		2N404	2N1305			02
2N815	G	N	RY	ASY29		2N1304				10
2N816	G	N	RY	ASY29		2N1304				10
2N817	G	N	RY	ASY29		2N1304		2N3505		10
2N818	G	N	RY	ASY29		2N1304				10
2N819	G	N	RY	ASY29		2N1304				10
2N820	G	N	RY	ASY29		2N1304				10
2N821	G	N	GI, RY	ASY29		2N1304				10
2N822	G	N	RY	ASY29		2N1304				10
2N823	G	N	RY	ASY29		2N1304				10
2N824	G	P	RY	ASY27		2N1305				02
2N825	G	P	RY	ASY27		2N404	2N1305			10
2N826	G	P	RY	ASY27		2N404	2N1305			10
2N827	G	P	MO, SQ							13
2N828	G	P	MO, SR, SQ							13
2N828A	G	P	MO, SQ							13
2N829	G	P	MO, SQ							13
2N834	S	N	MO, F, IT, TI, GI	BSX28	BSY63	2N4274	2N3014		2N2894A	13
2N834				BCY56	BSY23	2N2369				13
2N834				BSX20						13
2N834A	S	N	CN, CA, RY, IT, SG	BSX28	BSY63	2N4274	2N2369			13
2N834A				BFY66	BSX20					13
2N834/46	S	N	SM	BSX20		2N2369				13
2N834/51	S	N	TR	BSX20		2N2369				13
2N835	S	N	F, MO, IT, TR, GI	BSY63	BSX28	2N4274	2N3014			13
2N835				BSY62	BSX20	2N2369				13
2N835/46	S	N	SM	BSX20		2N2369				13
2N835/51	S	N	TR	BSX20		2N2369				13
2N837	G	P	SR			2N838				13
2N838	G	P	MO			2N2635				13
2N839	S	N	ET, TR, TI, SM, SQ	BCY59VII	BSY44	2N2222	2N992			02
2N839				BF177	BSY11	2N930	A157			02
2N838				BC107						02
2N840	S	N	ET, MO, TR, SM, TI	BCY59VII	BC107	2N2221	2N929			02
2N840						2N930	A157			02
2N841	S	N	ET, MO, TR, TI, SM	BCY59VII	BC107	2N2222	2N929			02
2N841						2N930	A157			02
2N841/46	S	N	SM	BC107		A157				02
2N841/51	S	N	TR	BC107		A157				02
2N842	S	N	ET, TR, SM, SQ, TI	BCY59VII	BC107	2N2221	2N4252			02
2N842						2N4253	A157			02
2N843	S	N	ET, TR, SM, SQ, TI	BCY59VII	BC107	2N2222	2N4252			02
2N843						2N4253	A157			02
2N844	S	N	TR, SM, SQ, TI	BC107		2N1893	2N2243A			02
2N844						A157				02
2N845	S	N	TR, SM, SQ, TI	BSX21		2N1893	2N2243A			02
2N845						2N2896				02
2N846	G	P	SP, PH			2N960	2N964			13
2N846A	G	P	FR, ID, SP			2N960	2N964			13
2N846B	G	P	PH			2N960	2N964			13
2N847	S	N	RY	BSX20		2N2369				10
2N848	S	N	RY	BSX20		2N2369				10
2N849	S	N	TX, SM, SQ	BSX48	BSX19	2N835	2N2369			13
2N849				BSX20						13
2N850	S	N	TX, SM	BSX18	BSX20	2N834	2N2369			13
2N851	S	N	TX, SM, SQ	BSX18	BSX19	2N835	2N2369			13
2N851				BSX20						13
2N852	S	N	TX, SM, SQ	BSX20		2N834	2N2369			13
2N858	S	P	CR, SM, ID, SP, SQ	BSW24		2N2945	2N2907A			10
2N859	S	P	CR, ID, SM, SP, SQ	BSW24		2N2945	2N1907A			10
2N860	S	P	CN, SP, CR, SM, SQ	BSW24		2N2945	2N2907A			10
2N861	S	P	CN, CR, SP, SM, SQ	BSW24		2N2944	2N2945			10
2N861						2N2907A				10
2N862	S	P	CR, SP, FR, SM, ID	BSW24		2N2944	2N2945			10
2N862						2N2907A				10
2N863	S	P	CN, CR, SP, FR, SM	BSW24		2N2944	2N2945			10
2N863						2N2907A				10
2N864	S	P	CR, SP, FR, SM, ID	BSW24		2N2904	2N2905			10

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
2N854					2N2907A			10
2N864A	S	P	CR, FR, ID	BSW24	2N2904	2N2905		10
2N864A					2N2907A			10
2N865	S	P	CR, SP, SM, FR, ID	BSW24	2N2904	2N2905		10
2N865					2N2907A			10
2N865A	S	P	CR, FR	BSW24	2N2904	2N2905		10
2N865A					2N2907A			10
2N866	S	N	St	BSW54	2N2219A			10
2N867	S	N	St	BSW54	2N2219A			10
2N869	S	P	F, MO, TI, CN, EM	BCY78VII	BSX29	2N4389	2N2904	2N916
								02
2N869				BSW24	2N2905	2N2907A		02
2N869A	S	P	F, MO, ES, IT, NS	BCY78VII	BSW25	2N4313	2N3250	2N914
2N869A					2N2894	2N3576		10
2N869A					2N3546			10
2N870	S	N	F, CN, RY, TD, TX	BSX46-6	BSX46-10	2N2222	2N1990R	2N3250A
								02
2N870				BSX21				02
2N871	S	N	F, RY, ET, TX, TI	BSX46-10	BSX21	2N2222	2N1990R	2N3251A
2N902	S	N	RY	BSW64		2N332	2N2222A	01
2N903	S	N	RY	BSW64		2N333	2N2222A	01
2N904	S	N	RY	BSW64		2N334	2N2222A	01
2N905	S	N	RY	BSW64		2N335	2N2222A	01
2N906	S	N	RY	BSW64		2N336	2N2222A	01
2N907	S	N	RY	BSW64		2N337	2N3015	01
2N907						2N2222A		01
2N908	S	N	RY	BSW64		2N338	2N3015	01
2N908						2N2222A		01
2N909	S	N	CN, FR, ET, SM, SR	BSX33		2N2222	2N2192	01
2N909						2N2243A	2N701	01
2N910	S	N	F, MO, TX, ET, TX	BSX46-6	BSX46-10	2N2222	2N1990R	01
2N910				BFY65	BSX21			01
2N911	S	N	F, ET, MO, TX, RY	BSX46-10	BSX21	2N2222	2N1990R	01
2N912	S	N	F, ET, RY, TI, TX	BSX46-6	BSX21	2N2222	2N1990R	01
2N913	S	N	EM, SM, SQ	BC107		A157		
2N914	S	N	F, BL, MO, NU, PH	BSX87	BSX87A	EN914	2N708	2N3546
2N914				BSY63	BSX20	2N2369		13
2N914				BCY59	BSY21			13
2N914A	S	N	F	BSX20		2N2369		13
2N914B	S	N	F	BCY86				
2N914/46	S	N	SM	BSX20		2N2364		
2N914/51	S	N	SM	BSX20		2N2369		
2N915	S	N	F, MD, RY, ET, ME	(BSX49)	BFY75	EN915	2N2221A	02
2N915				BF115		2N2222A		02
2N915				BF194	BFY27			02
2N915				BSY22	BCY86			02
2N915				BSW64				02
2N915A	S	N	TI, SM, SQ, TD	BSW64		2N2222A		03
2N916	S	N	F, MO, ET, ME, RY	(BCX48)	BFY74	2N3691	2N2222A	2N869
2N916				BSY63	BCY56			02
2N916				BFY27	BSW64			02
2N916A	S	N	TI, RY, SM, SQ, TD	BSW64		2N2222A		02
2N916B	S	N	TI, SM, SQ, TD	BSW64		2N2222A		03
2N917	S	N	RY, TX, NS, TI, CA	BFX73		2N3563	2N918	02
2N917A	S	N	CA, RY, SM, SQ	BFX73		2N918		02
2N917/46	S	N	SM	BFX73		2N918		
2N917/51	S	N	SM, SY, TR	BFX73		2N918		
2N918	S	N	F, MO, PH, TX, FR	(BFX89)	BFX73	EN918		02
2N918				BSX19	BFY20			02
2N918				BFX62	BFY66			
2N918/46	S	N	TR, SY	BFX73		2N918		
2N918/51	S	N	SY, TR	BFX73		2N918		
2N919	S	N	CN, ET, MU	BSX84		2N834	2N2222A	13
2N920	S	N	CN, ET, MU	BSW64		2N834	2N2222A	13
2N921	S	N	CN, ET	BSW64		2N834	2N2222A	13
2N922	S	N	CN, ET	BSW64		2N834	2N2222A	13
2N923	S	P	CR, SM, SQ, RY, SD	BC177		2N3965		01
2N924	S	P	CN, RY, SD, SQ, SM	BC177		2N3965		01
2N925	S	P	CR, SM, SQ, RY, SD	BC177		2N3965		01
2N926	S	P	CN, RY, SD, SQ, SM	BC177		2N3965		01
2N927	S	P	CR, SD, SQ, SM	BSX21	BC177	2N2604	2N2605	01
2N927						2N3965		01
2N928	S	P	SR, SD, SQ, SM	BC177		2N2604	2N2605	01
2N928						2N3965		01
2N929	S	N	F, MO, PH, TX, FR	BC414B	BFX92	2N3565	2N930	01
2N929				BFX92A	BC107A			01
2N929				BC107	BSY11			01

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
2N929				BC109				01
2N929A	S	N	MO, TX, ME, RY, TI	(BC4148)	BC109	2N930		01
2N929/51	S	N	TR, SY	BC109		2N930		
2N930	S	N	F, MO, PH, TX, NS	BC4148	BFX93	EN920		01
2N930				BFX93A	BC107B			01
2N930				BC107	BCY59			01
2N930				BC109				01
2N930A	S	N	MO, TX, ME, RY, SD	(BC4148)	BC109	2N930		01
2N930A/46	S	N	SM	BC109		2N930		
2N930A/51	S	N	TR	BC109		2N930		
2N930B	S	N	CA, RY, TI	BC109		2N930		01
2N930/46	S	N	SM	BC109		2N930		
2N930/51	S	N	TR, SY	BC109		2N930		
2N934	G	P	RC			2N965	2N2635	13
2N934						2N2907A		13
2N935	S	P	SD, CR, CN, RY, SM	BSW24		2N327A	2N2945	01
2N935						2N3546		01
2N936	S	P	SD, CR, CN, RY, SM	BSW24		2N328A	2N2945	01
2N936						2N2907A		01
2N937	S	P	SD, CR, RY, SQ, SM	BSW24		2N329A	2N2945	01
2N937						2N2907A		01
2N938	S	P	SD, CR, RY, SQ, TR	BSW24		2N2945	2N2907A	01
2N939	S	P	SD, CR, CN, RY, SQ	BSW24		2N2945	2N2907A	01
2N940	S	P	SD, CR, RY, SM, TD	BSW24		2N2945	2N2907A	01
2N941	S	P	SD, CR, RY, SM, SQ	BSW24		2N2945	2N2907A	12
2N942	S	P	SD, CR, RY, SQ, TD	BSW24		2N2945	2N2907A	12
2N943	S	P	SD, CR, CN, RY, SM	BSW24		2N2945	2N2907A	12
2N944	S	P	SD, CR, RY, SM, SQ	BSW24		2N2945	2N2907A	12
2N945	S	P	SD, CR, RY, SM, SQ	BSW24		2N2945	2N2907A	12
2N946	S	P	SD, CR, CN, SM, TD	BSW24		2N2945	2N2907A	12
2N947	S	N	CN, SM, SG, SQ	BSX87	BSY62	EN914	2N834	10
2N947				BSY63	BSX20	2N706	2N2329	10
2N955	G	N	RC, MO			2N797		13
2N955A	G	N	RC					13
2N956	S	N	F, MO, TX, ET, RY	BSX45-16	BSX33	EN956	2N2222A	02
2N956				BC141-10	BSY83	2N2222	2N731	02
2N956				BC140C				02
2N957	S	N	CN, CA, EM, ET, FR	BFY74	BSY10	2N3691	2N2501	02
2N957				BSY11	BSX20	2N2484	2N2369	02
2N958	S	N	TW	BSX20		2N706	2N2369	13
2N959	S	N	TW	BSX20		2N706	2N2369	13
2N960	G	P	MO, TX, SR	ACY26		2N964		13
2N960/46	G	P	SY					
2N961	G	P	MO, SR, TX, SS, SQ	(ACY26)		2N964		13
2N961/46	G	P	SY					
2N962	G	P	MO, SR, SQ, SS, TX	(ASY26)		2N964		13
2N962/46	G	P	SY					
2N963	G	P	MO, SR, SS, TX	(ASY26)		2N964		13
2N964	G	P	MO, SR, TX	ASY26	ASY27			13
2N964A	G	P	MO, ES, SR	ASY26		2N964		13
2N964/46	G	P	SY					
2N965	G	P	MO, SR, ES, SS, TX	ASY26		2N964		13
2N966	G	P	MO, SR, SS, TX	(ASY26)		2N964		13
2N967	G	P	MO, SR, SS, TX	(ASY27)		2N964		13
2N968	G	P	MO, SR, SQ, TX	(ASY26)		2N964		13
2N969	G	P	MO, SR, SQ, TX	ASY26		2N964		13
2N970	G	P	MO, SR, SQ, TX	(ASY26)		2N964		13
2N971	G	P	MO, SR, SQ, TX	(ASY26)		2N964		13
2N972	G	P	MO, SR, SQ, TX	(ASY27)		2N964		13
2N973	G	P	MO, SR, SQ, TX	(ASY27)		2N964		13
2N974	G	P	MO, SR, SQ, TX	(ASY27)		2N964		13
2N975	G	P	MO, SR, SQ, TX	(ASY27)		2N964		13
2N976	G	P	SQ			2N964	2N961	13
2N977	G	P	PH			2N964	2N985	13
2N978	S	P	F, MO, TR, SM, CN	BC108A	BSX36	2N5142	2N2837	02
2N978				BSW24		2N721	2N2907	02
2N978						2N2907A		02
2N979	G	P	SP, FR, ID			2N2635		13
2N980	G	P	SP, FR, ID, SM, SQ			2N2635		13
2N981	S	N	FR, NS, SM, SQ	BC107		A157		01
2N982	G	P	SP, FR, ID, SQ			2N964		13
2N983	G	P	SP, FR, ID, SQ			2N964		13
2N984	G	P	SP, FR, ID, SQ			2N964	2N985	13
2N985	G	P	TX, MO, SR, SQ			2N964		13
2N986	P	N	F, SG	BPY65		LS600		04

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N987	G	P	AM, MU, PE	AF106	AF124	2N2635	2N990			02
2N988	S	N	SM, SQ, TI	BSW64		2N2221	2N706			02
2N988						2N2222A				02
2N989	S	N	SM, TI, SQ	BSW64		2N2221	2N706			02
2N989						2N2222A				02
2N990	G	P	AN, PE	AF185	AF124					02
2N990				AF134						02
2N991	G	P	PE	AF185	AF125	2N2635	2N990			02
2N991				AF135	AF124					02
2N992	G	P	PE	AF185	AF126	2N2635	2N990			02
2N992				AF136	AF124					02
2N993	G	P	AM, PE	AF185	AF127	2N2635	2N990			02
2N993				AF137	AF124					02
2N994	G	P	SR							13
2N995	S	P	F, MO, TI, CN, NS	BC178A	BC179VI	2N4389	2N2907A			02
2N995				BSW19	BC179					02
2N995				BC206	BSW24					02
2N995A	S	P	F, MD, IT, SG	BC178A	BSW24	2N4313	2N3250			02
2N995A						2N2907A				02
2N996	S	P	F, MO, SM, SQ, TD	BC178A	BSX29	2N3248	2N2906			02
2N996				BSW24		2N2907	2N2907A			02
2N997	S	N	TX, F, RY, GE, SG	BFX67						01
2N998	S	N	F, GE, RY, TI, MO	BFX66		2N997				04
2N999	S	N	F, GE, RY, MO, CN	BFX67		2N997				04
2N1000	G	N	CN, ET, GI	ASY29		2N1304				10
2N1003	G	P	MO	ASY27		2N1305				02
2N1004	G	P	MO	ASY27		2N1305				02
2N1005	S	N	TX, St	BC107		A157				01
2N1006	S	N	TX, St	BC107		A157				01
2N1007	G	P	ET, CN, KS	AD1311V	ADY27	2N1536				06
2N1007				AD149	ASZ16			2SB222		01
2N1008	G	P	ET, MO, SR, CN, FR	(ASY70VI)	AC117	2N1176				01
2N1008				AC128	AC153					01
2N1008				ACY17						01
2N1008A	G	P	ET, MO, CN, FR, IC	ASY48VI	ACY17	2N1176				01
2N1008B	G	P	ET, MO, ES, SR, FR	(ASY48VI)	ACY17	2N1176				01
2N1009	G	P	SD	AC153	AC117	2N1176		2SA219		01
2N1009				AC128	ACY17					01
2N1010	G	N	CN, ET	AC127	ASY29	2N1302	2N2430			01
2N1010						2N1304				01
2N1011	G	P	ET, MO, SD, PP, CN	(AUY22IV)	AUY21II	T13027	2N1536			06
2N1011				ASZ18	ADY26					06
2N1012	G	N	GI, ET, CN	ASY73	ASY29	2N388A	2N1306	2SD11		10
2N1012						2N1304				10
2N1014	G	P	RC	AC153	AS117	2N1552	2N456A	2SB248A		05
2N1014				AC128	ASZ18	2N1021	2N1533			06
2N1014				ASZ15						06
2N1015	S	N	W, ET, SZ, CN, FR	BLY17	BDY20	2N3713	2N3055			16
2N1015A	S	N	W, ET, SZ, CN, FR	BDY20		2N3055				16
2N1015B	S	N	W, ET, SZ, CN, FR	BDX50		2N3773				16
2N1015C	S	N	W, ET, SZ, CN, FR	BDX50		2N3773				16
2N1015D	S	N	W, ET, SZ, SN, FR	BU120						16
2N1016E	S	N	W, SZ, FR, SF, SU	BU120						16
2N1015F	S	N	FR, SU, SQ, SF	BU120						16
2N1016	S	N	W, SZ, ET, FR, SF	BDY20		2N3713	2N3055			16
2N1016A	S	N	W, ET, SZ, CN, FR	BDY20		2N3055				16
2N1016B	S	N	W, SZ, ET, CN, SF	BDX50		2N3773				16
2N1016C	S	N	W, ET, SZ, FR, SF	BDX50		2N3773				16
2N1016D	S	N	W, SZ, ET, FR, SF	BU120						16
2N1016E	S	N	W, FR, SU, SZ, SQ	BU120						16
2N1016F	S	N	FR, SQ, SU	BU120						15
2N1017	G	P	IC, CN, FR, SZ, UP	ASY27		2N404	2N582			10
2N1017						2N1305				10
2N1018	G	P	CN, FR, UP, ET, IC	ASY27		2N404	2N582			10
2N1018						2N1305				10
2N1021	G	P	ET, MO, TX, SD, CN	AUY22IV	ASZ15	2N456A	2N1014			06
2N1021						2N1533				06
2N1021A	G	P	ET, TX, SD, CN, KS	(AUY22IV)	ASZ15	2N1021	2N1533			06
2N1022	G	P	ET, MO, TX, SD, CN	(AUY22IV)	ASZ15	2N456A	2N1100			06
2N1022						2N1533				06
2N1022A	G	P	ET, TX, SD, KS, PP	(AUY22IV)	ASZ15	2N1022	2N990			06
2N1023	G	P	RC	AF106	AFZ12	2N3323	2N2635			01
2N1023				AF124		2N990				01
2N1024	S	P	SD, CR, RY, ET, CN	BC160	BCY12	2N1132	2N2944			01
2N1024				BCY32		2N2946	2N1475			01

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N1025	S	P	SD, CR, ET, RY, CN	BC160	BCY11	2N32	2N2944			01
2N1025				BCY32		2N2945	2N1475			01
2N1026	S	P	SD, ET, CR, RY, SQ	BC160	BCY11	2N1132	2N2944			01
2N1026				BCY12	BCY32	2N2945	2N1475			01
2N1026A	S	P	CR, ET	BCY32		2N1475				01
2N1027	S	P	ET, SD, CR, RY, CN	(BC178A)	BC178V1	2N2944	2N2945			01
2N1027				BC178	BC205	2N1475				01
2N1027				BCY23						01
2N1028	S	P	ET, SD, CR, RY, SM	(BC178A)	BCY32	2N2944	2N1475			01
2N1029	G	P	ET, CI, SR	ASZ16		2N1553	T13027			06
2N1029						2N1536				06
2N1029A	G	P	KS	ASZ16		2N1554	T13027			06
2N1029A						2N1536				06
2N1029B	G	P	KS	ASZ16		2N1555	T13027			06
2N1029B						T13031	2N1533			06
2N1029C	G	P	KS	ASZ16						06
2N1029C						2N1556	2N456A			06
2N1030	G	P	ET, CI, SR			2N3146	2N1533			06
2N1030						2N1557	2N456A			06
2N1030A	G	P	ET, CI, SR			2N1558	2N456A			06
2N1030A										06
2N1030A	G	P	ET, CI, SR			2N514				06
2N1030B	G	P	ET, CI, SR			2N1559				06
2N1030C	G	P	ET, CI, SR			2N1560				06
2N1031	G	P	ET, SD, PP	(AU29V)	AD133	2N1553	T13027			06
2N1031				ADZ11						06
2N1031A	G	P	ET, SD, CN, PP	(AU29V)		2N1554	T13027			06
2N1031B	G	P	SD, ET, PP, CN			2N1555	T13027			06
2N1031B						T13031				06
2N1031C	G	P	SD			2N1556	2N456A			06
2N1031C						2N3146				06
2N1032	G	P	ET, SD	(AU29V)		2N1557	2N456A			06
2N1032						2N514A				06
2N1032A	G	P	ET, SD, CN	(AU29V)		2N456A	2N514B			06
2N1034	S	P	RY, SD, CN, ET, S1	BCY32		2N2944	2N2945			01
2N1034						2N1475				01
2N1035	S	P	RY, CR, SD, SN, ET	BCY32		2N2944	2N2945			01
2N1035						2N1475				01
2N1036	S	P	RY, CR, SD, SM, TD	BCY32		2N2944	2N2945			01
2N1036						2N1475				01
2N1037	S	P	RY, CR, SD, SM, TD	BCY32		2N2944	2N2945			01
2N1037										01
2N1037	G	P	TX, KS, MO, NU, ES	AD149	AD149IV	2N1475				01
2N1038				OC30	OD603	2N2138	2N2836	2SB240		06
2N1038				AD162		2N586	2N2552			06
2N1038/1	G	P	KS	AD162		2N2835				06
2N1038/2	G	P	KS	AD162		2N2835				06
2N1039	G	P	TX, KS, MO, CN, ES	AD138/50	ASZ17	2N2139	2N1038	2SB181		06
2N1039				OC28	OC30	2N1041	2N2835			06
2N1039				AD162						06
2N1039/1	G	P	KS	AD162		2N2835				06
2N1039/2	G	P	KS	AD162		2N235				06
2N1040	G	P	TX, NU, KS, MO, S1	AD162	AD149	2N2140	2N1038	2SB181		06
2N1040				OC26	OC30	2N1041	2N2835			06
2N1040				OD603						06
2N1040/1	G	P	KS	AD162		2N2835				06
2N1040/2	G	P	KS	AD162		2N2835				06
2N1041	G	P	TX, KS, MO, CN, ID	AU211V	AD138/50	2N2141	2N1038	2SB181		06
2N1041				ASZ15	OC28	2N1040	2N1533			06
2N1041				OC30						06
2N1041/1	G	P	KS	ASZ15		2N1533				06
2N1041/2	G	P	KS	ASZ15		2N1533				06
2N1042	G	P	TX, KS, MO, CN, TR	ASZ16		2N2143	2N1536			06
2N1042/1	G	P	KS	ASZ16		2N1536				06
2N1042/2	G	P	KS	ASZ16		2N1536				06
2N1043	G	P	TX, MO, TR, KS	AD131	AD138/50	2N2144	2N1038	2SB181		06
2N1043				OC28	ASZ16	2N1536		2SB151		06
2N1043/1	G	P	KS	ASZ16		2N1536				06
2N1043/2	G	P	KS	ASZ16		2N1536				06
2N1044	G	P	TX, MO, KS, TR	AD131	AD138/50	2N2145	2N1038	2SB181		06
2N1044				OC28	OD605	2N1043	2N1533	2SB151		06
2N1044				ASZ15						06
2N1044/1	G	P	KS	ASZ16		2N1533				06
2N1044/2	G	P	KS	ASZ16		2N1533				06
2N1045	G	P	TX, TR, KS	ASZ15		2N2146	2N1014			06
2N1045						2N1038	2N1533			06

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N1045/1	G	P	KS	ASZ15		2N1038	2N2563			
2N1045/1	G	P	KS	ASZ15		2N1533				
2N1045/2	G	P	KS	ASZ15		2N1038	2N2567			
2N1045/2	G	P	TX, ET, SQ, UP, CN	AUY29/5		2N1533				03
2N1046	G	P	TX, ET, SQ, UP, CN	AUY29/5		2N2832	2N1907			03
2N1046	G	P	ET, SQ, UP, FR, TX	AL100		2N1167				03
2N1046A	G	P	ET, SQ, UP, FR, TX	AL100		2N2832	2N1907			03
2N1046A	G	P	ET, SQ, UP, FR, TX	AL100		2N2147				03
2N1046B	G	P	ET, SQ, UP, FR, TX	AL100		2N2833	2N1907			03
2N1046B	G	P	ET, SQ, UP, FR, TX	AL100		2N2147				03
2N1047	S	N	TX, ET, SF, SZ, CN	BDY79		2N4912	2N5050			06
2N1047A	S	N	TX, ET, SF, SZ, CN	BDY79		2N4912	2N5050			06
2N1047B	S	N	TX, ET, SF, SZ, FR	BDY79		2N4912	2N5050			06
2N1047C	S	N	TX, ET, SF, SZ, CN	BDY79		2N4912	2N5050			06
2N1048	S	N	TX, ET, SF, SZ, CN	BDY79		2N5050				06
2N1048A	S	N	TX, ET, SF, SZ, CN	BDY79		2N5050				06
2N1048B	S	N	TX, ET, SZ, SQ, FR	BDY79		2N5050				06
2N1049	S	N	TX, ET, SF, SZ, CN	BDY79		2N4912	2N5050			06
2N1049A	S	N	TX, ET, SF, SZ, SQ	BDY79		2N4912	2N5050			06
2N1049B	S	N	TX, ET, SQ, SZ, CN	BDY79		2N4912	2N5050			06
2N1049C	S	N	TX, ET, SF, SZ, FR	BDY79		2N4912	2N5050			06
2N1050	S	N	TX, ET, SF, SZ, FR	BDY79		2N5050				06
2N1050A	S	N	TX, ET, SF, SZ, ES	BDY79		2N5050				06
2N1050B	S	N	TX, ET, SZ, SQ, FR	BDY79		2N5050				06
2N1050C	S	N	TX	BDY79		2N5050				06
2N1051	S	N	ID, SQ			2N2217	2N2219			02
2N1051	S	N	ID, SQ			2N2219A				02
2N1052	S	N	TR, SQ, SM	BSW66		2N5058	2N1893			01
2N1053	S	N	SM, TR, SQ	BSW66		2N1893				01
2N1054	S	N	TX, ET, UN, CN, SM	BSW66		2N5059	2N1893			01
2N1055	S	N	TR, SM, St, UN, CN	BSW66		2N1893				01
2N1056	G	P	TX	AC153	ACY24	2N2043	2N1176	ZSB224		01
2N1056	G	P	TX	AC128	AC131					01
2N1056	G	P	TX	AC152	ACY17					01
2N1057	G	P	ET, SR	AC153	AC131/30	2N1924	2N1176	ZSB225		01
2N1057	G	P	ET, SR	OC72	AC128					01
2N1957	G	P	ET, SR	AC117	ACY17					01
2N1058	G	N	ET, NP	ADY26	ASY74	2N1304				01
2N1058	G	N	NP, ET	ASY29						01
2N1059	G	N	NP, ET	AC127	ASY29	2N2430	2N1304	ZSD11		01
2N1060	S	N	DD, CI, SR	BSW64		2N2501	2N2217			13
2N1060	S	N	DD, CI, SR	BSW64		2N2219	2N2222A			13
2N1065	G	P	MO	AF124		2N2188	2N990			01
2N1066	G	P	RC, PE, MO	AF118	AFZ12	2N3323	2N990			02
2N1066	G	P	RC, PE, MO	AF124						02
2N1067	S	N	SF, SU, SQ, SZ	ZT1486		2N3766	2N4237			16
2N1067	S	N	SF, SU, SQ, SZ	ZT1486		2N1486				16
2N1068	S	N	SF, SU, SQ, SZ	ZT1486		2N3766	2N4237			16
2N1068	S	N	SF, SU, SQ, SZ	ZT1486		2N1486				16
2N1069	S	N	ET, SD, SZ, SF, SQ	BDY20		2N3766	2N4913			16
2N1069	S	N	ET, SD, SZ, SF, SQ	BDY20		2N5067	2N3055			16
2N1070	S	N	ET, SD, SZ, SF, SQ	BDY20		2N3766	2N4913			16
2N1070	S	N	ET, SD, SZ, SF, SQ	BDY20		2N5067	2N3055			16
2N1072	S	N	GP, SZ	BDY78		2N3766				16
2N1073	G	P	MO, SD, ET, DD, KS	(AUY21111)	AU103	2N2147				06
2N1073	G	P	MO, SD, ET, DD, KS	(AUY21111)	AU103	2N2147				06
2N1073A	G	P	MO, SD, DD, KS, ET	(AUY22111)	AL100	2N2147				06
2N1073B	G	P	MO, SD, KS, DD	(AUY22111)	AL100	2N2147				06
2N1074	S	N	WE			2N328A				01
2N1075	S	N	MO			2N3288				01
2N1076	S	N	ET			2N328A				01
2N1078	G	P	KS	CTP1104	SFT232	2N2835		ZSB107A		06
2N1078	G	P	KS	TF78/30	AD162					06
2N1079	S	N	TR, ET, SQ	BDY23		2N5068	2N3445			03
2N1080	S	N	TR, ET, SQ	BDY23		2N4914	2N3445			03
2N1081	S	N		BFY50		2N3724	2N3725			10
2N1081	S	N		BFY50		2N2297				10
2N1082	S	N	GP	BFY50		2N2217	2N2219			02
2N1082	S	N	GP	BFY50		2N2297				02
2N1084	S	P	SM, TR, SQ	BFS95		2N4036				02
2N1085	S	N	SM, TR, SQ	BFY50		2N2297				02
2N1086	G	N	CN, SR, ET	ASY29		2N1308	2N1304			02
2N1086A	G	N	CN, SR, ET	ASY29		2N1308	2N1304			02
2N1087	G	N	CN, SR, ET	ASY29		2N1308	2N1304			02
2N1090	G	N	CN, GI, SZ, ET	ASY29		2N1304	2N1605			10

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE	
2N1091	G	N	CN, GI, SZ, ET	ASY29	2N1304	2N1605		10	
2N1092	G	N	CN, SQ, ET	BFY50	2N4237	2N2297		16	
2N1093	G	P	CN, SZ, ET	AF106	2N1305		2SA206	01	
2N1093				AF190				01	
2N1093				AF128				01	
2N1093				ASY27				01	
2N1094	G	P	WE	AF106	2N1308			02	
2N1097	G	P	ET, SR, CN, FR, SZ	AC128	2N1414	2N2431	2SB219	01	
2N1097				AC131	2N1098	2N406		01	
2N1097				AC117				01	
2N1098	G	P	ET, SR, CN, FR, SZ	AC128	2N1414	2N2431	2SB219	01	
2N1098				AC117	2N404			01	
2N1099	G	P	DD, ET, MO, SD, CN	ADZ12	ADY28			06	
2N1100	G	P	DD, ET, MO, MU, PH	AD132V	ADZ12			06	
2N1101	G	P	CN, NP, ET	AC127	AC179	2N2430	2N647	01	
2N1101				AC176	2N1302			01	
2N1102	G	N	NP, ET, CN	AC127	2N2430	2N612		01	
2N1102				AC176				01	
2N1103	S	N	TX	BFY50	2N2297			01	
2N1104	S	N	SM	BFY50	2N2297	2N1306		01	
2N1106	S	N	TX		2N5681			01	
2N1107	G	P	CN, ET	AF185	2N990			02	
2N1108	G	P	CN, ET	AF185	AF125	2N1110	2SA159	02	
2N1108				AF137	AF124	2N990		02	
2N1108				AF181	AF115			02	
2N1108				AF131				02	
2N1109	G	P	CN, ET	AF185	AF116	2N2188	2N990	2SA154	02
2N1109				AF126	AF132			02	
2N1109				AF124				02	
2N1110	G	P	CN, ET	AF185	AF125	2N2188	2N1108	2SA156	02
2N1110				AF125	AF124	2N990		02	
2N1110				AF181	AF131			02	
2N1110				AF138				02	
2N1111	G	P	CN, ET	AF185	AF128	2N2188	2N990	2SA155	02
2N1111				AF126				02	
2N1111A	G	P	ET	AF124	2N990				
2N1111B	G	P	ET	AF124	2N991				
2N1114	G	N	CN, ET, SZ	ASY29	2N1304			10	
2N1116	G	P	ET	ASY27	2N1306			10	
2N1115A	G	P	GE	ASY27	AF132	2N1305		10	
2N1115A				AF181	AF124			10	
2N1116	S	N	ET, ST, TR, UN, SQ	BSX46-6	BFY34	2N4231	2N3252	02	
2N1116				BSX45	BSX22	2N2243A	2N2297	02	
2N1116				BFY50				02	
2N1117	S	N	TX, TR, UN, SZ, ET	BFY50		2N2183	2N2243A	02	
2N1117						2N2297		02	
2N1118	S	P	SP, CR, ID, SM, SQ	BFX29	2N2604	2N2905A	2N2605	02	
2N1118					2N2905A			02	
2N1118A	S	P	CR, RY, SP, FR, ES	BFX29	2N2604	2N2905A	2N2605	02	
2N1118A					2N2905A			02	
2N1119	S	P	CR, SP, FR, RY, SM	BFX29	2N2604	2N2905A	2N2605	10	
2N1119					2N2905A			10	
2N1120	G	P	MO, SD, ET	(AD133IV)	AD133	T13027	T13031	06	
2N1120				ASZ15		2N1533		06	
2N1121	G	N	ET	ASY29		2N1306	2N1304	02	
2N1122	G	P	FR, SM, SQ, ID, SP	AF126	AF137	2N961	2N964	2SA155	13
2N1122				AF132	AF124	2N990		13	
2N1122A	G	P	FR, SM, SQ, ID, SP	AF126	AF132	2N960	2N964	2SA155	13
2N1122A				AF137	AF124	2N990		13	
2N1123	G	P	GI, SQ			2N3427	2N1997	13	
2N1124	G	P	CN, ET, ES	ACY17		2N651	2N1377	01	
2N1124						2N1176		01	
2N1126	G	P	CN, ET	ACY17		2N651	2N2000	13	
2N1126						2N1176		13	
2N1126	G	P	PH	ACY17		2N651	2N1176	10	
2N1127	G	P	PH	ACY17		2N3428	2N1176	10	
2N1128	G	P	CN, ET	AC128	AC153	2N1182	2N2431	2SB222	01
2N1128				AC117	ACY17	2N1377	2N1176	01	
2N1129	G	P	CN, ET	AC163	AC117	2N3427	2N1377	2SB222	01
2N1129				AC128	ACY17	2N1379	2N1176	2SB223	01
2N1130	G	P	CN, ET	AC163	AC117	2N1183	2N1377	2SB222	01
2N1130				AC128	ASY17	2N1176		2SB221	01
2N1131	S	P	F, MO, PH, TX, RY	BSV16-6	BFX74	EN1132	2N2904		10
2N1131				BCZ12		2N1132	2N2906		10
2N1131				BFX30		2N2905A			10

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N1131A	S	P	F, MO, FR, SQ, TR	BSV16-6	BFX30	2N2800	2N2905A			10
2N1131A/51	S	P	SY	BFX30		2N2905A				
2N1131/51	S	P	SY	BFX30		2N2905A				
2N1132	S	P	IT, TX, MO, PH, SE	BSV16-6	BFX74	2N4037	EN1132			10
2N1132				BFX74A	BSV16-6	2N2904	2N2905			10
2N1132				BFS95	BCY18	2N4036				10
2N1132				BCZ11	BCZ12					10
2N1132A	S	P	IT, MO, SG, F, SM	BSV16-6	BFX74A	2N4037	EN1132			10
2N1132A				BFS95		2N4036				10
2N1132A/48	S	P	SM	BSW24		2N2907A				
2N1132A/51	S	P	SY	BSW24		2N2907A				
2N1132B	S	P	RY, SQ, TD, SM, EM	BFX29		2N2905A				10
2N1132B/46	S	P	SM	BSW24		2N2907A				
2N1132B/51	S	P	SY	BSW24		2N2907A				
2N1132/46	S	P	SM	BSW24		2N2907A				
2N1132/51	S	P	SY	BSW24		2N2907A				
2N1135	S	P	PH	BSW25		2N3446				10
2N1135A	S	P	PH	BSW25		2N3546				10
2N1136	G	P	ET, ST, SD, PP, CN	(AUY21IV)	AUY21	2N1540	MP249	ZSB248		06
2N1136				AD138	ASZ18	TI3027	2N1536			06
2N1136				AC117	AC153					06
2N1136				ASZ16						06
2N1136A	G	P	ET, ST, SD, CN, KS	(AUY22IV)	ASZ15	2N1542	2N1533			06
2N1136B	G	P	ST, SD, ET, PP, CN	(AUY22IV)	AUY21	2N1543	2N1533			06
2N1136B				ASZ15						06
2N1137	G	P	ET, ST, SD, KS, PP	(AUY21IV)	AUY21	2N1544	MP438	ZSB248		06
2N1137				AD138	ASZ18	2N456A	2N1533			06
2N1137				AC117	AC153					06
2N1137				ASZ16						06
2N1137A	G	P	ET, ST, SD, KS, CN	(AUY22IV)	ASZ15	2N1547	MP438A			06
2N1137B	G	P	ST, SD, PP, KS	(AUY22IV)	ASZ15	2N1546	MP438B			06
2N1137B						2N1533				06
2N1138	G	P	ET, ST, SD, PP, CN	(AUY21IV)	ASZ17	MP280	2N1545			06
2N1138A	G	P	ET, ST, SD, PP, CN	(AUY22IV)	ASZ15	2N1547	MP281			06
2N1138A						2N1533				06
2N1138B	G	P	ET, SD, PP, KS	(AUY22IV)	ASZ15	2N1548	MP282			06
2N1138B						2N1533				06
2N1139	S	N	TR, ET, CN	BSW54		2N835	2N2219A			13
2N1141	G	P	MO, TX	(AFY18D)	AF178	2N2495				02
2N1141				AF106						02
2N1141A	G	P	MO, TX	(AFY18D)	AFY18					02
2N1141A				AF106						02
2N1142	G	P	MO, TX	(AFY18D)	AF178	2N2405				02
2N1142				AFY12	AFZ12					02
2N1142				AF106						02
2N1142A	G	P	MO, TX	(AFY18D)	AFY18					02
2N1142A				AF106						02
2N1143	G	P	MO, TX	(AFY18D)	AF178	2N2495				02
2N1143				ASY76	AFY12					02
2N1143				AF212	AF106					02
2N1143A	G	P	MO, TX, ES	(AFY18D)	AFY18					02
2N1143A				AF106						02
2N1144	G	P	SN, ET	AC128	AC153	2N231	2N2431	ZSB37		02
2N1144				AC131	AC152	2N1303	2N1176			02
2N1144				OC76	ACY17					02
2N1145	G	P	CN, ET	AC128	AC153	2N1414	2N2431	ZSB37		01
2N1145				AC131	AC152	2N1303	2N1176			01
2N1145				OC76	ACY17					01
2N1146	G	P	MO, ST, CN, ET, SD	(AUY29V)	AD133	2N456A	2N1536			16
2N1146				AD138	ADZ11					16
2N1146				ADZ12	ASZ16					16
2N1146A	G	P	MO, ST, ET, CN, KS	(AUY29V)	AUY21IV	2N456A	2N1536			16
2N1146A				ADZ11	ADZ12					16
2N1146A				ASZ16						16
2N1146B	G	P	ET, MO, SD, KS, PP	AUY22IV	ASZ16	2N1536				16
2N1146C	G	P	ET, SD, MO, KS, PP	ADZ12	ASZ15	2N456A	2N1533			16
2N1147	G	P	MO, ST, ET, CN, KS	(AUY29V)	ASZ16	2N1536				16
2N1147A	G	P	MO, ST, SD, ET, KS	(AUY29V)	ASZ16	2N1536				16
2N1147B	G	P	ET, SD, MO, CN, KS	ASZ16		2N1536				16
2N1147C	G	P	ET, SD, MO, KS, PP	ASZ15		2N1533				16
2N1149	S	N	TX, ET, SO, CN, SM	BSW54		2N2219A				01
2N1150	S	N	TX, ET, SO, CN, SM	BSW54		2N2219A				01
2N1151	S	N	TX, ET, SO, CN, SM	BSW54		2N2219A				01
2N1151	S	N	TX, ET, SO, CN, SM	BSW54		2N2219A				01
2N1153	S	N	TX, ET, SO, CN, SM	BSW54		2N2210A				01

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N1154	S	N	TX, ET, SQ, CN, SM	BC107		A157				01
2N1155	S	N	TX, ET, SQ, CN, SM	BC107		A157				01
2N1156	N	N	TX, ET, SQ, CN, SM	BC107		A157				01
2N1157	G	P	SD, CD			MP501				16
2N1157A	G	P	SD, CN			MP502				16
2N1158	G	P	CN, ET	AF239S		2N1143				02
2N1158A	G	P	CN, ET	AF239S		2N1142				02
2N1159	G	P	DD, ET, PP, SD, CN	AUY22111	AUY28	2N3616	2N456A			16
2N1159	G	P		ASZ25	ADY26	2N3146	2N1533			16
2N1159	G	P		ASZ15						16
2N1160	G	P	ET, DE, DD, PP, SD	(AUY221V)	AUY22	2N3616	2N456A			16
2N1160	G	P		ASZ16	ASZ18	2N3146	2N1533			16
2N1160	G	P		ASZ15						16
2N1162A	G	P	MO, ET, SD, CN, KS			2N1162				16
2N1163	G	P	MO, ET, SD, CN, KS			2N1162				16
2N1163A	G	P	MO, ET, SD, KS			2N1162				16
2N1164	G	P	MO, ET, SD, CN, KS			2N1166				16
2N1164A	G	P	MO, ET, SD, CN, KS			2N1166				16
2N1165	G	P	MO, ET, SD, CN, KS			2N1166				16
2N1165A	G	P	MO, ET, SD, CN, KS			2N1166				16
2N1166A	G	P	MO, KS, SD, ET			2N1166				16
2N1167	G	P	MO, ET, SD, CN, KS			2N1166				16
2N1167A	G	P	MO, ET, SD, CN, KS			2N1166				16
2N1168	G	P	DD, ET, SD, CN, KS	AUY19111	ASZ18	2N3614	T13027			06
2N1168	G	P		ASZ16	AUY21	2N1536				06
2N1169	G	N	CN, SS, SZ	ASY29		2N1304				10
2N1170	G	N	CN, SZ	ASY29		2N1304				10
2N1171	G	P	CN, ET, IC, UP			2N1305				10
2N1172	G	P	KS	AD156	AD139	2N2137	T13027	2SB240		16
2N1172	G	P		AD148	OC22	T13028	2N2197			16
2N1172	G	N	WE	OC30						16
2N1173	G	P	WE	ASY29		2N1304			2N1174	10
2N1174	G	P	WE	ASY27		2N404	2N1305		2N1173	10
2N1175	G	P	MO, GE, ET, SR, UP	(AC152V1)	ACY17	2N1176				01
2N1175A	G	P	ET, GE, SR, FR, SZ	ASY17		2N1176				01
2N1176	G	P	CN, GI, ET	ACY17		2N1189	2N1038			01
2N1176	G	P				2N1176B				01
2N1176A	G	P	CN, ET	ACY17		2N1176B				01
2N1176B	G	P	ET	OC77N						01
2N1177	G	P	RC, AT	AF178	AF118	2N2957	2N2495	2SA118		02
2N1177	G	P		AF125	AF115	2N990	2N1180			02
2N1177	G	P		AF136	AF124	2N2188				02
2N1178	G	P	RC, AT	AF178	AF118	2N2953	2N2495	2SA118		02
2N1178	G	P		AF125	AF115	2N2188	2N990			02
2N1178	G	P		AF136	AF124					02
2N1179	G	P	RC, AT	AF178	AF118	2N2956	2N2495	2SA118		02
2N1179	G	P		AF125	AF115	2N2188	2N990			02
2N1179	G	P		AF136	AF124					02
2N1180	G	P	RC, AT	AF185	AF118	2N2956	2N2188	2SA118		02
2N1180	G	P		AF178	AF125	2N990				02
2N1180	G	P		AF115	AF136					02
2N1180	G	P		AF124						02
2N1182	G	P	GP	ASZ15		2N2140	2N1533			16
2N1183	G	P	ST, RC, KS	AD136V	AD136	2N2139	2N1038	2SB242		16
2N1183	G	P		AUY18	AD160	2N2140	2N1184B			16
2N1183	G	P		AC136	OC30					16
2N1183	G	P		OD603						16
2N1183A	G	P	ST, RC, KS	(AUY18V)	AUY18	2N2140	2N1038			16
2N1183A	G	P		AD136		2N1184B				16
2N1183B	G	P	ST, RC, KS	(AUY18V)	AD136	2N2141	2N1038			16
2N1183B	G	P				2N1184B				16
2N1184	G	P	ST, RC, KS	AD136VI	AD136	2N2144	2N1038			16
2N1184	G	P				2N2564	2N1184B			16
2N1184A	G	P	ST, KS, RC	AUY18V	AD136	2N2145	2N1038			16
2N1184A	G	P				2N2564	2N1184B			16
2N1184B	G	P	ST, RC, KS	(AUY18V)	AD136	2N2146	2N1038			16
2N1184B	G	P				2N2565				16
2N1185	G	P	MO, ET, SR, CN, IC	(ASY48V1)	ACY17	2N1375	2N1377			01
2N1185	G	P				2N1188				01
2N1186	G	P	MO, IC, SR, CN	(ASY48IV)	ACY17	2N1375	2N1377			01
2N1186	G	P				2N1188				01
2N1187	G	P	MO, IC, SR, CN	(ASY48V)	ACY17	2N1376	2N1377			01
2N1187	G	P				2N1188				01
2N1188	G	P	MO, IC, SR, CN	(ASY48VI)	ACY17	2N1376	2N1377			01
2N1189	G	P	MO, ET, SR, CN, IC	(ASY48V)	ACY17	2N1377				01

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	US
2N1190	G	P	MO, ET, SR, CN	(ASY48V1)	ACY17	2N1377	2N1188	01
2N1191	G	P	MO, ET, SR, CN	(ASY48V1)	AC153	2N404	2N1305	01
2N1191				AC117	AC128	2N1188		01
2N1191				OC72	ACY17			01
2N1192	G	P	MO, ET, SR, CN, GI	(ASY48V)	AC153	2N404	2N1188	07
2N1192				AC117	AC128			01
2N1192				ACY17				01
2N1193	G	P	MO, ET, SR, IC, SZ	(ASY48V1)	AC153	2N404	2N1188	01
2N1193				AC117	AC128			01
2N1194	G	P	MO, ET, SR, St, CN	(ASY48V1)	ACY17	2N1188		01
2N1194				OC318	ACY17			01
2N1195	G	P	MO, ES, TX	(AFY18D)	AF178	2N2495	2N404	02
2N1195				AF106	AF102			02
2N1195				AFY12				02
2N1196	S	P	EM, SQ, SM	BC177		2N3965		02
2N1197	S	P	EM, SQ, SM	BC177		2N3965		02
2N1198	G	N	CN, ET	ASY29		2N1304		16
2N1199	S	N	ET	BFX73		2N835	2N918	16
2N1199A	S	N	PH	BFX73		2N835	2N918	16
2N1200	S	N	PH	BFX73		2N4252	2N918	02
2N1201	S	N	PH	BFX73		2N4252	2N918	02
2N1202	G	P	SD, KS	ASZ15		2N2145	2N456A	16
2N1202						2N3146	2N1533	16
2N1203	G	P	SD, KS	ASZ15		2N2146	2N456A	16
2N1203						2N3146	2N1533	16
2N1204	G	P	MO	(ASY26)				13
2N1205	S	N	ET, TR	BSW38		2N2219A		02
2N1206	S	N	CN, ET	BSW54		2N5059	2N2219A	02
2N1207	S	N	CN, ET	BSW54		2N5059	2N2219A	06
2N1208	S	N	TR, ET, SZ, CN, ML	BDY11	BUY38	2N3445	2N3487	06
2N1208						2N3054		03
2N1208/1	S	N	SQ	BUY38		2N3054		03
2N1209	S	N	TR, SZ, St, ML, SM	BUY38		2N3445	2N1724	03
2N1209						2N3054		03
2N1209/1	S	N	SQ	BUY38		2N3054		03
2N1210	S	N	TR, ET, SD, SZ, CN	BUY38		2N3713	2N1722	03
2N1210						2N4232	2N3054	03
2N1210/1	S	N	SQ	BUY38		2N3054		03
2N1211	S	N	TR, ET, SD, SZ, CN	BUY38		2N3445	2N1722	03
2N1211						2N4132	2N3054	03
2N1211/1	S	N	SQ	BUY38		2N3054		03
2N1212	S	N	TR, ET, SZ, CN, FR	BUY38		2N3445	2N1724	03
2N1212						2N3054		03
2N1212/1	S	N	SQ	BUY38		2N3054		13
2N1217	G	N	CN, ET	ASY29		2N1308	2N1304	01
2N1218	G	N	CN, KS	AD162		2N4077		01
2N1219	S	P	SD, CR, RY, SQ, CN	BC160	BCY12	2N1132	2N4036	01
2N1219				BSF95				01
2N1220	S	P	SD, CR, RY, SQ, CN	BC160	BCY12	2N1132	2N1214	01
2N1220				BSF95		2N4036	2N2904	01
2N1220						2N2905		01
2N1221	S	P	SD, CR, RY, SQ, CN	BFS95		2N2904	2N2905	01
2N1221						2N4036		01
2N1222	S	P	SD, CR, RY, SQ, CN	BFS95		2N2904	2N2905	01
2N1222						2N4036		01
2N1223	S	P	SD, CR, RY, SQ, CN	BFS95		2N2404	2N2905	01
2N1223						2N4036		01
2N1224	G	P	AM, RC, PE	(AF125)	AF126	2N990		13
2N1224				AF137	AF116			13
2N1224				ASZ20	AF124			13
2N1225	G	P	AM, RC, NU, PE	AF125	AF135	2N990		02
2N1225				AF115	AF118			02
2N1225				AF124				02
2N1226	G	P	RC, PE, AM	AF124	AF137	2N2635	2N90	02
2N1226				AF114	AF118			02
2N1227	G	P	ET, ST, SD, PP, CN	(AD130V)	AD149	2N3611	T13027	06
2N1227				ASZ16		2N1536		06
2N1228	S	P	ET, ST, CR, RY, SD	(BC178A)	BCY32	2N1475		10
2N1228				(BC178A)	BCY32	2N1475		10
2N1230	S	P	ET, ST, CR, RY, SD	(BC177A)	BCY32	2N1475		10
2N1231	S	P	ET, ST, CR, RY, SD	(BC177A)	BCY32	2N1475		10
2N1232	S	P	ET, ST, CR, SM, SO	(BCY65EVIII)	BCY32	2N1475		10
2N1233	S	P	ET, ST, RY, CR, SM	(BCY65EVIII)	BCY32	2N1475		10
2N1234	S	P	CR, ET, SQ, St, ES	BCY32		2N1475		10
2N1238	S	P	HU	BCY32		2N1475		10

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N1239	S	P	HU	BCY32		2N1476				10
2N1240	S	P	HU, St	BCY32		2N1476				10
2N1241	S	P	HU, St	BCY32		2N1475				10
2N1242	S	P	HU, St	BCY32		2N1475				10
2N1243	S	P	HU, St	BCY32		2N1475				10
2N1244	S	P	HU, St	BCY32		2N1475				10
2N1245	G	P	CB	AD162	OC30	2N404		ZSB250		06
2N1245				OD603	SFT 232					06
2N1246	G	P	CB	AC153	AC117	2N404	2N1263	ZSB253		06
2N1246				AC128						06
2N1247	S	N	TR, ET, SQ, CN	BC107		2N930				01
2N1248	S	N	CN, SQ, TR, ET	BC109		2N930				01
2N1249	S	N	TR, ET, SQ, CN	BC109		2N930				01
2N1250	S	N	TR, SZ, ET, SU, SQ	BDY20		2N3713	2N4914			06
2N1250						2N3065				06
2N1251	G	N	CN, ET, NP	AC127		2N2430	2N1304			01
2N1251/1	S	N	SQ	BDY20		2N3065				
2N1252	S	N	F, GI, TR, ET, IC	(BSY58)	BSX30	2N2537	2N2218			10
2N1252				BSX45						10
2N1252A	S	N	RY	BFY50		2N2537	2N2297			10
2N1253	S	N	F, TR, GI, ET, IC	(BSY58)	BSX30	2N2537	2N2218			10
2N1253				BSX45	BFY50	2N2297				10
2N1253A	S	N	RY			2N2537				10
2N1254	S	P	CN, SM, TR, EM, SQ			2N722	2N2907			13
2N1255	S	P	CN, SM, TR, EM, SQ			2N722	2N2907			13
2N1256	S	P	CN, SM, EM, TR, SQ			2N722	2N2907			13
2N1257	S	P	CN, SM, TR, EM, SQ	BFX29		2N722	2N2907			13
2N1257						2N2905A				13
2N1258	S	P	CN, SM, TR, EM, SQ			2N722	2N2907			13
2N1259	S	P	CN, SM, TR, EM, SQ			2N722	2N2907			13
2N1261	G	P	SD, KS, CN	AC153	AC117	2N1531	2N1262	ZSB252		16
2N1261				AC128	AC105	2N1536				16
2N1261				ASZ16						16
2N1262	G	P	SD, KS, CN	AC153	AC131	2N1531	2N1261	ZSB252		16
2N1262				AC128	AC105	2N1536				16
2N1262				AC117	ASZ16					16
2N1263	G	P	SD, KS, CN	AC153	AUY28	2N3617	2N1536	ZSB253		16
2N1263				AC128	AC117					16
2N1263				ASZ16						16
2N1264	G	P	SY	AF178	AF127	2N1191	2N2495			02
2N1264				AF137						02
2N1265	G	P	CN, ET, UP			2N1192	2N404			02
2N1266	G	P	CN, ET	AF185	AF127	2N1191	2N404			02
2N1266				AF122	AC128	2N1188				02
2N1266				ACY17						02
2N1267	S	N	CN, ET			2N4252	2N4253			02
2N1268	S	N	ET			2N4252	2N4253			02
2N1269	S	N	ET			2N4252	2N4253			02
2N1270	S	N	ET			2N4252	2N4253			02
2N1271	S	N	ET			2N4252	2N4253			02
2N1272	S	N	ET			2N4252	2N4253			02
2N1273	G	P	TX, SR, ET, MO	AC128	AC153	2N1191	2N2431	ZSB222		01
2N1273				AC117	OC72	2N404	2N1188			01
2N1273				ACY17						01
2N1274	G	P	TX, GI, SR, ET, MO	AC128	ASY26	2N1191	2N2431	ZSB222		01
2N1274				AC153	ACY17	2N404	2N1188			01
2N1274				AC117	AC122/30					01
2N1274				OC72						01
2N1275	S	P	CR, SD, SQ, ET							05
2N1278	S	N	ET, TX, TR			2N2501				01
2N1279	S	N	ET, TR, TX			2N2501				01
2N1280	G	P	TI, ET, UP			2N1305				10
2N1281	G	P	IC, ET			2N1307				10
2N1282	G	P	IC, ET			2N1307				10
2N1284	G	P	IC, ET, UP			2N1305				10
2N1285	G	P	SY			2N2188				02
2N1287	G	P	SD	AC128	AC153	2N651	2N2431	ZSB225		01
2N1287				AC137	OC318	2N1303				01
2N1287A	G	P	SD			2N652				01
2N1291	G	P	ST, CN, KS, ET	AD130IV	AC153	2N1529	T13027	ZSB248	2N1292	06
2N1291				AC117	AC128					06
2N1291				OC318						06
2N1292	G	P	SZ, GP, CI						2N1291	06
2N1293	G	P	ST, ET, KS	AD132IV	AC153	2N1531	T13027	ZSB248A	2N1294	06
2N1293				AC117	AC128					06

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	US
2N1293	G	P	ST, ET, KS	OC74						06
2N1296	G	N	SZ, GP, CI	AD133IV	AC153	2N1532	2N456	2SB249	2N1296	06
2N1295				AC117	AC128					06
2N1295				OC74						06
2N1296	G	N	SZ, GP, CI						2N1295	06
2N1297	G	P	ST, CN, KS, ET	AD163IV		2N1533	2N456A		2N1298	06
2N1297						2N3146				06
2N1298	G	N	KS			2N1302			2N1297	06
2N1299	G	N	CN, ET			2N1306				10
2N1300	G	P	SR, II	ASY27	ASZ20	2N2535	2N990			13
2N1300				AF124						13
2N1301	G	P	CN, FR, SQ, ES	ASY27	ASZ20	2N2635	2N990			13
2N1301				AF124						13
2N1302	G	N	PH, TX, NU, SR, ET	(AC127)	ASY28	2N1304			2N1303	10
2N1302				ASY73	ASY28					10
2N1303	G	P	GE, PH, TX, GI, NT	(AC152)	ASY26	2N1192	2N1305		2N1302	10
2N1303				ASY27						10
2N1304	G	N	PH, TX, ET, GI, NU	(AC127)	ASY28				2N1305	10
2N1304				ASY29						10
2N1305	G	P	PH, TX, ET, GE, NT	(AC152)	ASY26				2N1304	10
2N1305				ASY27						10
2N1306	G	N	PH, TX, ET, GI, NU	(AC127)	ASY29	2N1304			2N1307	10
2N1307	G	P	PH, TX, ET, GE, NT	(AC152)	ASY27	2N1305			2N1306	10
2N1307				ASY26						10
2N1308	G	N	PH, TX, ET, GI, NU	(AC127)	ASY29	2N1304			2N1309	10
2N1309	G	P	PH, TX, ET, NT, RC	(AC152)	ASY27	2N1305			2N1308	10
2N1309				ASY26						10
2N1310	G	N	CN, SR, ES							04
2N1311	G	N	CN, SR			MP2373-1				06
2N1313	G	P	ET, IC, SZ, GI							10
2N1314	G	P	AM, ST, ET, PE	AD149IV	AD149	2N3611				06
2N1314				AD150						06
2N1315	G	P	AM	ASZ17		2N3611				06
2N1320	G	P	KS	AC153	AC117			2SB248	2N1321	06
2N1320				AC128						06
2N1321	G	N	KS, SZ, GP						2N1320	06
2N1322	G	P	KS	AC153	AC117			2SB248A	2N1323	06
2N1322				AC128						06
2N1323	G	N	KS						2N1322	06
2N1324	G	P	KS	AC153	AC117			2SB249	2N1325	06
2N1324				AC128						06
2N1325	G	N	KS			2N1038			2N1324	06
2N1326	G	P	KS						2N1327	06
2N1327	G	N	KS						2N1326	06
2N1328	G	P	KS	AC153	AC117	2N1038		2SB248	2N1329	06
2N1328				AC128						06
2N1329	G	N	KS						2N1328	06
2N1331	G	P	KS	AC153	AC117	2N1038		2SB249		06
2N1331				OC74	AC128					06
2N1333	G	P	KS	ASZ15		2N1533				06
2N1335	S	N	SM, SQ	BSX47-8						03
2N1336	S	N	SM, SQ	BSX47-6						03
2N1337	S	N	SM, SQ	BSX47-6						03
2N1338	S	N	NU, SM, SQ	BSX46-8	BSX46	2N2219A				03
2N1338				BSY46	BFY13					03
2N1338				BSW54						03
2N1339	S	N	SM, SQ	BSX47-6						03
2N1340	S	N	SM, NU, SQ	BSX47-7	BFY45	2N2219A				03
2N1340				BF178	BSW66					03
2N1340				BSY45	BSW54					03
2N1341	S	N	SM, SQ	BSX47-6						03
2N1342	S	N	NU, SM, SQ	(BSX47-8)	BFY45	2N1341	2N2219A			03
2N1342				BF178	BSW66					03
2N1342				BSY45	BSW54					03
2N1343	G	P	IC, ET, UP, CN, FR			2N404				10
2N1344	G	P	IC, ET, UP, CN, FR			2N404				10
2N1345	G	P	IC, ET, UP, CN, FR			2N404				10
2N1346	G	P	IC, ET, UP, CN, FR			2N404				10
2N1347	G	P	IC, ET, UP, CN, FR			2N404				10
2N1348	G	P	CN, IC, ET			2N404				10
2N1349	G	P	CN, IC, ET			2N404				10
2N1350	G	P	CN, IC, ET			2N404				10
2N1351	G	P	CN, IC, ET			2N404				10
2N1352	G	P	IC, ET, UP, CN, GI			2N651				01
2N1353	G	P	IC, ET, UP, CN			2N404				10

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N1354	G	P	IC, ET, CN			2N404				10
2N1355	G	P	IC, ET, CN			2N404				10
2N1356	G	P	IC, ET, CN			2N404				10
2N1357	G	P	IC, ET, CN			2N404				10
2N1358	G	P	DD, ET, NU, MO, NP	AUY29	AD138/50	2N2929	2N1100	25B242		16
2N1358				ASZ16						16
2N1358A	G	P	DD, MO, NU, KS	ADZ12	AC128	2N1100				16
2N1358A				AC153	AD212					18
2N1359	G	P	MO, ET, PP, SD, CN	(AD131IV) OC74	AD149 OC318	2N1536		25B249		06
2N1359				ADZ16						06
2N1360	G	P	MO, ET, PP, SD, CN	(AD131IV)	ASZ16	T13027	2N1536			06
2N1362	G	P	MO, ET, PP, SD, CN	(AD163IV)	AUY34	2N456	2N3146			06
2N1362				ASZ15		2N1533				06
2N1363	G	P	MO, ET, PP, SD, CN	(AD163IV)	ASZ15	2N456A	2N1346			06
2N1363						2N1533				06
2N1364	G	P	MO, KS, SD, CN	(AD163IV)	ASZ15	2N456A	2N3146			06
2N1365	G	P	MO, KS, SD, CN	(AD163IV)	ASZ15	2N1533	2N3146			06
2N1365						2N456A				06
2N1365						2N1533				06
2N1366	G	N	CN, KS			2N1302				01
2N1367	G	N	CN, KS			2N1304				01
2N1370	G	P	TX, ET, GI, MO, St	ASY26	ACY17	2N1192	2N1377			01
2N1370						2N1188				01
2N1371	G	P	TX, ET, GI, MO, St	ACY17		2N1192	2N1377			01
2N1371										01
2N1372	G	P	TX, ET, GE, SR, SS	ACY17		2N1188	2N1377			01
2N1372						2N1191				01
2N1373	G	P	TX, ET, SR, GE, IC	AC153	AC117	2N1188	2N1377	25B225		01
2N1373				AC128	AC127	2N1191				01
2N1373						2N1188				01
2N1373				ACY17						01
2N1374	G	P	TX, ET, SR, GE, IC	ACY17		2N1192	2N1377			01
2N1374						2N1188				01
2N1375	G	P	TX, ET, SR, GE, IC	AC153	AC117	2N1192	2N1377	25B226		01
2N1375				AC128	ACY17	2N1188				01
2N1376	G	P	TX, ET, SR, GE, IC	ACY17		2N1192	2N1377			01
2N1376						2N1188				01
2N1377	G	P	TX, ET, SR, GE, IC	AC153	AC117	2N651	2N1188	25B227		01
2N1377				AC128	ACY17					01
2N1378	G	P	TX, ET, SR, GE, IC	ACY17		2N1193	2N1377			01
2N1378										01
2N1378						2N1188				01
2N1379	G	P	TX, ET, SR, GE, IC	ASY26	ACY17	2N1193	2N1377			01
2N1379						2N1188				01
2N1380	G	P	TX, ET, GE, IC, SR	ASY26	ACY17	2N1192	2N1377			01
2N1380						2N1188				01
2N1381	G	P	TX, ET, GE, IC, SR	ACY17		2N1192	2N1377			01
2N1381						2N1188				01
2N1382	G	P	TX, ET, ES, FR, IC			2N1192	2N1374			01
2N1383	G	P	TX, ET, FR, MO, SZ			2N1192	2N1377			01
2N1384	G	P	IC			2N2635				13
2N1385	G	P	TX	AF139	AF186					16
2N1385				ASZ21						16
2N1386	S	N	CN, SM, ET			2N2218				10
2N1387	S	N	CN, SM, ET			2N2218				10
2N1388	S	N	CN, ET, SM			2N2218				02
2N1389	S	N	CN, SM, ET, SR			2N2218				02
2N1390	S	N	CN, SM, ET			2N2218				02
2N1392	G	P		AC151	AC125	2N1394		25B111		04
2N1392				OC70	AC122					04
2N1392				AC162						04
2N1394	G	P		AC151	AC125	2N1392		25B111		04
2N1394				OC70	AC122					04
2N1394				AC162						04
2N1395	G	P	AM, PE, RC, CN	AF124		2N2955	2N2188			02
2N1395						2N990				02
2N1396	G	P	RC, CN, PE, AM	AF118	ASZ20	2N3323	2N2191			02
2N1396				AF124		2N990				02
2N1397	G	P	RC, PE, CN	AF118	ASZ20	2N3323	2N2191			02
2N1397				AF124		2N990				02
2N1398	G	P	TX			2N2996				02
2N1399	G	P	TX	AF106	AFZ12	2N2996				02
2N1400	G	P	TX	AF124	AF134	2N2996				02
2N1400				AF131						02
2N1401	G	P	TX	AF124	AF134	2N2996				02
2N1402	G	P	TX	AF124	AF134	2N2996				02

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N1403	G	P	TX			2N2996				02
2N1404	G	P	TX, ET, GI, SR, UP	AF124	AF134	2N1303	2N1307			10
2N1404A	G	P	TX	ACY27		2N1305				10
2N1405	G	P	TX			2N1303				10
						2N2996				02
2N1406	G	P	TX	AF178		2N2495	2N2996			02
2N1407	G	P	TX	AF178		2N2495	2N2996			02
2N1408	G	P	ET, MO, GI, SR, CN	(ASY48IV)	ACY17	2N2000	2N1188			10
2N1409	S	N	ET, CN, SM, SQ, ET	BSZ45-6						13
2N1409A	S	N	ET, CN, SM, SQ	BCW77-16						13
2N1410	S	N	ET, CN, SM, SQ	BSX45-16						13
2N1410A	S	N	ET, SQ, SM	BCW77-16	BSX46					13
2N1411	G	P	CN, ID, SP, FR, SM	AF124	AF134	2N962	2N2188			10
2N1412	G	P	DD, KS, NP, SD, MO			2N1100				16
2N1413	G	P	MO, GE, ET, SQ, CN	AC152IV						10
2N1414	G	P	MO, GE, ET, IC, SR	(AC152IV)						10
2N1415	G	P	MO, GE, ET, SQ, UP	(AC152V)						10
2N1416	G	P	MO, CN, ET	(AC152V)	AC153	2N1193				01
2N1416	G	P		AC117	AC128					01
2N1419	G	P	IN			2N1164				16
2N1420	S	N	IT, SG, PH, SE, F	BSX45-6	BFY56	2N1711	2N3643			02
2N1420	S	N		BFY67	BSX46-6	2N2222	2N2243A			02
2N1420	S	N		BSY10						02
2N1420A	S	N	F, TI, SM, SQ, SG	BSX45-6	BSX46-10	2N3643	2N2219			02
2N1420A	S	N				2N2243A				02
2N1425	G	P	RC	AF185	AF124	2N2188				01
2N1425	G	P		AF134	AF126					01
2N1425	G	P		AF137						01
2N1426	G	P	RC	AF185	AF124	2N2188				01
2N1426	G	P		AF134	AF126					01
2N1426	G	P	ID, SP, SQ, SM	AF136	AF134	2N962	2N2635			13
2N1427	S	P	PH	AF124		2N1132	2N2905			10
2N1428	S	P	SP, CR, SQ, ID	(BC178A)	BC202R	2N1132	2N2905			10
2N1429	S	P		BC238	BC239					10
2N1429	S	P		BC173						10
2N1431	G	N	ET, NP	AC127		2N2430	2N1302			01
2N1432	G	P	SY			2N2189				01
2N1433	G	P	CB	AC153	AC117			2S8252		06
2N1433	G	P		AC128						06
2N1434	G	P	CB	AD148	AD139	2N1435		2S8259		06
2N1434	G	P		OC30	OD603					06
2N1435	G	P	CB	AD148	AD139	2N1434		2S8259		06
2N1435	G	P		OC30	OD603					06
2N1437	G	P	KS, SZ	AC153	AC117	2N456A	2N3146	2S8249		06
2N1437	G	P		AC128	OC74					06
2N1438	G	P	KS, SZ	AC153	AC117	2N456A	2N3146	2S8252A		06
2N1438	G	P		AC128						06
2N1439	S	P	CN, RY, CR, SD, SQ			2N2945	2N2946			01
2N1440	S	P	CN, ET, SD, SQ, CR			2N2945	2N2946			01
2N1441	S	P	CN, ET, SM, SQ, CR			2N2945	2N2946			01
2N1442	S	P	CN, ET, SM, CR, RY			2N2945	2N2946			01
2N1443	S	P	CN, RY, CR, SM, SD			2N2945	2N2946			01
2N1444	S	N	WE			2N3252				13
2N1445	S	N	CN, SQ, TR			2N5682				06
2N1446	G	P	IC, ET, CN			2N1191	2N1373			01
2N1446	G	P				2N1377				01
2N1447	G	P	IC, ET, CN			2N1191	2N1373			01
2N1447	G	P				2N1377				01
2N1448	G	P	IC, ET, CN			2N1192	2N1373			01
2N1448	G	P				2N1377				01
2N1449	G	P	IC, ET, CN			2N1189	2N1376			01
2N1449	G	P				2N1377				01
2N1450	G	P	CN, ET			2N2955	2N1143			10
2N1451	G	P	IC, ET, CN			2N464	2N1375			01
2N1451	G	P				2N1377				01
2N1452	G	P	IC, ET, CN			2N1191	2N1375			01
2N1452	G	P				2N1377				01
2N1465	G	P	CN, KS			2N456A	2N3146			06
2N1466	G	P	CN, KS			2N456A	2N3146			06
2N1469	S	P	SD, CR, RY, ET, SM			2N2944	2N2945			01
2N1470	S	N	CN, SF			2N5068				06
2N1471	G	P	IC, ET, CN			2N1309				10
2N1472	G	N	CN, ET			2N2537	2N3015			13
2N1473	G	N	CN, ET			2N2000				10

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N1474	S	P	SD, ET, SM, CR	BSY16	BCY11	2N2944	2N2945			01
2N1474A	S	P	SD, CR, SM, CN, ET	SD, CR, SM, CN, ET	BCY11	2N2944	2N2945			01
2N1475	S	P	SD, CR, SM, CN, ET			2N2944	2N2945			01
2N1476	S	P	SD, CR, SM, CN			2N2944	2N2945			01
2N1477	S	P	SD, CR, SM, CN			2N2944	2N2945			01
2N1478	S	P	CN, GI, IC, ET			2N3427	2N1307			10
2N1479	S	N	RC, SZ, LU, SQ, TR	BSX45-6	8FX34	2N2987	2N4237			16
2N1480	S	N	RC, SZ, ET, LU, SQ	BSX46-6	8FX34	2N2988	2N4238			16
2N1481	S	N	RC, SZ, ES, ID, LU	(BSX45-6)	8FX34	2N2989	2N4239			16
2N1481	S	N	RC, SZ, ES, ID, LU			2N4237				16
2N1482	S	N	RC, SZ, ET, IC, PI	BSX46-6	8FX34	2N2990	2N4238			16
2N1483	S	N	RC, SZ, ES, PI, UP	BSX62-6		2N3766	2N4231			16
2N1484	S	N	RC, SZ, ID, SF, SU	(BSX63-6)		2N3766	2N4232			16
2N1485	S	N	RC, SZ, ES, PI, UP	BSX62-10		2N3766	2N4231			16
2N1486	S	N	RC, SZ, ES, PI, UP	(BSX63-10)		2N3766	2N4232			16
2N1487	S	N	RC, SZ, ET, SD, SM	BDY38	BD130	2N3713	2N3055			16
2N1487	S	N	RC, SZ, ET, SD, SM	AM291		2N4913				16
2N1488	S	N	RC, ET, SD, SZ, PP	BDY20	BD130	2N3714	2N3055			16
2N1488	S	N	RC, ET, SD, SZ, PP	AM291		2N4914				16
2N1489	S	N	RC, ET, SD, SZ, PP	BDY38	BD130	2N3713	2N3055			16
2N1489	S	N	RC, ET, SD, SZ, PP	AM291		2N4913				16
2N1490	S	N	RC, ET, SZ, SD, PI	BDY20	BD130	2N3714	2N3055			16
2N1490	S	N	RC, ET, SZ, SD, PI	AM291		2N4914				16
2N1491	S	N	RC, SM, SQ, CN	(BCY65EVIII)						02
2N1492	S	N	RC, SQ, SM	(BCY58VII)						02
2N1493	S	N	RC, SQ, TD, SM	(BCY65EVIII)						02
2N1494	G	P	MO	(ASY26)						13
2N1494A	G	P	MO	(ASY26)						13
2N1495	G	P	MO	(ASY26)						13
2N1496	G	P	MO	ASY26						13
2N1499	G	P	CN, FR, SM, ET, MO			2N960	2N964			13
2N1499A	G	P	ET, SP, MO, ID, SM	AF106	AF190	2N960	2N964			13
2N1499B	G	P	SP, ET, MO, FR, CN							13
2N1500	G	P	ET, ID, SP, FR, MO			2N962	2N964			13
2N1501	G	P	SD, KS	AC153	AC117	2N2144		2SB248B		13
2N1501	G	P	SD, KS	AC128	ASZ16					13
2N1502	G	P	SD, KS	AC153	AC117	2N2143	T13027	2SB248		13
2N1502	G	P	SD, KS	AC128						13
2N1504	G	P	SZ			2N456A	2N3146			06
2N1505	S	N	NU, TW, SM, SQ	BSX45-6	BSX46-6	2N2218	2N2217			03
2N1505	S	N	NU, TW, SD, SQ, CN	BFY12		2N2219				03
2N1506	S	N	NU, TW, SD, SQ, CN	BSX45-6	BSX46-6	2N2218	2N2217			03
2N1506	S	N	NU, TW, SD, SQ, CN	BFY12		2N2219				03
2N1506A	S	N	NU, TW, ID, SD, SQ	BSX46-6						03
2N1507	S	N	TI, TX, RY, ET, CA	BSX45-16	BSX45-10	2N1711	2N2219			10
2N1507	S	N	SZ, SQ			2N2243A				10
2N1511	S	N	SZ, SQ			2N3713	2N4913			16
2N1512	S	N	SZ, SQ			2N4914				16
2N1513	S	N	SZ, SQ			2N4913				16
2N1514	S	N	SZ, SQ			2N4914				16
2N1515	G	P	AM	AF185	AF126					
2N1515	G	P	AM	AF137	AF127					
2N1516	G	P	AM	AF185	AF125					02
2N1516	G	P	AM	AF135	AF126					02
2N1517	G	P	AM	AF178	AF124	2N2495				
2N1517	G	P	AM	AF134	AF185					
2N1518	G	P	DD, ET, NP, CN			2N2153	MP943			16
2N1519	G	P	DD, NP, CN			2N2154	MP943A			16
2N1520	G	P	DD, ET, NP, CN			2N2153	MP944			16
2N1521	G	P	DD, NP, CN			2N2154	MP944A			16
2N1522	G	P	DD, ET, NP, CN			2N2153				16
2N1523	G	P	DD, NP			2N2154				16
2N1524	G	P	SR, RC	AF185		2N3325				02
2N1525	G	P	SR, RC	AF185	AF200	2N3325	T1S37			02
2N1525	G	P	SR, RC	AF181	AF127					02
2N1526	G	P	RC, SR	AF185		2N3325	T1S37			02
2N1527	G	P	RC, SR	AF185		2N3325	T1S37			02
2N1528	S	N	RC, SR	BSY34	BSW51	2N2218				02
2N1529	G	P	MO, ET, TX, CN, KS	AUY19III						06
2N1529A	G	P	MO, ET, SD, CN, KS	AUY19II						06
2N1530	G	P	MO, ET, TX, UP, CN	AUY19III						06
2N1530A	G	P	MO, KS, SD, ET, PP	AUY19III						06
2N1531	G	P	MO, ET, TX, UP, CN	AUY20III						06
2N1531A	G	P	MO, ET, PP, SD, CN	AUY20III						06
2N1532	G	P	MO, ET, PP, TX, UP	AUY34III						06

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE		
2N1532A	G	G	P	MO, KS, SD, ET, PP	(AUY341II)	AUY231II		06		
2N1533	G	G	P	MO, ET, TX, UP, CN	AUY341II			06		
2N1534	G	G	P	MO, DD, KS, ET, SD	AUY19IV			08		
2N1534A	G	G	P	MO, ET, PP, SD, CN	AUY19IV			06		
2N1535	G	G	P	MO, DD, ET, TX, KS	AUY19IV	AD133		08		
2N1535	G	G	P	MO, DD, ET, TX, KS	ADZ11			06		
2N1535A	G	G	P	MO, KS, SD, ET, PP	AUY19IV			06		
2N1536	G	G	P	MO, DD, ET, TX, KS	AUY20IV	ASZ18		06		
2N1536A	G	G	P	MO, ET, PP, SD, CN	AUY20IV			06		
2N1537	G	G	P	MO, ET, TX, UP, CN	AUY34IV			06		
2N1537A	G	G	P	MO, ET, PP, SD, CN	AUY34IV			06		
2N1538	G	G	P	MO, ET, SD, TX, CN	AUY34IV			06		
2N1539	G	G	P	MO, DD, ET, TX, SD	AUY19V			06		
2N1539A	G	G	P	MO, KS, SD, ET, PP	AUY19V			06		
2N1540	G	G	P	MO, DD, TX, ET, CN	AUY19V	ASZ16		06		
2N1540A	G	G	P	MO, ET, PP, SD, CN	AUY19V			06		
2N1541	G	G	P	MO, ET, TX, KS, SD	AUY20V			06		
2N1541A	G	G	P	MO, KS, SD, ET, PP	AUY20V			06		
2N1542	G	G	P	MO, DD, TX, UP, CN	AUY34V			06		
2N1542A	G	G	P	MO, KS, SD, CN, PP	AUY34V			06		
2N1543	G	G	P	MO, KS, TX, UP, CN	AUY34V			06		
2N1544	G	G	P	MO, DD, TX, ET, KS	AUY19V	ASZ16		06		
2N1544A	G	G	P	MO, ET, PP, SD, CN	AUY19V			06		
2N1545	G	G	P	MO, ET, TX, KS, UP	AUY19V	ASZ18		06		
2N1545A	G	G	P	MO, KS, SD, ET, PP	AUY19V			06		
2N1546	G	G	P	MO, DD, KS, ET, TX	AUY20V	ASZ15		06		
2N1546A	G	G	P	MO, ET, PP, SD, CN	AUY20V			06		
2N1547	G	G	P	MO, KS, SD, TX, CN	AUY34V			06		
2N1547A	G	G	P	MO, KS, SD, CN, PP	AUY34V			06		
2N1548	G	G	P	MO, KS, TX, UP, CN	AUY34V			06		
2N1549	G	G	P	MO, ET, PP, UP, CN	AUY29IV	T13027		06		
2N1549A	G	G	P	MO, ET, PP, SD, CN	AUY29III			06		
2N1550	G	G	P	MO, ET, PP, UP, CN	AUY29III	T13028		06		
2N1550A	G	G	P	MO, ET, PP, SD, CN	AUY29III			06		
2N1551	G	G	P	MO, ET, PP, UP, CN	ADZ12			06		
2N1552	G	G	P	MO, ET, PP, UP, CN		2N1021A		06		
2N1552A	G	G	P	MO, ET, PP, SD, CN		2N1021A		06		
2N1553	G	G	P	MO, ET, PP, UP, CN	AUY29IV	T13027		06		
2N1553A	G	G	P	MO, ET, PP, SD, CN	AUY29IV	T13027		06		
2N1554	G	G	P	MO, ET, PP, UP, CN	AUY29IV	T13028		06		
2N1554A	G	G	P	MO, ET, PP, SD, CN	AUY29IV			06		
2N1555	G	G	P	MO, ET, PP, UP, CN	ADY26	ADZ12		06		
2N1556	G	G	P	MO, ET, PP, UP, CN		2N1021A	2N1100	06		
2N1556A	G	G	P	MO, ET, SD, CN, KS		2N1021A		06		
2N1557	G	G	P	MO, ET, SD, CN, KS	AUY29V	2N456A	2N514	06		
2N1557A	G	G	P	CN, KS, SD, MO, ET	AUY29V	2N456A	2N514	06		
2N1558	G	G	P	MO, ET, SD, CN, KS	AUY29V	2N514A		06		
2N1558A	G	G	P	MO, KS, SD, ET	AUY29V	2N514A		06		
2N1559	G	G	P	MO, ET, SD, CN, KS		2N514B		06		
2N1564	S	N	N	NU, PH, TX, ET, SQ	(BSX46-6)	BSX46	2N2218	2SC154	01	
2N1564	S	N	N	TX, PH, SE, NU, ET	BFY80	BSX46	40360	2N2218	2SC154	01
2N1565	S	N	N	TX, PH, SE, NU, ET	(BSX46-6)	BSW51				01
2N1565A	S	N	N	TX	BFY80		40360			01
2N1566	S	N	N	NU, PH, TX, ET, BT	(BSX46-16)	BSX46	2N2219	2N2218	2SC154	01
2N1566	S	N	N	ET, TX, CN, ML, TD	BFY80	BSW52				01
2N1566A	S	N	N	ET, TX, CN, ML, TD	(BSX46-10)	BC141-10	2N2219			01
2N1572	S	N	N	CN, NU, SQ, TX, ET	BF177	BSX47-6		2SC857		01
2N1572	S	N	N	TX, PH, NU, ET, SM	BFY14B			2SC857		01
2N1573	S	N	N	TX, PH, NU, ET, SM	BF178	BSX47-6	40409			01
2N1573	S	N	N	TX, PH, ET, SM, CN	BFY14B	BFY14C				01
2N1574	S	N	N	TX, PH, ET, SM, CN	(BSX47-10)	BFY14C	40409	2N1893	2SC857	01
2N1574	S	N	N	TX, PH, ET, SM, CN	BFY14D					01
2N1605	G	N	N	CN, TX, ET, RC, GI			2N1304			10
2N1605A	G	N	N	CN, ET, RC, ES, GI			2N1305	2N1605		10
2N1609	G	P	DD				2N2140			06
2N1610	G	P	DD				2N2145			06
2N1611	G	P	DD				2N2138			06
2N1612	G	P	DD				2N2143			06
2N1613	S	N	N	RY, F, MO, NU, RA	BSX46-6	BFX69	2N3567			10
2N1613	S	N	N	CA, SM, St, TD, RY	BFX69A	BFY67				10
2N1613	S	N	N	CA, SM, St, TD, RY	BFY34	BSX45-6				10
2N1613	S	N	N	CA, SM, St, TD, RY	BFY33					10
2N1613A	S	N	N	CA, SM, St, TD, RY	BFX69A		2N2218	2N1613		10
2N1613B	S	N	N	CA, SM, St, TD, RY	BSX47-6					10

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N1613S	S	N	MD			2N1613				
2N1614	G	P	GE, CN, UP, SR	(ASY48IV)	ASY48	2N1924	2N2000			10
2N1614	S	N	ET, TR, UP, CN, SM	ACY24						10
2N1615	S	N	TR, SZ, ET, SD, EM	(BSX47-6)						02
2N1616	S	N		AM291	BDY11	2N3487	2N3055			03
2N1616	S	N	SZ, TR, ET, SM, SD			2N1210	2N1724			03
2N1616A	S	N	TR, SZ, ET, SD, SM	BDY91	BCY28	2N3487				06
2N1617	S	N		8FC38	BDY17	2N3487	2N1211			03
2N1617A	S	N	SZ, TR, ET, SM, SD			2N1724				03
2N1618	S	N	TR, SZ, ET, SD, ML	BDY90	BFY34	2N3488	2N1724			06
2N1618	S	N		BDY11		2N3488				03
2N1618A	S	N	SZ, TR, ET, SM, SD			2N3488				03
2N1620	S	N	TR, ET, SD, SZ, SQ			2N3446	2N1724			06
2N1624	G	N	CN, GI, ET			2N1308				10
2N1631	G	P	St, RC	AF185		2N3325	2N2635			02
2N1632	G	P	St, RC	AF185		2N3325	2N2635			02
2N1633	G	P	St, RC	AF185	AF106	2N2635		2SA230		02
2N1633	G	P	St, RC	AF136						02
2N1634	G	P	St, RC	AF185	AF106	2N2635		2SA230		02
2N1634	G	P	St, RC	AF135						02
2N1635	G	P	St, RC	AF185	AF106	2N2635		2SA230		02
2N1635	G	P	St, RC	AF135						02
2N1636	G	P	St, RC	AF185	AF106	2N2635		2SA230		02
2N1636	G	P	St, RC	AF135						02
2N1637	G	P	St	AF185	AF124	2N3325	2N2635	2SA235		02
2N1637	G	P	St	AF135						02
2N1638	G	P	St	AF185	AF124	2N3325	2N2635	2SA235		02
2N1638	G	P	St	AF136	AF134					02
2N1639	G	P	St	AF185	AF124	2N3325	2N2635	2SA235		02
2N1639	S	P	CR, SM, SQ, RY	AF135	AF134					02
2N1640	S	P	CR, SM, SQ, RY			2N2945	2N2946			12
2N1641	S	P	CR, SM, SQ, RY			2N2945	2N2946			12
2N1642	S	P	CR, SM, SQ, RY			2N2945	2N2946			12
2N1643	S	P	CR, SD, SQ, RY			2N2945	2N2944			01
2N1644	S	N	SM, TI, SQ			2N2218	2N1893			10
2N1644	G	P	SY	(AF201U)	AF201	2N2243A		2SA230		10
2N1646	G	P	SY	AF202	AF106					13
2N1647	S	N	TR, SZ, SQ, UN, CN			2N2150				13
2N1648	S	N	TR, SZ, SQ, UN, CN							03
2N1649	S	N	TR, SZ, SQ, UN, CN			2N2151				03
2N1650	S	N	TR, SZ, SQ, UN, CN			2N2150				03
2N1651	G	P	SD, ET, MO, SQ, CN			2N2151				06
2N1652	G	P	SD, KS, SQ, MO, CN			2N2832				06
2N1653	G	P	SD, KS, SQ, MO, CN			2N2833				06
2N1654	S	P	CN, ET, SQ, CR, SD			2N2834				06
2N1655	S	P	CN, ET, SQ, CR, SD			2N2944	2N2945			06
2N1656	S	P	CN, ET, SQ, CR, SD			2N2944	2N2945			06
2N1657	S	N	TX			2N5320				06
2N1660	S	N	TX			2N1722				06
2N1661	S	N	TX			2N1722				06
2N1662	S	N	TX			2N1722				06
2N1663	S	N	PH, TX			2N2369A	2N3011			13
2N1666	G	P	PE, PH, GP	AUY22II	AUY22III	2N3616	TI3027	2SB341		16
2N1666	G	P	PE, AM	ASZ15						16
2N1667	G	P	PH, PE	AUY21III	AUY21IV	2N3618	TI3027	2SB341		16
2N1667	G	P	PH, PE	AUY23III	AUY28					16
2N1668	G	P	PH, PE	ASZ16						16
2N1668	G	P	PH, PE	AUY21III	AUYIV	2N3616	TI3027	2SB341		16
2N1669	G	P	PH, PE	AD138	ASZ16					16
2N1669	G	P	PH, PE	ASZ17						16
2N1669	G	P	PH, PE	AUY22IV	AUY22III	2N3616	TI3027	2SB341		16
2N1670	G	P	SM, SQ	ASZ18	ASZ16					16
2N1671	U	N	GE, SM, TX, UP, CN			2N398				10
2N1671A	U	N	GE, TX, ES, SB, UP	BC160		2N1671	2N1132			
2N1672	G	N	GI, ET, UP, CN			2N1302				04
2N1673	G	P	SY	AF200	AF181	2N404				02
2N1676	S	P	ID, SP, SQ, SM			2N2944	2N2945			12
2N1677	S	P	ID, SP, SQ, SM			2N2944	2N2945			12
2N1678	G	P	SM, SQ			2N2191				10
2N1679	S	N	TX			2N5335				10
2N1680	S	N	TX			2N5334				10
2N1682	S	N	SM, SQ			EN914	2N2217			10

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	US
2N1682										10
2N1683	G	P	RC, UP			2N2219				13
2N1690	S	N	TX, SU, SQ, ET, SZ			2N2635				06
2N1694	S	N	ET			2N4912				10
2N1700	S	N	RC, ET, SZ, F, SM	BFY50		2N1302				10
						2N2218				
2N1701	S	N	RC, SZ, FE, SF, SU			2N2218				10
2N1702	S	N	RC, ET, SZ, FE, SM			2N2218	2N4913			10
2N1703	S	N	CN, SM, SQ, FE, SZ			2N2218				10
2N1704	S	N	CN, ET			2N2218	2N1893			10
2N1704						2N2243A				10
2N1705	G	P	MO, ET, CN, GI, SR	{AC152VI}						01
2N1706	G	P	MO, ET, CN, GI, St	{AC152VI}						01
2N1707	G	P	MO, ET, CN, GI, St	{AC152VI}						01
2N1708	S	N	F, MO, FE, CN, SM	BSY62	BSX87	EN914	2N473			13
2N1708A	S	N	CN, SQ	BSX87		2N743				13
2N1708B	S	N				2N743				
2N1711	S	N	F, MO, TX, V, AT	BSX45-16	BFX68	EN1711	2N2219A			10
2N1711				BFX68A	BFY68	2N2219				10
2N1711				BFY46	BSX45-10					10
2N1711A	S	N	RY, TX, CN, FR, SM	BSX46-16	BFX68A	2N1711	2N3643			02
2N1711A										02
2N1711B	S	N	RY, CA, SO, St, FR	{BSX47-6}		2N2219A				02
2N1711S	S	N	TX			2N2219A				02
2N1714	S	N	TX, UN, ET, SM, SQ	BSX46-6		2N1711				06
2N1715	S	N	TX, UN, ET, SM, TR	BSX46-6		2N1480	2N4237			06
						2N5681				06
2N1716	S	N	TX, ET, SM, UN, TR	{BSX47-6}		2N1482	2N4237			06
2N1717	S	N	TX, UN, ET, SM, TR	{BSX47-6}		2N5681				06
2N1718	S	N	TX, UN, FR, SD, TR			2N3766				06
2N1719	S	N	TX, UN, FR, SQ, CN			2N3766	2N3767			06
2N1720	S	N	TX, UN, FR, SD, TR			2N3766				06
2N1721	S	N	TX, UN, FR, SQ, CN			2N3767				06
2N1722	S	N	TX, ET, SZ, SD, TR			2N3446				06
2N1723	S	N	TX, SZ, SD, TR, SQ			2N3448				06
2N1724	S	N	TX, ET, MO, SD, F	BLY17		2N4347				06
2N1724A	S	N	TX, SZ, TR, St, ML	BLY17		2N4347				06
2N1725	S	N	TX, SD, UN, MO, SZ	AM291	BDX10	2N3055				06
2N1726	G	P	ET, SM, SP, FR			2N3323				02
2N1727	G	P	ET, SM, SP, FR	AF124	AF134	2N3324	2N2996	2SA235		02
2N1728	G	P	ET, ID, SP, FR, SM			2N3324	2N2996			02
2N1729	G	P	ET, UP			2N1303			2N1730	10
2N1730	G	N	ET			2N1302			2N1729	10
2N1731	G	P	ET			2N1303			2N1732	01
2N1732	G	N	ET			2N1302			2N1731	01
2N1742	G	P	ET, SP, MO, ID, SM	AF127	AF137	2N3288	2N2996			02
2N1742				AF124						02
2N1743	G	P	ET, ID, SP, FR			2N3284	2N2996			02
2N1744	G	P	ET, ID, SP, FR			2N3284	2N2996			02
2N1745	G	P	ET, ID, SP, FR, SM	AF126	AF137	2N3285	2N2996			02
2N1745				AF138						02
2N1746	G	P	ET, ID, SP, FR, SM			2N3323	2N2996			02
2N1747	G	P	ET, ID, SP, FR, SM			2N3324	2N2996			02
2N1748	G	P	ET, ID, SP, FR, SM			2N3324	2N2996			02
2N1748A	G	P	ET, ID, SP, FR, SM			2N3323	2N2996			02
2N1749	G	P	ET, ID, SP, FR, SM			2N3323	2N2996			02
2N1750	G	P	PH			2N2996				01
2N1751	G	P	SD, MO, TR, KS			2N2832	2N2996			06
2N1752	G	P	ET, ID, SP, FR			2N3325	2N2996			01
2N1754	G	P	ET, ID, SP, MO, FR			2N964	2N2996			13
2N1755	G	P	ST, ET, KS	AUY19IV		2N2137	2N1308			16
2N1756	G	P	ST, ET, KS	{AUY19IV}		2N2138	2N1038			16
2N1756										16
2N1757	G	P	ST, ET, KS	{AUY20IV}		2N2554				16
2N1757						2N2139	2N1038			16
2N1758	G	P	ST, KS	{AUY34IV}		2N2552	2N2554			16
2N1758						2N2140	2N1038			16
2N1758						2N2555				16
2N1759	G	P	ST, ET, KS	{AUY19V}		2N2142	2N1038			16
2N1759						2N2564				16
2N1760	G	P	ST, ET, KS, ID	{AUY19V}	AUY21III	2N2143		2SA341		16
2N1760				AD138	ASZ16					16
2N1761	G	P	ST, ET, KS	{AUY20V}	AUY21III	2N2144		2SA341		16
2N1761				AUY28	ASZ18					16
2N1761				{AUY34IV}						16
2N1762	G	P	ST, KS			2N2145	2N2567			16
2N1763	S	N	RY			2N3014				10
2N1764	S	N	RY			2N2369A	2N3011			10
2N1768	S	N	CN, SZ, SF, SM, SQ			2N3713	2N1058			10

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N1768						2N3445	2N4231			10
2N1769	S	N	SF, SZ, CN, SM, SQ			2N3713	2N1060			10
2N1769	G	P	CN, SP, ET, ID, SQ			2N3445	2N4232			10
2N1785	G	P	ET, SP, CN, FR, SM			2N3324	2N2996			02
2N1786	G	P				2N3323	2N1996			02
2N1787	G	P	ET, SP, CN, FR, SM			2N3324	2N2996			02
2N1788	G	P	ET, SP, CN, FR, SM			2N3324	2N2996			02
2N1789	G	P	ET, SP, CN, FR, SM			2N3325	2N2996			02
2N1790	G	P	ET, SP, CN, FR, SM			2N3323	2N2996			02
2N1808	G	N	TX, GI, ET			2N1302				10
2N1837	S	N	CN, SM, TI, ET, SQ	BF194	BF115	2N2218		2SC260		13
2N1837A	S	N	ET, SQ, TI, SM			2N2218				13
2N1837B	S	N	GE							13
2N1838	S	N	ET, YI, CN, SM, SQ	BF194	BF115	2N2218		2SC260		13
2N1839	S	N	CN, SM, TI, ET, SQ	BF194	BF115	2N2218		2SC260		13
2N1840	S	N	CN, SM, TI, ET, SQ	BF194	BF115	2N2218		2SC260		13
2N1841	S	N	NS			2N5320				03
2N1853	G	P	FR, UP, SQ			2N2635				13
2N1854	G	P	FR, UP, SQ			2N2635				13
2N1864	G	P	ET, SP, CN, FR, SM			2N3324	2N2997			02
2N1865	G	P	CN, FR, SM, SP, ET			2N3325	2N2997			02
2N1866	G	P	ET, SP, CN, FR, SM			2N3323	2N2997			02
2N1867	G	P	ET, SP, CN, FR, SM			2N3324	2N2997			02
2N1868	G	P	ET, SP, CN, FR, SM			2N3325	2N2997			02
2N1868	S	N	TR, SZ, SM, SU, UN	BLY17		2N4914	2N4911			03
2N1889	S	N	TX, SG, SE, F, ET	BSW65	BSX46-6	2N3498	2N699			02
2N1889	S	N		BSX46-10	BC141-10					02
2N1889	S	N		BSY87	BF109					02
2N1890	S	N	F, ET, RY, TX, TI	BSW66	BSX46-16	2N3499				02
2N1890	S	N		BSX46	BSY88					02
2N1890	S	N		BF109						02
2N1891	G	N	TX, St			2N1304	2N1306			13
2N1892	G	P	TX, ET, SQ, CN			2N1303				10
2N1893	S	N	MO, TX, V, F, RC	BFW33	BSX47-10	2N3498		2SC708		02
2N1893	S	N		BSY45	BF109					02
2N1893	S	N		BFY14	BSX47-6					02
2N1893A	S	N	CA, SM, SQ, RY, SZ			2N3498				03
2N1893S	S	N	MO			2N1893				06
2N1895	S	N	RY			2N4239				06
2N1896	S	N	RY			2N5336				06
2N1897	S	N	RY			2N5336				06
2N1898	S	N	RY			2N5338				06
2N1899	S	N	TW, PH, SQ, SM, LI			2N4002				14
2N1901	S	N	TW, SQ, SM			2N4002				14
2N1905	G	P	RC, SG, SQ, ID	(AD163IV)		2N2832	2N1046			06
2N1906	G	P	RC, SQ, AT	(AD163IV)	AL100	2N2832	2N1907			06
2N1907	G	P	TX, UP, SQ			2N2832	MP1907			03
2N1907A	G	P	TX			2N1907				03
2N1908	G	P	TX, SQ, UP, ID			2N2833	MP1910			03
2N1908A	G	P	TX			2N1907	2N1908			03
2N1917	S	P	SD, CR, SM, UP, CN	BC160	BCY12	2N1132				12
2N1918	S	P	SD, CR, SM, UP, CN	BC160	BCY12	2N1132	2N2944			12
2N1918	S	P				2N2945				12
2N1919	S	P	SD, CR, RY, SQ, SM	BCY29	BCZ12	2N2944	2N2945			12
2N1919	S	P		BCZ12						12
2N1920	S	P	SD, CR, SM, UP, CN	BCY29	BCZ12	2N2944	2N2945			12
2N1921	S	P	SD, CR, SM, UP, CN	BCZ12		2N2944	2N2945			12
2N1922	S	P	SD, CR, SQ, UP, CN	BCZ12		2N2944	2N2945			12
2N1924	G	P	GE, MO, ET, NU, Ss	ASY77	ASY48IV	2N1305	2N1307			01
2N1924	G	P		AC131-30						01
2N1925	G	P	GE, NU, ET, MO, Ss	ASY77	ASY48IV	2N1307				01
2N1925	G	P		ASY48V	AC131-30					01
2N1926	G	P	GE, MO, TX, PH, Ss	(ASY48VI)	ASY77					01
2N1936	S	N	ET, SZ, Ss, ML, TR			2N3846				06
2N1937	S	N	Ss, ML, SZ, TR, TX			2N3846				06
2N1940	G	P				TI3027				03
2N1943	S	N	SM, SQ			2N1893	2N2243A			01
2N1944	S	N	IC, SZ, St, SM, SQ			2N1893	2N2243A			10
2N1945	S	N	IC, SZ, St, SM, SQ			2N1893	2N2243A			10
2N1946	S	N	IC, SZ, St, SM, SQ			2N1893	2N2243A			10
2N1954	G	P	CN, GI, ET			2N651	2N2000			10
2N1955	G	P	CN, ET			2N1190	2N2000			10
2N1956	G	P	CN, ET			2N651	2N2000			10
2N1957	G	P	CN, ET			2N1187	2N2000			10
2N1958	S	N	CN, ET, SZ, St, TR			2N2537				13

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N1958A	S	N	CN, SQ, TR, ET, St			2N2537				13
2N1959	S	N	MO, ET, SQ, CN, HS	BSY34		2N2537				13
2N1959A	S	N	CN, ET, SQ, SM, St			2N2537				13
2N1960	G	P	SY			2N964				13
2N1961	G	P	SY			2N964				13
2N1962	S	N	SY			2N834	2N2369A			13
2N1962	S	N	SY			2N3011				13
2N1963	S	N	SY			2N834	2N2369A			13
2N1963	S	N	SY			2N3011				13
2N1964	S	N	SY			2N2539	2N2537			13
2N1964	S	N	SY			2N3015				13
2N1965	S	N	SY			2N2539	2N2537			13
2N1965	S	N	SY			2N3015				13
2N1968	G	P	TG			2N2997				04
2N1969	G	P	CN, ET, UP			2N2996				10
2N1970	G	P	DD, MO, ET, SD, CN			2N1100				06
2N1971	G	P	CN, SQ, SD			2N2140				06
2N1972	S	N	TI, CN, ET, IC, SR	BFX68		2N3643	2N2219			02
2N1973	S	N	F, TX, ET, RY, TI	BSX46-16	BSX46-10	2N2219				01
2N1973	S	N	F, TX, ET, RY, TI	BC141-10	BSX46					01
2N1973	S	N	TX, F, RY, TO, ET	BF109						01
2N1974	S	N	TX, F, RY, TO, ET	BSX46-10	BSX46-6	40360	2N3498			01
2N1974	S	N	TX, F, RY, TO, ET	BC141-6	BSX46					01
2N1974	S	N	TX, F, RY, TO, ET	BF109						01
2N1975	S	N	TX, F, ET, RY, TI	BSX46-6	BC141-6	40360	2N3498			01
2N1975	S	N	TX, F, ET, RY, TI	BSX46	BSX21					01
2N1983	S	N	F, MO, TX, RY, TI	BSX45-16	BCY65	2N2218				01
2N1983	S	N	F, MO, TX, RY, TI	BSY92	BF177					01
2N1983	S	N	F, MO, TX, RY, TI	BSY10						01
2N1984	S	N	SG, F, MO, ET, RY	BSX45-10	BFY33	40360	2N2218			01
2N1984	S	N	SG, F, MO, ET, RY	BSY91	BSX95					01
2N1984	S	N	SG, F, MO, ET, RY	BSY10						01
2N1985	S	N	SG, F, ET, RY, TI	BSX45-6	BFY33	40360	2N3642			01
2N1985	S	N	SG, F, ET, RY, TI	BSY91	BSX95	2N2218	2N1893			01
2N1986	S	N	SG, F, ET, IC, RY	BSX45-16	BFX68	2N3053	2N3641			02
2N1986	S	N	SG, F, ET, IC, RY	BSX45	BFY65	2N2218				02
2N1986	S	N	SG, F, ET, IC, RY	BSY10						02
2N1987	S	N	SG, F, ET, RY, TI	BSX45-6	BFX69	2N697	2N3643			02
2N1987	S	N	SG, F, ET, RY, TI	BSX45	BFY65	2N2218	2N1986			02
2N1988	S	N	F, ET, GI, RY, TI	BSX46-6		2N2218A	2N1893			02
2N1988	S	N	F, ET, GI, RY, TI	BSX46-6		2N2243A				02
2N1989	S	N	F, ET, GI, RY, TI	BSX46-6		2N2218A	2N1893			02
2N1989	S	N	F, ET, GI, RY, TI	BSX46-6		2N2243A				02
2N1990	S	N	TX, SE, MO, F, ET	BF257	BSX46-6	2N697	2N696			16
2N1990	S	N	TX, SE, MO, F, ET	BSX21	BFY45					16
2N1990	S	N	TX, SE, MO, F, ET	BFY65						16
2N1990	S	N	TX, SE, MO, F, ET	BFY45						16
2N1990A	S	N	SE, TX, S, NU, ML	(BSX47-6)	BFY45					02
2N1990S	S	N	MO, SE, TX, NU, SQ	BF257	BSX47-6					02
2N1990S	S	N	MO, SE, TX, NU, SQ	BFY45						02
2N1991	S	P	F, MO, TR, EM, HS	BSY58	BFY84	2N5143	2N1132			02
2N1991	S	P	F, MO, TR, EM, HS	BSY58	BFY84	2N2905				02
2N1992	S	N	NS			2N2369A	2N3011			13
2N1993	G	N	CN, GI, TX, ET			2N1302	2N1306			10
2N1994	G	N	TX, CN			2N1306	2N1308			10
2N1996	G	N	TX, SZ, CN, St			2N1306	2N1308			10
2N1997	G	P	TX, ET, IC, St, CN			2N1307				10
2N1998	G	P	TX, ET, IC, St, CN			2N1307				10
2N1999	G	P	TX, ET, IC, CN, GI			2N1997				10
2N2000	G	P	TX, IC, CN, SR	ASY48	ACY24					10
2N2000	G	P	TX, IC, CN, SR	OC123						10
2N2001	G	P	TX, ET, SR, CN, IC							10
2N2002	S	P	CN, SD, SQ, CR			2N2944	2N2945			12
2N2003	S	P	CN, RY, SQ, CR, SD			2N2944	2N2945			12
2N2004	S	P	CN, RY, SQ, CR, SD			2N2944	2N2945			12
2N2005	S	P	CN, RY, SQ, CR, SD			2N2944	2N2945			12
2N2006	S	P	CN, SD, SQ, CR			2N2944	2N2945			12
2N2007	S	P	CN, SD, SQ, CR			2N2944	2N2945			12
2N2008	S	N	F, RY, SG, SQ, CN	(BF457)		2N3500	2N2990			01
2N2015	S	N	RC, SZ, SQ, FE			2N3716	2N5881			01
2N2016	S	N	RC, SZ, SQ, FE			2N3715	2N5882			01
2N2017	S	N	GE, CN, TR, NS, SQ							01
2N2018	S	N	TR, GS, SQ, CN			2N3738	2N3996			03
2N2019	S	N	TR, GS, SQ, CN			2N3788	2N3996			03
2N2020	S	N	TR, SQ, CN			2N3738				03

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N2021	S	N	TR, SQ			2N3738				03
2N2032	S	N	TR, CN, SZ, SU, SQ			2N3713	2N1209			03
2N2032	S	N				2N4914	2N4032			03
2N2033	S	N	SZ, ET, SM, SU, SQ			2N3420				16
2N2034	S	N	TX, SZ, PI, SD, SQ			2N5784	2N2341			16
2N2034						2N4238				16
2N2035	S	N	SZ, PI, SM, SU, SQ			2N4911	2N4232			16
2N2036	S	N	SZ, SQ, SU			2N4911	2N4232			16
2N2048	G	P	CN, IC, SP, ET, MO			2N2955	2N2635			13
2N2049	S	N	SG, F, RY, TI, SR	BSX46-16	BFX68	2N1711	2N2219A			13
2N2049				BFY46	BF114					13
2N2049				BF109						13
2N2060	S	N	F, GE, ME, MO, RY	BFX70						05
2N2060A	S	N	F, ME, MO, TI, ML	BFY83		2N2060				05
2N2060B	S	N	F, SG, St, TI, ME	BFX99		2N2060				05
2N2061	G	P	ET	AD130IV	AF149	2N3611	2N2836			10
2N2061						2N3643				10
2N2061A	G	P	ET, KS	(AU Y21IV)	AD150IV	2N2836	T13027			16
2N2061A				AD149						16
2N2062	G	P	ET, CN, MO	AD130V	AD149	2N3611	2N2836			10
2N2062A	G	P	ET, CN, KS	(AU Y21IV)	AD131IV	2N2836	T13027			16
2N2062A				AD149IV	AD149					16
2N2063	G	P	ET, CN, MO	AD130V	AD130III	2N3611	2N2836			10
2N2063				AD131III	AD149					10
2N2063				AD131V						10
2N2063A	G	P	ET, KS	(AU Y21IV)	AD131IV	T13027				16
2N2063A				AD138	AD149					16
2N2064	G	P	ET, CN, MO	AD130V	AD130IV	2N3611	2N2836			10
2N2064				AD149	OC26					10
2N2064A	G	P	ET, CN, KS	(AU Y21IV)	AD132III			25B472		16
2N2065	G	P	ET, CN, MO	AD132V	AD131V	2N3615				10
2N2065				AD132II	AD132IV					10
2N2065				OD603/50						10
2N2065A	G	P	ET, CN, KS	(AU Y22IV)	AD132III	T13027	T13030	25B472		16
2N2066	G	P	ET, CN, KS	(AU Y22IV)	AD132V	2N3615				10
2N2066				GFT4012	SFT250					10
2N2066A	G	P	ET, CN, KS	AU Y22IV	AD132III	2N1532	T13027	25B472		16
2N2066A				AD138/50		T13030				16
2N2067	G	P	ST, ET, KS	(AU Y19III)		2N1536	2N2553			10
2N2067-0	G	P	ST, ET, KS	(AU Y19III)						10
2N2067B	G	P	ST, ET, KS	(AU Y19III)						10
2N2067G	G	P	ST, ET, KS	(AU Y19IV)						10
2N2067W	G	P	ST, ET, KS	(AU Y19III)						10
2N2068	G	P	ST, ET, KS	(AU Y20III)		2N1531	2N2555			10
2N2068-0	G	P	ST, ET, KS	(AU Y20IV)						10
2N2068G	G	P	ST, ET, KS	(AU Y20IV)						10
2N2069	G	P	IN	(AU Y21IV)		2N1539				10
2N2070	G	P	IN	(AU Y22IV)		2N1541				10
2N2071	G	P	IN	(AU Y21IV)		MPS1539				10
2N2072	G	P	IN	(AU Y22IV)		MPS1541				10
2N2084	G	P	AM, PE	AFY11	ASZ21	2N2189				02
2N2085	G	N	CN, ET			2N1304				01
2N2086	S	N	CN, SM, ET			2N2243A				13
2N2087	S	N	CN, ET, SM			2N2243A				13
2N2089	G	P	AM, PE	AF124	AF134	2N2188	2N2495			02
2N2089				AF178	AF114					02
2N2090	G	P	PE	AF125	AF135	2N2190	2N2188	2SA156		02
2N2090				AF178	AF115	2N2495				02
2N2091	G	P	PE	AF126	AF137	2N2190	2N2188	2SA240		02
2N2091				AF125	AF136					02
2N2091				AF185	AF116					02
2N2092	G	P	AM, PE	AF127	AF137	2N2192	2N2189	2SA240		02
2N2092				AF185	AF117					02
2N2093	G	P	AM	AF127	AF127C	2N2189	2N2193	2SA240		02
2N2093				AF137	AF185					02
2N2093				AC117C						02
2N2095	G	P	ID, SQ			2N2999				03
2N2096	G	P	MO, SQ	(ASY26)		2N2997				13
2N2097	G	P	MO, SQ	(ASY26)		2N2997				13
2N2098	G	P	MO	(ASY26)		2N2999				02
2N2099	G	P	MO, SQ	(ASY26)		2N2997				13
2N2100	G	P	MO	(ASY26)		2N2997				13
2N2101	S	N	ET, SD, CN, PP, SQ			2N3487				06
2N2102	S	N	MO, RC, TX, TI, V	BSX47-6	BSX45VI	2N2270				13
2N2102				BSX47VI	BFR22					13

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N2102				BFY55	BSX64					13
2N2102A	S	N	RY, TX, TI, CA, SQ	BSX47-6						13
2N2102S	S	N	MO			2N2102				
2N2104	S	P	ND			2N2905				13
2N2105	S	P	ND			2N2904A	2N2905			13
2N2106	S	N	GE, SM, TR, CN, SQ			2N2218	2N2987			01
2N2106						2N4238				01
2N2107	S	N	GE, ET, SQ, TR, CN			2N2218	2N2987			01
2N2107						2N4238				01
2N2108	S	N	CN, SM, TR, ES, SQ			2N2219	2N2989			01
2N2108						2N4238				01
2N2109	S	N	W, SZ, SQ, FR, SU			2N3846				16
2N2110	S	N	W, SZ, SQ, PT, SU			2N3846				16
2N2111	S	N	W, SZ, SQ, PT, SU			2N3846				16
2N2112	S	N	W, SU, SQ, SZ			2N3846				16
2N2113	S	N	W, SU, SQ, SZ			2N3846				16
2N2114	S	N	W, SU, SQ, SZ			2N3846				16
2N2116	S	N	W, SU, SQ, SZ			2N3846				16
2N2117	S	N	W, SU, PT, SQ, SZ			2N3846				16
2N2118	S	N	W, SZ, SQ, PT, SU			2N3846				16
2N2119	S	N	W, SU, SQ, SZ			2N3846				16
2N2123	S	N	W, SU, SQ, SZ			2N4002				16
2N2124	S	N	W, SZ, SQ, PT, SU			2N4002				16
2N2125	S	N	W, SZ, SQ, PT, SU			2N4002				16
2N2126	S	N	W, SZ, SQ, PT, SU			2N4002				16
2N2130	S	N	W, SU, SQ, SZ			2N4002				16
2N2131	S	N	W, SZ, SQ, PT, SU			2N4002				16
2N2132	S	N	W, SZ, SQ, PT, SU			2N4002				16
2N2133	S	N	W, SZ, SQ, PT, SU			2N4002				16
2N2137	G	P	MO, SD, ET	AD130IV	AUY19IV	2N1038	2N2552			06
2N2137A	G	P	MO, ET	AD150III	AD150IV	2N1038				06
2N2137A				AD130IV	AUY19IV					06
2N2138	G	P	MO, ET, SD, CN, KS	(AD131IV)	AD149IV	2N1038	2N2552			06
2N2138				AUY19IV						06
2N2138A	G	P	MO, ET, CN	(AD131IV)	AD149	2N1038	2N2552			06
2N2138A				AUY19IV						06
2N2139	G	P	MO, KS, SD, ET	AD131IV	AUY19IV	2N1038	2N2554			06
2N2139A	G	P	MO, ET	AD131	AD138/50	2N1038	2N2554			06
2N2139A				AD149	AD131IV					06
2N2139A				AUY19IV						06
2N2140	G	P	MO, ET, SD, CN, KS	AD132IV	AUY20IV	2N1038	2N2555			06
2N2140A	G	P	MO, ET	AD132IV	AUY20IV	2N1038	2N2555			06
2N2141	G	P	MO, ET, SD, CN, KS	AD163IV	AUY34IV	2N1038	2N2555			06
2N2141A	G	P	MO, ET	AD163IV	AUY34IV	2N1038	2N2555			06
2N2142	G	P	MO, ET, SD, CN, KS	AD130V	AUY19V					06
2N2142A	G	P	MO, ET, CN	AD130V	AUY19V					06
2N2143	G	P	MO, ET, SD, CN, KS	(AD131V)	AD149V					06
2N2143				AUY19V						06
2N2143A	G	P	MO, CN	(AD131V)	AD149					06
2N2143A				AD149V	AUY19V					06
2N2144	G	P	MO, ET, SD, CN, KS	AD131V	AUY19V					06
2N2144A	G	P	MO, ET, CN	AD131	AD138/50					06
2N2144A				AD149	AD131V					06
2N2144A				AUY19V						06
2N2145	G	P	MO, ET, SD, CN, KS	AD132V	AUY20V					06
2N2145A	G	P	MO, ET	AD132V	AUY20V					06
2N2146	G	P	MO, KS, SD, CN	(AD163IV)						06
2N2146A	G	P	MO, CN	(AD163IV)						06
2N2147	G	P	ET, RC, ES, SD, CN	(AUY22IV)	AD167	2N1907	2N2832			06
2N2147				AD149						06
2N2148	G	P	ET, RC, SD, ES	(AUY21IV)	AD166	2N1908	2N2837			06
2N2148				AD145		2N2832				06
2N2162	S	P	SP, FR, CR, RY, SQ			2N2945	2N2946			12
2N2163	S	P	SP, CR, SM, SQ, FR			2N2944	2N2945			12
2N2164	S	P	SP, CR, FR, RY, SQ			2N2944	2N2945			12
2N2165	S	P	SP, CR, RY, SQ, SM			2N2945	2N2946			12
2N2166	S	P	SP, FR, RY, SQ, CR			2N2944	2N2945			12
2N2167	S	P	SP, CR, FR, SM, SQ			2N2944	2N2945			12
2N2168	G	P	SP, ET, ID, CN, FR			2N2997				13
2N2169	G	P	SP, ET, ID, CN, FR			2N2996				13
2N2170	G	P	SP, ET, ID, CN, FR			2N2997				13
2N2171	G	P	MO, ET, SR	(ASY48VI)		2N1376	2N1377			01
2N2172	G	P	ET			2N1376	2N1377			10
2N2175	S	P	SD, RY, SQ, CR, SM			2N2944	2N2945			01
2N2176	S	P	SD, RY, SQ, CR, SM			2N2944	2N2945			01

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N2177	S	P	SD, RY, SQ, CR, SM			2N2944	2N2945			01
2N2178	S	P	SD, RY, SQ, CR, SM			2N2944	2N2945			13
2N2180	S	G	PH			2N2635				01
2N2181	S	P	RY			2N2944	2N2945			12
2N2182	S	P	RY			3N108	3N111			12
2N2183	S	P	PH			2N2944	2N2945			12
2N2184	S	P	PH			3N108	3N111			12
2N2185	S	P	CR, RY, SP, TD, FR			2N2944	2N2945			12
2N2186	S	P	CR, RY, SP, TD, FR			3N108	3N111			12
2N2187	S	P	CR, RY, SP, TD, FR			3N108	3N111			12
2N2188	G	P	TX, SR			2N3323				02
2N2189	G	P	SR, TX			2N3323				02
2N2190	G	P	SR, TX			2N3323				02
2N2191	G	P	SR, TX			2N3323				02
2N2192	S	N	IT, TX, SE, F, MO	BSX45-16	BFX68A	2N1711	2N2219A			13
2N2192				BSX45	BFY70	2N2243A	2N3569			13
2N2192A	S	N	F, MO, TX, RY, TI	BSX45-16	BFX68A	2N2243A	2N2219A			13
2N2192A						2N3569				13
2N2192B	S	N	F, MO, TX, RY, TI	BSX45-10	BFX68A	2N2192A	2N2243A			13
2N2192B						2N3569				13
2N2193	S	N	TF, IT, TX, SG, SE	BSX46-6	BSX45	2N1613	2N2218A	ZSC708		13
2N2193				BFY444	BSY46	2N2243A	2N3568			13
2N2193				BSY85						13
2N2193A	S	N	F, MO, TX, RY, TI	BSX46-6		2N2243A	2N2218A			13
2N2193A						2N3568				13
2N2193B	S	N	F, MO, TX, RY, TI	BSX46-6		2N3568				13
2N2194	S	N	IT, TX, SE, ML, F	BSX45-6	BSX45	2N699	2N2218A			13
2N2194				BSY71	BFY70	2N3567				13
2N2194A	S	N	F, MO, TX, TI, RY	BSX45-6		2N2218A	2N3567			13
2N2194B	S	N	F, MO, TX, RY, TI	BSX45-6		2N3567				13
2N2195	S	N	IT, TX, SG, SE, RY	BSX45-6	BFY70	2N697	2N2218			13
2N2195						2N3641				13
2N2195A	S	N	SG, F, MO, TX, TE	BSX45-6		2N697	2N2218			13
2N2195A						2N3641				13
2N2195B	S	N	F, MO, TX, TI, RY	BSX45-6		2N2218	2N3641			13
2N2196	S	N	SE, TR, GE, Ss, SM	(BSX46-6)		2N3766				06
2N2197	S	N	SE, TR, CN, ML, SQ	(BSX46-6)	BSX45	2N3766				06
2N2201	S	N	GE, SO, TR, SM			2N3738	2N4239			01
2N2201						2N5681				01
2N2202	S	N	SM, SQ			2N3738	2N4239			01
2N2202						2N5681				01
2N2203	S	N	SM, SQ			2N3738	2N4239			01
2N2203						2N5681				01
2N2204	S	N	SM, SQ			2N3738	2N4239			01
2N2204						2N5681				01
2N2205	S	N	F, IN, FE, IT, SM	BSY62A	BSX87	2N853	2N706			13
2N2205						2N4274				13
2N2206	S	N	F, IN, MO, FE, SR	BSY62B	BSX87	2N835	2N2410			13
2N2206						2N3015	2N3646			13
2N2207	G	P	PE	AF118						02
2N2210	G	P	MO			2N2075				06
2N2214	S	N	TW			2N706				13
2N2216	S	P	MO			2N3498				13
2N2217	S	N	IT, TX, F, MO, PH	BCW77-16	BFY72	2N697	2N2218			13
2N2217				BSX45	BSW77XVI	2N2219				13
2N2217				BF168						13
2N2218	S	N	TF, IT, TX, MO, SG	BCW77-16	BFX96	2N697	2N2219	ZSC479	2N2904	13
2N2218				BSX45	BCW77XVI	2N3641				13
2N2218				BSX73	BSY34					13
2N2218	S	N	SE, F, PH	BCW77-16	BFX73	2N697	2N2219	ZSC479		13
2N2218				BSX45	BCW77XVI	2N3641				13
2N2218				BFX96	BSY34					13
2N2218A	S	N	F, MO, PH, TX	BCW78-16	BFY72	2N3053	2N2219		2N2904A	13
2N2218A				BCW78XVI	BSW53	2N3641				13
2N2218B	S	N		BFY72						13
2N2219	S	N	F, MO, PH, TX, GI	BCW77-16	BFX97	2N3641			2N2905	13
2N2219				BSX45	BCW77XVI					13
2N2219				BSX74	BSY34					13
2N2219A	S	N	F, MO, PH, TX, IN	BCW78-16	BF72				2N3502	13
2N2219A				BCW78XVI	BSW54					13
2N2220	S	N	F, MO, PH, TX, RY	BCW73-16	BFY72	2N2222	2N2221			13
2N2220						2N4436				13
2N2221	S	N	F, MO, PH, TX, V	BCW73-16	BFX94	2N2222	2N2220		2N2906	13
2N2221				BSX45	BCW73XVI	2N4436				13
2N2221				BF168	BSX34					13

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N2221A	S	N	F, MO, PH, TX, RY	BCW74-16	BFY72	2N4436			2N2906A	13
2N2221A				BCW74XVI	BSW63					13
2N2222	S	N	F, MO, PH, TX, IT	BCN73-16	BFX95	2N2221	2N4437		2N2907	13
2N2222				BSX45	BCW73XVI					13
2N2222				BFY34	BSW64					13
2N2222				BSY44	BC232					13
2N2222A	S	N	F, MO, PH, TX, RY	BCW74-16	BFY83	2N4437			2N3504	13
2N2222A				BSX45A	BCW74XVI					13
2N2222A				BSW64						13
2N2223	S	N	GI, MO, RY, TI, GE	BFX72	BFX71					06
2N2224	S	N	MO, SM, HS	BSY34		2N2218	2N2219			13
2N2225	G	P	KS			2N1143				10
2N2230	S	N	W, SZ, SQ, SM, SU	BUY12	BUY56IV					06
2N2236	S	N	RY, CA, SM, SQ	BSX45-6	BSY34	2N2218	2N2193			13
2N2236				BSX73		2N2243A				13
2N2237	S	N	RY, CA, SM, SQ	BSX45-6	BSY58	2N2218	2N2152			13
2N2237				BSX73		2N2243A				13
2N2239	S	N	SZ, SQ			2N3766	2N4232			01
2N2240	S	N	SM, SQ			2N699	2N2243A			13
2N2241	S	N	SM, SQ			2N1890	2N2243A			13
2N2242	S	N	MO, IT, SM, SG, SR	BSY63	BSX87	2N2501	2N2369			13
2N2242						2N2369A	EN914			13
2N2243	S	N	TX, GI, TI, RY, NS	BSX47-6	BSW65	2N1893	2N2219			13
2N2243A	S	N	TX, GI, TI, RY, NS	BSX47-6		2N1893				13
2N2244	S	N	NS			2N835	2N929			01
2N2244						2N930				01
2N2245	S	N	NS			2N835	2N929			01
2N2245						2N930				01
2N2246	S	N	NS			2N835	2N929			01
2N2246						2N930				01
2N2247	S	N	NS			2N835	2N929			01
2N2247						2N930				01
2N2248	S	N	NS			2N835	2N929			01
2N2248						2N930				01
2N2249	S	N	NS			2N834	2N929			01
2N2249						2N930				01
2N2250	S	N	NS			2N835	2N929			01
2N2250						2N930				01
2N2251	S	N	NS			2N835	2N929			01
2N2251						2N930				01
2N2252	S	N	NS			2N834	2N929			01
2N2252						2N930				01
2N2253	S	N	NS			2N834	2N929			01
2N2253						2N930				01
2N2254	S	N	NS			2N834	2N929			01
2N2254						2N930				01
2N2255	S	N	NS			2N834	2N929			01
2N2255						2N930				01
2N2256	S	N	MO, SM, SQ	(BSY17)					2N2258	13
2N2257	S	N	MD, SM, SO	(BSY18)					2N2259	13
2N2258	G	P	MO, SQ			2N964	2N972		2N2256	13
2N2259	G	P	MO, SO			2N964	2N972		2N2257	13
2N2266	G	P	SD, KS			2N2145				16
2N2267	G	P	SD, KS			2N2145				16
2N2268	G	P	SD			2N2145				16
2N2269	G	P	SD			2N2145				16
2N2270	S	N	RC, TX, TI, ET, FR	BSX46-10		2N2219	2N2102			01
2N2270						2N2243A	2N3053			01
2N2270A	S	N	MO			2N2270				
2N2270S	S	N	MO			2N2270				
2N2271	G	P	ET, UP	AC153	AC117	2N404				01
2N2271				AC128						01
2N2272	S	N	GE			2N914				13
2N2273	G	P	MO, SQ, SM	AF121	AFY12					02
2N2273				AF108						02
2N2274	S	P	CR, RY, SP, ID, SM			2N2944	2N2945			12
2N2288	G	P	MO, SD, ET, SQ, CN	(AUY21IV)		2N2526	2N1046			06
2N2288						2N1907				06
2N2289	G	P	MO, SD, ET, SQ, CN	(AUY22IV)		2N2526				06
2N2290	G	P	SD, KS, SQ, CN, MO			2N2526				06
2N2291	G	P	MO, SD, ET, SQ, CN	(AUY21IV)		2N1907				06
2N2292	G	P	MO, SD, ET, SQ, CN	(AUY22IV)						06
2N2294	G	P	SD, ET, SQ, CN, KS			2N1907				06
2N2297	S	N	TX, IT, SG, PH, RT	BSX45-8	BFY66	2N1907	2N2243A	2SC708		12
2N2297				BFY58A	BSX45	2N1613	2N3567			02
2N2297						2N3252				02

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE		
2N2297				BSY46	BFY55			02		
2N2297				BSY40				02		
2N2297S	S	N	MO		2N1613					
2N2303	S	P	IT, TX, F, MO, TR	BSV16-10	40315	2N2801		02		
2N2303					2N3649			02		
2N2304	S	N	SM, SZ, SU, SF		2N3766	2N4910		06		
2N2305	S	N	SZ, SD, PP, SU, SQ		2N4913	2N5068		06		
2N2308	S	N	SZ, SF, SQ, SM, SU		2N4912			06		
2N2309	S	N	RY, SM, SQ, CA		2N696	2N697		01		
2N2310	S	N	RY, CA, SM, SQ, CN		2N698	2N2243A		01		
2N2311	S	N	RY, SM, SQ, CA		2N698	2N2243A		01		
2N2311					2N5681			01		
2N2312	S	N	RY, CA, SM, SQ, CN		2N699	2N2243A		01		
2N2313	S	N	CA, SM, SQ, RY		2N1889	2N2243A		01		
2N2313					2N5681			01		
2N2314	S	N	RY, CA, SM, SQ, CN		2N698	2N43A		01		
2N2315	S	N	RY, CA, SM, SQ, CN		2N699	2N2243A		01		
2N2315					2N2222			01		
2N2316	S	N	RY, SM, TD, CA, SQ		2N1893	2N2243A		01		
2N2317	S	N	RY, CA, SM, TD, CN		2N1613			01		
2N2318	S	N	CN, SQ, ET		2N834	2N3014		13		
2N2319	S	N	GI		2N834	2N3014		13		
2N2330	S	N	TX, MO, HS, SM, SQ		40814	2N4124		12		
2N2330					2N834	2N3014		12		
2N2330					2N2432			12		
2N2331	S	N	MO, SM, SQ, CN		2N2432			12		
2N2332	S	P	CN, RY, SD, SQ, CR		2N2944	2N2945		12		
2N2333	S	P	CN, RY, SD, CR, SQ		2N2944	2N2945		12		
2N2334	S	P	RY, CN, SD, SQ, CR		2N2944	2N2945		12		
2N2335	S	P	CN, RY, SD, SQ, CR		2N2944	2N2945		12		
2N2336	S	P	CN, RY, CR, SD, SQ		2N2944	2N2945		12		
2N2337	S	P	RY, SD, CR, SQ, CN		2N2944	2N2945		12		
2N2338	S	N	RC, SQ		2N3713			06		
2N2339	S	N	CN, SF, ET		MJ3101	2N1049		06		
2N2339					2N4910			06		
2N2340	S	N	DD		2N5320			03		
2N2341	S	N	DD		2N5320			03		
2N2342	S	N	DD		2N5320			03		
2N2343	S	N	DD		2N5320			03		
2N2350	S	N	CA, RY, SQ, TI, IT		2N2192	2N2243A		13		
2N2350A	S	N	CA, RY, SQ, TD, TI		2N2192	2N2243A		12		
2N2351	S	N	F, TX, SQ, TI, UP	(BSX46-6)	2N2193	2N2243A		12		
2N2351					2N3568			12		
2N2351A	S	N	F, TX, RY, SQ, TI	(BSX46-6)	2N2193A	2N2243A		12		
2N2351A					2N3568			12		
2N2352	S	N	CN, IT, SM, CA, RY	BSX33	2N2194	2N2243A		12		
2N2352					2N3567			12		
2N2352A	S	N	CN, IT, SM, TD, RY	BSX33	2N2194	2N2243A		12		
2N2352A					2N3567			12		
2N2353	S	N	CN, IT, SM, TD, RY	BSX33	2N2243	2N2243A		12		
2N2353								12		
2N2353					2N3643			12		
2N2353A	S	N	CA, RY, SQ, TI, UP	BSX33	2N2243A			12		
2N2354	G	N	SQ		2N1302			01		
2N2356	S	N	GE, SQ		3N76	3N79		12		
2N2356A	S	N	GE, SQ		3N74	3N79		12		
2N2360	G	P	ID, SP	AF139	2N2997	2N3283		02		
2N2361	G	P	ID, SP		2N3284	2N2997		02		
2N2362	G	P	ID, SP		2N3284			02		
2N2363	G	P	TX		2N2997			02		
2N2364	S	N	CA, SM, TD, TI, RY		2N2243A					
2N2368	S	N	F, EM, ET, Ss, FR	BSX92	BSY63	2N3227	2N3641	ZSC689	2N5056	13
2N2368				BSY21	BSX19					13
2N2368				BSX20						13
2N2369	S	N	F, Ss, FR, IT, MO	BSX93	BSY19	2N3227	2N4275	ZSC689	2N5057	13
2N2369				BSY63	BSS11	EN2369A				13
2N2369				BSX20						13
2N2369A	S	N	F, BL, FR, MO, NT	BSX28	BSY63	2N3227			2N5057	13
2N2369A				BSX20						13
2N2370	S	P	CR, SQ		2N2944	2N2945				
2N2371	S	P	CR, SQ		2N2944	2N2945				
2N2372	S	P	CR, SQ		2N2944	2N2945				
2N2373	S	P	CR, SQ		2N2944	2N2945				
2N2374	G	P	ET, IC, SZ, CN, GI		2N3427	2N404				01
2N2376	G	P	CN, GI, SS, St, ET		2N1193	2N404				01
2N2376	G	P	CN, GI, St, ET, SQ		2N1193	2N404				01

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N2377	S	P	SP, FR, RY, CR, SS			2N2944	2N2245			02
2N2378	S	P	SP, FR, SQ, CR, ID			2N2944	2N2945			02
2N2380	S	N	CA, SM, SQ, RY			2N1893	2N2243A			13
2N2380A	S	N	CA, SQ, RY			2N2277	2N2219			13
2N2383	S	N	SZ, SM, St, ET			2N4914				06
2N2384	S	N	SZ, SQ, SM			2N4914				06
2N2386	J	P	TX, SD, TI, ID			2N3330				
2N2386A	J	P	TX, IL			2N3330				
2N2387	S	N	TX	BC237A						01
2N2388	S	N	TX	BC237A						01
2N2389	S	N	TX, SQ	(BSX46-6)	BSX45VI					01
2N2390	S	N	TX, SQ	(BSX46-10)						01
2N2395	S	N	TX, SQ	(BSX45-6)						01
2N2396	S	N	TX, SQ	(BSX45-6)	BC140	2N2221A				01
2N2396	S	N	TX, SQ	BSY46						01
2N2397	S	N	SY			2N2369A	2N3011			13
2N2397	S	N	SY			2N3329				13
2N2398	G	P	FR, SP, ID			2N3284	2N2997			02
2N2399	G	P	FR, SP, ID			2N3284	2N2997			02
2N2400	G	P	FR, SP, ID			2N964	2N711			13
2N2401	G	P	FR, SM, SQ, ID, SP			2N964	2N711A			13
2N2402	G	P	FR, SP, ID			2N2956	2N964			13
2N2402	G	P	FR, SP, ID			2N711B				13
2N2405	S	N	F, MO, V, RC, RY	BSX47-10		2N3498	2N1893			01
2N2405	S	N	F, MO, V, RC, RY			2N2243A				01
2N2410	S	N	TX, SG, PH, RT, F	BSY34	BSX60	2N3053	2N2218	2SC479		13
2N2410	S	N	TX, SG, PH, RT, F	BSX45/10	BFV51	2N3015	2N2537			13
2N2410	S	N	TX, SG, PH, RT, F	BSX45	BSX61					13
2N2411	S	P	PH, TX, MO, NS, SM	(BSX48)	BCY78VII	2N3250				13
2N2411	S	P	PH, TX, MO, NS, SM	BCY78VI	BSY40					13
2N2412	S	P	PH, TX, MO, NS, SM	(BSX48)	BCY78	2N3250				13
2N2412	S	P	PH, TX, MO, NS, SM	BSY41	BC178VI					13
2N2414	S	N	RY, SQ, SM			2N2060				04
2N2415	G	P	MO, TX	(AF239S)	AF186					02
2N2416	G	P	MO, TX	(AF239S)						02
2N2417	U	PN	GE			2N3980				
2N2417A	U	PN	GE			2N3980				
2N2417B	U	PN	GE			2N3980				
2N2418	U	PN	GE			2N3980				
2N2418A	U	PN	GE			2N3980				
2N2418B	U	PN	GE			2N3980				
2N2419	U	PN	GE			2N3980				
2N2419A	U	PN	GE			2N3980				
2N2419B	U	PN	GE			2N3980				
2N2420	U	PN	GE			2N3980				
2N2420A	U	PN	GE			2N3980				
2N2420B	U	PN	GE			2N3980				
2N2421	U	PN	GE			2N3980				
2N2421A	U	PN	GE			2N3980				
2N2421B	U	PN	GE			2N3980				
2N2422	U	PN	GE			2N3980				
2N2422A	U	PN	GE			2N3980				
2N2422B	U	PN	GE			2N3980				
2N2423	G	P	KS, TR, SD			2N3616	2N456A			16
2N2423	G	P	KS, TR, SD			2N3146				16
2N2424	S	P	CR, SM			2N2944	2N2945			10
2N2425	S	P	CR, SQ, SM			2N2945	2N2946			01
2N2426	G	N	SY							01
2N2428	G	P	AM, PH, PE, NU	AC151VI	AC151	2N1377	2N652	2S8459		01
2N2428	G	P	AM, PH, PE, NU	AC122	AC126	2N1381	2N2429			01
2N2429	G	P	AM, PH, NU	AC151IV	AC171	2N1377	2N652			01
2N2429	G	P	AM, PH, NU	AC125	AC151	2N1381				01
2N2429	G	P	AM, PH, NU	AC163	AC126					01
2N2430	G	N	AM, PH, PE, NU	AC152VI	AC186	2N1304				01
2N2430	G	N	AM, PH, PE, NU	AC127						01
2N2431	G	P	AM, PH, PE, NU	AC153VI	AC153V	2N1377	2N1381	2S8770B		01
2N2431	G	P	AM, PH, PE, NU	AC128	AC117					01
2N2431	G	P	AM, PH, PE, NU	AC153						01
2N2432	S	N	TX, TR, CN, TD	(BCY58VII)	BCY59					12
2N2432A	S	N	TX, TD, CR, TR	(BCY59VII)						12
2N2436	S	N	TI, SQ, TR, SM	BC110						13
2N2437	S	N	TI, SQ, TR, SM			2N1893	2N2243A			02
2N2438	S	N	TI, SQ, TR, SM			2N1893	2N2243A			02
2N2439	S	N	TI, SQ, TR, SM			2N1893	2N2243A			02
2N2443	S	N	F, SG, TI, TR, SM	BSX47-10		2N1890	2N2243A			02

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N2444	G	P	KS, SQ, SD			2N456A	2N3146			06
2N2445	G	P	SD, TR			2N456A	2N3146			06
2N2447	G	P	RY			2N1187	2N1309			01
2N2448	G	P	RY			2N1187	2N1309			01
2N2449	G	P	RY	AC151	AC122	2N1307	2N652			01
2N2450	G	P	RY	AC151	AC122	2N1307	2N652			01
2N2450				AC125						01
2N2451	G	P	SP, ID, SM, FR			2N2635				13
2N2452	N	F, SG		BPY65						04
2N2453	S	N	TI, MO, RY, TX, GE	BFY81		2N3680				06
2N2453A	S	N	TI, GE, MO, BT, IL	BFY81		2N3680				06
2N2456	G	P	SY			2N2999				13
2N2472	S	N	SM			2N2432				06
2N2473	S	N	GE			2N2432				06
2N2474	S	P	CR, SM							06
2N2475	S	N	F, TX, RC, TR, FR	BSY17	BSX27	2N3013				13
2N2475				BSX44						13
2N2476	S	N	F, MO, RC, ET, SP	(BSY34)	BSX30	2N3252	2N2539			13
2N2476						2N3015				13
2N2477	S	N	F, MO, RC, SP, ET	(BSY34)	BSX30	2N3252	2N2537			13
2N2477						2N3015				13
2N2478	S	N	ET	BSW51		2N2218	2N2537			13
2N2478						2N3015				13
2N2479	S	N	CN, ET, TD, CA, RY			2N2218	2N3252			13
2N2480	S	N	GE, MO, TI, RY, TO	BFY83		2N2060				06
2N2480A	S	N	GE, RY, MO, Ss, ML	BFY83		2N2639	2N2640			06
2N2481	S	N	NO, TX, HS, RY, TD	BSY63	BSX28	2N4275				13
2N2482	G	N	St			2N797				02
2N2483	S	N	F, MO, TX, SD, TR	(BC4148)	BFX92A	MM2483	2N2484	2SC648		01
2N2483				BCY65EVII	BC107B	EN2483				01
2N2483				BCY65	BFY27					01
2N2484	S	N	F, MO, TX, ME, NS	(BC4148)	BFX93A	2N2483	MM2484	2SC648		01
2N2484				BCY65EIX	BC107B	EN2484				01
2N2484				BCY66						01
2N2484R	S	N	TX, TI, CA, RY, CN	(BC4148)						01
2N2486	J	P	NS			2N2497				03
2N2486A	J	P	NS			2N2499				
2N2487	G	P	SP, ID, SQ, FR, SM			2N2966				13
2N2488	G	P	SP, ID, SQ, FR, SM			2N2966				13
2N2489	G	P	SP, ID, SQ, FR, SM			2N2966				13
2N2494	G	P	PE	AF106	AF190	2N2996	2N2495			02
2N2494				AF102	AF178					02
2N2495	G	P	PE	AF106	AF178	2N2996				02
2N2496	G	P	PE, AM			2N2996				02
2N2497	J	P	TX, TI, IL, SD			2N5267	2N3329			
2N2498	J	P	TX, TI, SD, IN			2N3330				
2N2499	J	P	TX, TI, IL, SD			2N3909A	2N3331			
2N2500	J	P	TX, SD, TI, IL			2N5267	2N5268			
2N2500						2N3014				
2N2501	S	N	MO, SM, TR, TI, HS	(BSY63)		2N3014				13
2N2509	S	N	TI, F, IT, GI, RY	BFY77		2N3014	5E4001			02
2N2510	S	N	TI, F, IT, NS, GI	BFY77		2N930	2N3565			02
2N2511	S	N	TI, F, IT, NS, GI	BFY77		2N3444	2N2484			02
2N2511						2N2586	5E4010			02
2N2512	G	P	AM	AF118						02
2N2520	S	N	SD, SQ, SM			2N929	2N930			01
2N2521	S	N	SD, SQ, SM			2N929	2N930			01
2N2522	S	N	SD, SQ, SM			2N929	2N930			01
2N2523	S	N	SD, SQ, SM			2N929	2N930			01
2N2524	S	N	SD, SQ, SM			2N930				01
2N2526	G	P	MO	AU103	AU105					14
2N2527	G	P	MO	AU103	AU105					14
2N2528	G	P	MO	AU103	AU105					14
2N2535	G	P	RC			2N1038	2N2555			01
2N2536	G	P	RC			2N1038	2N2565			01
2N2637	S	N	MO, RY, TX, ET, SM	BSY34	BSX73	40635	2N3015			13
2N2638	A	N	MO, ET, TX, RY, CN	BSY34	BSX73	2N1711	2N2219			13
2N2638						2N3015				13
2N2639	S	N	MO, TX, ET, RY, HS	BSX49		2N2222A	2N3015			13
2N2639						2N2222				13
2N2640	S	N	MO, ET, RY, TX, CN	BSX49		2N2222A	2N3015			13
2N2640						2N2222				13
2N2641	G	P	RY, SQ, St, CN			2N1038				10
2N2652	G	P	TX, KS, CN, MO			2N1038				06
2N2653	G	P	TX, MO, KS, TT			2N1038				06

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
2N2554	G	P	TX, KS, TI, CN, MO		2N1038			06
2N2555	G	P	TX, MO, KS, TT		2N1038			06
2N2556	G	P	TX, KS, TT, CN, MO		2N1038			06
2N2557	G	P	TX, KS, TT, CN, MO		2N1038			06
2N2558	G	P	TX, KS, TT, CN, MO		2N1038			06
2N2559	G	P	TX, KS, TT, CN, MO		2N1038			06
2N2560	G	P	TX, KS, TT, CN, MO		2N1038			06
2N2561	G	P	TX, MO, CN, KS, TT		2N1038			06
2N2562	G	P	TX, KS, TT, CN, MO		2N1038			06
2N2563	G	P	TX, KS, TT, CN, MO		2N1038			06
2N2564	G	P	TX, KS, TT, CN, MO		2N1038			06
2N2565	G	P	TX, KS, TT, CN, MO		2N1038			06
2N2566	G	P	TX, KS, TT, CN, MO		2N1038			06
2N2567	G	P	TX, KS, TT, CN, MO		2N1038			06
2N2569	S	N	AM, PE, RA, V, MU		2N2432			12
2N2570	S	N	PH, AM, PE, RA, V	(BCY58VII) BSX20	BSY62	2N2432		12
2N2570	S	N	DD, SD, SU, PT		2N3847			16
2N2581	S	N	DD, SU, SD		2N3847			16
2N2582	S	N	DD, SD, SU, PT		2N3847			16
2N2583	S	N	F, TX, CS, IT, TI	(BC414B) BCY66	BFY77 BC107A	2N2484	SE4020	01
2N2586	G	P	TX		2N1038	2N2188		01
2N2586	S	P	SD, SQ, SM		2N2604	2N2605		02
2N2588	S	P	SD, SM, SQ, CN		2N2604	2N2605		02
2N2590	S	P	SD, SM, SQ, CN		2N2604	2N2605		02
2N2591	S	P	SD, SM, SQ, CN		2N2604	2N2605		02
2N2592	S	P	SD, SM, SO, CN		2N2604	2N2605		02
2N2593	S	P	SD, SM, SO, CN		2N2604	2N2605		02
2N2594	S	N	CN, TR, TI, SQ		2N5321			01
2N2595	S	P	SD, SM, SO, CN		2N2604	2N2605		02
2N2596	S	P	SD, SM, SO, CN		2N2604	2N2605		02
2N2597	S	P	SD, SM, SO, CN		2N736			02
2N2598	S	P	SD, SM, SO, CN		2N2604	2N2605		02
2N2599	S	P	SD, SM, SO, CN		2N2604	2N2605		02
2N2599A	S	P	SD, SM, SO, CN		2N2604	2N2605		02
2N2600	S	P	SD, SM, SO, CN		2N2604	2N2605		02
2N2600A	S	P	SD, SQ, SM		2N2604	2N2605		02
2N2601	S	P	SD, SM, TI, CN, SQ		2N2604	2N2605		02
2N2602	S	P	SD, SM, TI, CN, SQ		2N2604	2N2605		02
2N2603	S	P	SD, SM, TI, CN, SQ		2N2604	2N2605		02
2N2604	S	P	A, F, TX, SD, NS, MO	BCY77VII	BC177VI	2N2605		02
2N2604	S	P	A, F, TX, SD, TI, NS	BCY79 (BC416B) BC117A	BFX37 BCY79X	2N3798	2N4248	02
2N2605	S	P	SD, SM, TD, TI, F		2N2605	2N4250A		02
2N2605A	J	P	SX, IL, TI, ES, TX		2N5474	SM5536		02
2N2606	J	P	SX, SD, TI, IL, TX		2N2843 2N5475	2N5476		
2N2607	J	P	SX, SD, TX, TI, IL		SF9737			
2N2608	J	P	SX, F, SD, IL, TI		2N3330	2N3329		
2N2609	J	P	SX, F, SD, IL, TI		2N3330			
2N2610	S	N	SM, SQ		2N1149			01
2N2611	S	N	SM, SQ		2N3766			06
2N2612	G	P	SD		2N1559			06
2N2613	G	P	NU, ES, NU	(AC162) AC160gn	AC126	2N404	2N1193	01
2N2613	G	P	NU	(AC162) AC160gn	AC163 AC126	2N404	2N1193	01
2N2614	G	P	NU	(AC162) AC160gn	AC163 AC126	2N404	2N1193	01
2N2614	G	P	NU	(AC162) AC160gn	AC163 AC126	2N404	2N1193	01
2N2615	S	N	CN, F, SQ, SM	BFY78				04
2N2616	S	N	F, TI, LI, SO, CN	(BFX89)	BFY28	2N917 2N3563	2N918	04
2N2616	S	N	F, TI, LI, SO, CN	(BFX89)	BFY28	2N917 2N3563	2N918	04
2N2617	S	P	PE	BCZ11		2N2944	2N2945	01
2N2632	S	N	SD, GX, SM, TR, CN		2N3487	2N3421		06
2N2633	S	N	SD, GX, SM, SQ, TR		2N3488	2N3421		06
2N2634	S	N	SD, GX, SM, SQ, TR		2N3489	2N3421		06
2N2639	S	N	TX, MO, RY, TR, TI	BFY81				06
2N2640	S	N	TX, Ss, F, SD, GE	BFY81				05
2N2641	S	N	TX, F, Ss, SD, NS	BFY81	2N2639			05
2N2642	S	N	TX, Ss, ML, NS, SD	BFY81				05
2N2643	S	N	TX, Ss, ML, NS, SD	BFY81	2N2641			05
2N2644	S	N	TX, Ss, F, ML, NS	BFY81	2N2643			05
2N2645	S	N	F, RY, CR, SM, SG	BSX46-18	BSX33	2N1711	2N2219	05
2N2646	U	PN	GE, MO, NU, SM, SS			TIS43		
2N2647	U	PN	GE, MO, SB, TX, UP			2N3980		
2N2648	G	P	CN			2N1377	2N1379	
2N2651	S	N	CN, F, ET, SG, SQ	BSX39		2N2501	2N3554	13

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N2651						EN3014				13
2N2652	S	N	GE, MO, SG, RY, TD	BFY83		2N2060	2N2639			06
2N2652A	S	N	GE, MO, RY, SG, TD	BFY83		2N2060	2N2639			06
2N2654	G	P	PH, TX, AM, PE	(AF201U) AF121	AF201 AF202	2N654				02
2N2654				AF179						02
2N2655	S	N	SM			2N5681				06
2N2657	S	N	SD, F, PI, SZ, UN	BFX34		2N2151	2N4238			16
2N2657						2N5336				16
2N2658	S	N	SD, NS, F, PI, SZ	BFX34	BLY17	2N2151	2N4239			16
2N2658						2N5336				16
2N2659	G	P	TX, KS			2N1038				06
2N2660	G	P	TX, KS			2N1038				06
2N2661	G	P	TX, KS			2N1038				06
2N2662	G	P	TX, KS			2N1038				06
2N2663	G	P	TX, KS			2N1038				06
2N2664	G	P	TX, KS			2N1038				06
2N2665	G	P	TX, KS			2N1038				06
2N2666	G	P	TX, KS			2N1038				06
2N2667	G	P	TX, KS			2N1038				06
2N2668	G	P	SS, TX, KS			2N1038				06
2N2669	G	P	TX, KS			2N1038				06
2N2670	G	P	TX, KS			2N1038				06
2N2671	G	P	AM	AF178		2N2495				06
2N2672	G	P	AM	AF185						06
2N2692	S	N	TX, SM, TD, SQ	BCY59VII	BCY59					13
2N2692				BCY70						13
2N2693	S	N	TX, SM, TD, SQ	BCY59VII	BCY59					13
2N2693				BCY70						13
2N2694	S	N	TX, SM, SQ, TD	BCY59VII	BCY59					13
2N2694				BC108A						13
2N2695	S	P	F, MO, TX, CS, TR	BC328-16	BSX36	2N2907	EN722			10
2N2695				BCY78	BC238					10
2N2696	S	P	F, MO, TX, SM, SQ	BC328-16	BSX36	2N2906	2N2837			10
2N2696				BCY78		2N2907	EN722			10
2N2697	S	N	SD, CN			2N3998				16
2N2698	S	N	SD, CN			2N3998				16
2N2699	G	P	PH			2N964				13
2N2706	G	P	PH, AM, PE	AC151VI	AC151	2N404	2N2431			01
2N2706				AC131	AC126					01
2N2706				AC128	AC132					01
2N2706				AC152						01
2N2707	G	P	AM, PE	AC153	AC124	2N2704				01
2N2707				AC128						01
2N2708	S	N	AM, TI, MO, ET, RY			2N918				02
2N2709	S	P	RY			2N2800	2N2944			01
2N2709						2N2945				01
2N2710	S	N	MO, F, SM, SG	(BSY63)	BSX27	EN3014				13
2N2711	S	N	GE, ID, SP, TT, FR	BC168A	BC238A	MPS2711	T1S98	2SC458		01
2N2711						2N5135	2N3691			01
2N2712	S	N	GE, ID, TT, FR, SP	BC168A	BC238A	MPS2712	T12712	2SC458		01
2N2712						2N5135	2N3692			01
2N2713	S	N	GE, FR, SP, ML, TT	BC168A	BC238	MPS2713	T1S98	2SC458		01
2N2713						2N5153	2N4275			01
2N2714	S	N	GE, FR, ML, TT, SP	BC168A	BSX38	2N708	MPS2714	2SC458		01
2N2714										01
2N2714				BC238A		T1S98	2N5135			01
2N2715	S	N	ID, TT	BC168A	BC238A	MPS2715	T1S98	2SC458		01
2N2716	S	N	ID, TT	BC168A	BC238A	MPS2716		2SC458		01
2N2717	G	P	PE	ASZ21		2N2635				13
2N2720	S	N	SD, TI, MO, IL, SQ			2N2060	2N2639			05
2N2721	S	N	SD, IL, SQ, TI, MO			2N2060	2N2639			05
2N2721						2N2840				05
2N2722	S	N	SD, TI, MC, TD, F			2N2916	2N2639			05
2N2726	S	N	GE, SQ, TR, SZ, St			2N3440				03
2N2729	S	N	F, SM, TD, TI, LI	(BFX89)	BFX73	2N3563				02
2N2730	G	P	NP, SD			MP506				16
2N2731	G	P	NP, SD			MP505				16
2N2732	G	P	SD, NP			MP504				16
2N2733	G	P	SD			MP506				16
2N2734	G	P	SD			MP505				16
2N2735	G	P	SD			MP504				16
2N2736	G	P	SD			MP506				16
2N2737	G	P	SD			MP505				16
2N2738	G	P	SD			MP504				16
2N2784	S	N	SM, TR, SQ			2N2369A	2N3010			13

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N2786	G	P	SM	AFY18	AF139					02
2N2787	S	N	GI, SM, SQ, ET			2N2218				13
2N2788	S	N	GI, MO, SQ, ET, SM			2N2218A				13
2N2789	S	N	GI, MO, SQ, ET, SM			2N2219A				13
2N2790	S	N	GI, SQ, SM			2N2218				13
2N2791	S	N	GI, MO, SQ, ET, SM			2N2221A				13
2N2792	S	N	GI, MO, SQ, ET, SM			2N2222A				13
2N2795	G	P	SP, ID			2N2635				13
2N2796	G	P	SP, ID			2N2635				13
2N2797	G	P	SP			2N2635				13
2N2798	G	P	SP			2N2635				13
2N2799	G	P	SP			2N2635				13
2N2800	S	P	IT, TX, MO, F, RY	(BCW80-16)	BFY64	40406	2N1132			13
2N2800				8C160V1		2N2904	2N2905			13
2N2800						EN1132				13
2N2801	S	P	IT, TX, MO, F, RY	(BCW80-16)	BFY64	40815	2N1132			13
2N2801				8C160V1		2N3244	2N3644			13
2N2802	S	P	TX, MO, SD, TD, GI			2N3350				05
2N2803	S	P	TX, MO, SD, TD, GI			2N3350				05
2N2804	S	P	TX, MO, SD, TD, GI			2N3350				06
2N2805	S	P	TX, MO, SD, TD, DI			2N3350				05
2N2806	S	P	TS, MO, SD, TD, GI			2N3350				05
2N2807	S	P	TX, MO, SD, TD, GI			2N3350				06
2N2811	S	N	F, PI, UN, KE, PP			2N3487	2N4301			06
2N2812	S	N	SD, F, PI, UN, KE			2N3488	2N4301			06
2N2813	S	N	SD, F, PI, UN, KE			2N3489	2N4301			06
2N2814	S	N	SD, F, PI, UN, KE			2N3490	2N4301			06
2N2815	S	N	SZ, SU, ET, Ss, KE			2N4002				16
2N2816	S	N	SZ, SU, ET, Ss, KE			2N3846				16
2N2817	S	N	SZ, SU, ET, ML, SM			2N3846				16
2N2818	S	N	SZ, ET, SU, ML, SM			2N3846				16
2N2819	S	N	SZ, KE, PT, Sq, Ss			2N3846				16
2N2820	S	N	SZ, KE, PT, SU, SQ			2N3846				16
2N2821	S	N	SZ, KE, PT, SU, SQ			2N3846				16
2N2822	S	N	SZ, KE, PT, SU, SQ			2N3846				16
2N2823	S	N	SZ, KE, PT, SU, SQ			2N3846				16
2N2824	S	N	SZ, KE, PT, SU, SQ			2N3846				16
2N2825	S	N	SZ, KE, PT, SU, SQ			2N3846				16
2N2832	G	P	MO			2N1907	2N1908			16
2N2835	G	P	PE	AD148	AD139	2N1038	2N2654			01
2N2835				AD149		2N2836				01
2N2836	G	P	PE	AD149	AD148	2N3612				06
2N2837	S	P	MO, TX, GI, RY, CN	(BCW76-16)	BSX36	2N2904	2N2905			13
2N2837						EN722				13
2N2838	S	P	MO, TX, GI, RY, GS	BCW76-16	BSX36	2N2904	2N2905			13
2N2838						EN722				13
2N2840	U	PN	GE			2N489	2N491A			
2N2841	J	P	SX, TI, IL			2N5471	2N5472			
2N2842	J	P	SX, SD, TI, IL			2N5473	SM5539			
2N2843	J	P	SX, SD, TI, IL			2N5475	SM8655			
2N2843						2N5020				
2N2844	J	P	SX, SD, IL			MFE4008	SM8656			
2N2844						2N5021				
2N2845	S	N	F, MO, TX, ET, SM	(BSX49)		2N2539	2N2537			10
2N2845						2N3015				10
2N2846	S	N	TX, SG, F, MO, SM	(BSY34)	BSX30	2N697	2N2537			10
2N2846						2N3015				10
2N2847	S	N	F, MO, TX, SM, SQ	(BSX49)		2N2539	2N2537			10
2N2847						2N3015				10
2N2848	S	N	TX, SG, F, MO, HS	BSY34	BSX30	2N697	2N2538			10
2N2848						2N2537	2N3015			10
2N2849	S	N	UN, SM, TW, GS, SQ			2N5337				13
2N2850	S	N	UN, SM, TW, SQ, GS			2N3421	2N5336			13
2N2851	S	N	UN, SM, TW, GS, SQ			2N3421	2N5336			13
2N2852	S	N	UN, SM, TW, GS, SQ			2N3419	2N5335			13
2N2853	S	N	UN, SM, TW, GS, SQ			2N3418	2N5336			13
2N2854	S	N	UN, SM, TW, GS, SQ			2N5336				13
2N2855	S	N	UN, SM, TW, GS, SQ			2N3420	2N5336			13
2N2856	S	N	UN, SM, TW, GS, SQ			2N3418	2N5334			13
2N2857	S	N	F, MO, RC, AM, FR	(BFY90)	BFX62	2N918	SE3005	25C463		02
2N2858	S	N	SZ, SM, SF, SU, TR			2N5335				16
2N2859	S	N	SZ, SM, SF, SU, TR			2N5338				16
2N2860	G	P	SY			2N764				13
2N2863	S	N	TX, SQ, TD, TR	BFY51		2N5321				02
2N2864	S	N	TX, SQ, TR, TD	BFY51		2N3053				02

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N2865	S	N	ET, TX, CS, RY, TI	(BFX89)	BSY62			2SC321		02
2N2865				BSY70	BF180					02
2N2868	S	N	IT, TX, F, CS, RY	BSX45-6	BFY56	2N3053	2N4231			13
2N2868				BSX45	BSX22	2N2243A	2N3052			13
2N2868						2N3252				13
2N2869	G	P	RC, KS, SD, ET	AUY211V	AD131111	MP2050	2N3614	2S8471		06
2N2869				AD138/50	AD149					06
2N2869				AD131						06
2N2870	G	P	RC, KS, SD, ET	AUY221V	AUY2111	MP2016	2N3617	2S8340		06
2N2870				AUY28	ASZ18					06
2N2870				AUY22						06
2N2873	G	P	RC			2N2997				02
2N2875	S	P	TR, SQ			2N3418				03
2N2875	S	N	RC, KE, SD, FR, SM			2N3632				02
2N2876	S	N	SD, GS, PI, SZ, SM			2N3998				03
2N2877	S	N	SD, PI, GS, NS, PP			2N3998				03
2N2879	S	N	SD, PP, SZ, GS, PI			2N3998				03
2N2880	S	N	SD, PI, TX, GS, NS			2N3998				03
2N2881	S	P	SZ, CR, SM, TR, SQ			2N3740	2N4235			06
2N2881						2N5333				06
2N2882	S	P	SZ, SM, TR, CR, SQ			2N3741	2N4236			06
2N2882						2N5333				06
2N2883	S	N	SM, TD, SQ	BFW17		2N3309	2N3553			03
2N2884	S	N	SM, TD, SQ	BFW17		2N2309	2N3553			03
2N2885	S	N	TR			2N849				13
2N2886	S	N	TW			2N696	2N697			01
2N2890	S	N	F, NS, UN, GS, SM	(8SX63-6)	BSX47XVI	2N3421	2N3507			06
2N2890				BSW66	BDY12	2N5335				06
2N2891	S	N	F, NS, UN, GS, SM	(8SX63-10)	BSX47X	2N3421	2N3507			16
2N2891				BD140	BDY12	2N5335				16
2N2892	S	N	F, UN, GS, SM, SQ			2N3998				16
2N2894	S	P	F, IT, MO, PE, TX	BSX29	BCY78	2N3248	2N2894A	2N706		10
2N2894A	S	P	F, NS, TX, IT, PE			2N2894A		2N4274		16
2N2895	S	N	MO, RC, SM, TR, TI	(8SX47-6)						10
2N2896	S	N	MO, RC, TI, SM, TR	(8SX47-10)						10
2N2897	S	N	MO, RC, TI, SM, TR	(8SX45-10)						10
2N2901	S	N	TI, MO, RY, FR, F	BFY81		3N74				12
2N2903	S	N	TI, MO, RY, FR, F	BFY81		2N2917	2N2639			05
2N2903						2N2640				05
2N2903A	S	N	TI, MO, RY, F, FR	BFY81		2N2915	2N2639			05
2N2904	S	P	TX, MO, EM, F, V	BSW23	BCW80/10	2N4036	2N2905	2N2218		13
2N2904						2N2905				13
2N2904A	S	P	MO, EM, F, NS, SP	BFY64	BC161X	2N2905	2N3645	2N2218A		13
2N2904A				BCW80/10						13
2N2905	S	P	F, MO, TX, V, EM	BCW80-16	BFY64	2N2905		2N2219		13
2N2905				BCW80XVI						13
2N2905A	S	P	F, MO, TX, EM, V	(BCW80-16)	BFY64	2N2905	2N3645	2N4960		13
2N2905A				BC181V	BCW80XVI					13
2N2906	S	P	F, MO, TX, CS, BT	BCW76-10	BSW24	2N2907	EN2927	2N2221		13
2N2906				BCW76X						13
2N2906A	S	P	F, MO, TX, EM, TR	(BCW76-10)	BSX36	2N2907	2N3645	2N2221A		13
2N2906A				BC161X	BCW76X					13
2N2907	S	P	F, MO, TX, MU, SD	(BCW76-16)	BSX36	2N2907		2N2222		13
2N2907				BCW76XVI	BC231					13
2N2907A	S	P	MO, EM, F, IN, MU	BSX38	BC161X	2N2907	2N3649	2N4962		13
2N2907A				BCW76XVI	BCW85					13
2N2908	S	N				2N5069				06
2N2909	S	N	SM, SQ			2N2193A	2N2243A			13
2N2910	S	N	GE, TR, FR, SM, SQ			2N3409	2N2639			05
2N2911	S	N	SZ, SF, PI, SQ, UP			2N3766	2N3421			16
2N2913	S	N	F, GE, MO, SD, TI	BFY81		2N2643				05
2N2914	S	N	F, MO, TX, TI, ME	BFY81		2N2643				05
2N2915	S	N	F, GE, MO, RY, SD	BFW39		2N2920				05
2N2915A	S	N	F, TX, TI, FR, NS	BFY81		2N2920				01
2N2916	S	N	F, MO, SD, RY, TI	BFW40		2N2920				05
2N2918A	S	N	F, TX, TI, RY, FR	BFY81		2N2920				01
2N2917	S	N	F, NS, RY, SD, TX	BFY81		2N2977				05
2N2918	S	N	F, MO, SD, GE, RY	BFY81		2N2977				05
2N2919	S	N	F, GE, MO, ME, NS	BFY81		2N2920				05
2N2919A	S	N	F, TX, TI, ES, NS	BFY81	BFW39A	2N2920				01
2N2920	S	N	F, ME, NS, RY, SD	BFY81						05
2N2920A	S	N	F, CN, TI, TX, IL	BFW40A		2N2920				01
2N2921	S	N	SE, Ss, NU, UP, ML	BC187A	BC237	MPS6565	TIS98			01
2N2921				BC182	BC207					01
2N2921				BC168A	BC298					01

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
2N2921				BC107B				01
2N2922	S	N	SE, Ss, NU, ML	BC167A	BC238	MPS6512	TIS98	01
2N2922				BC183	BC209			01
2N2922				BC168A	BC172			01
2N2923	S	N	GE, NU, SP, TT, ID	BC167A	BC168A	MPS2923	TIS98	01
2N2923				BC183A	BC172	2N5153		01
2N2923				BC183	BC238			01
2N2924	S	N	GE, NU, SP, Ss, ID	BC167B	BC168A	MPS2924	TIS98	01
2N2924				BC172	BC183	2N5153	2N3566	01
2N2924				BC238C				01
2N2925	S	N	GE, SP, NU, ES, FR	BC167B	BC168B	MPS2925	TIS98	01
2N2925				BC172	BC183	2N5153		01
2N2926	S	N	GE, Ss, SP, ID, TT	BC167A	BC109	MPS2926	TIS98	01
2N2926br	S	N	GE	BC167A	BC168A			01
2N2926gn	S	N	GE	BC167B	BC168B			01
2N2926or	S	N	GE	BC167A	BC168A			01
2N2926r	S	N	GE	BC167A	BC168A			01
2N2926ye	S	N	GE	BC167B	BC168A			01
2N2927	S	P	MO, F, SG, TR, ET	(BCW79-16)	BFY64	2N3638		01
2N2929	G	P	MO			2N1141		02
2N2930	G	P	ET			2N3427		01
2N2937	S	N	IL, RY			2N2639		01
2N2940	S	N	ET, TR, SQ	BC160	BCY12	2N1132	MPS2940	03
2N2942	G	P	SP			2N2635		13
2N2943	G	P	SP			2N2635		13
2N2944	S	P	CR, MO, TR, RY, SP	BC178VI		2N2945		12
2N2944A	S	P	TX, CR, TR, RY, TD			2N2945		12
2N2945	S	P	CR, MO, TR, RY, SP	BC178VI				12
2N2946	S	P	CR, MO, TR, RY, SP			2N3964		12
2N2947	S	N	MO, SM, SQ, KE	(BU310)				08
2N2948	S	N	MO, SM, SQ, KE	(BU310)				06
2N2951	S	N	MO, TX, ET, HS, SM	(BSY34)		41502		08
2N2952	S	N	TX, MO, ET, SM, SQ	(BSX49)				06
2N2953	G	P	RC	AC153	AC171R	2N1194	2N2431	01
2N2953				AC128				01
2N2954	S	N				2N918		13
2N2955	G	P	MO, SQ			2N2635		13
2N2956	G	P	MO, SQ	ASY48		2N2635		13
2N2957	G	P	MO, SQ			2N2635		13
2N2958	S	N	MO, TX, SP, FR, HS	(BSY34)		2N687	2N2217	13
2N2958						2N2219	2N3641	13
2N2959	S	N	MO, TX, SP, ET, F	(BSY34)		2N1711	2N697	13
2N2959						EN1711		13
2N2966	G	P				2N3283	2N2997	02
2N2968	S	P	SP, ID, SQ, FR, SM			2N2944	2N2945	10
2N2969	S	P	SP, ID, SQ, FR, SM			2N2944	2N2945	10
2N2970	S	P	SP, ID, SQ, FR, SM			2N2944	2N2945	10
2N2971	S	P	SP, SM, SQ, ID			2N2944	2N2945	10
2N2972	S	N	F, MO, RY, TX, TI	BFY61		2N2977		05
2N2973	S	N	F, MO, RY, TX, TI	BFY81		2N2977		06
2N2974	S	N	F, MO, RY, TX, TI	BFW51		2N2973		05
2N2975	S	N	F, MO, RY, TX, TI	BFW52		2N2977		05
2N2976	S	N	F, MO, RY, TX, TI	BFY81		2N2977		05
2N2977	S	N	F, MO, RY, TX, TI	BFY81				05
2N2978	S	N	F, ME, MO, RY, TX	BFY81		2N2979		06
2N2979	S	N	F, ME, MO, RY, TX	BFY81				05
2N2980	S	N	F, ME, SQ, TI, GI	BFY83		2N2060A		05
2N2981	S	N	F, ME, SM, SQ, GI	BFY83		2N2223		05
2N2982	S	N	F, ME, SM, SQ, GI	BFY83		2N2223A		05
2N2983	S	N	GS, TR, KE, SQ			2N5335		06
2N2984	S	N	GS, SM, TR, KE, SQ			2N5682		06
2N2985	S	N	GS, SM, TR, KE, SQ			2N5638		06
2N2986	S	N	GS, SM, TR, KE, SQ			2N5682		06
2N2987	S	N	TX, PP, SD, TR, UN	BSX47-8		2N5335		06
2N2988	S	N	TX, PP, SQ, UN, GS			2N5681		06
2N2989	S	N	TX, PP, SD, TR, GS	BSX47-6		2N5681		06
2N2990	S	N	TX, PP, SQ, UN, GS			2N5681		06
2N2991	S	N	TX, SQ, UN, SM, TR	(BSX47-6)				08
2N2993	S	N	TX, SQ, UN, SM, TR	(BSX47-6)				06
2N2996	G	P	TX, MO			2N3283		02
2N2997	G	P	TX, MO			2N3279		02
2N2998	G	P	MO, TX			2N3284		02
2N2999	G	P	TX			2N3283		02
2N3009	S	N	F, MO, TX, CN, SM	BSY63	BSX39	2N3511	EN3009	13
2N3009				BSY18	BSY21		2SC32	13

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N3009				BSX20						13
2N3010	S	N	F, MO, RY, TX, SG	BSX27	BSY18	2N2369A				13
2N3010				BSY21	BSX19					13
2N3011	S	N	F, MO, TX, ET, RY	(BSY62)	BSX28	2N2369	EN3011			13
2N3011				BSY63	BSY19					13
2N3011				BSX20	BSY62B					13
2N3011				BSS12						13
2N3012	S	P	F, MO, RY, TX, IT	BSX29	BC178VI	2N4313				13
2N3013	S	N	F, IT, MO, NS, SG	BSX26	BSX48	2N3511	EN3013		2N5455	13
2N3013				BSX20	BSX19					13
2N3013				BSY21	BSY63					13
2N3014	S	N	F, MO, TX, IT, UP	(BSY63)	BSX26	2N3511	EN3014		2N5456	13
2N3014				BSX48	BSX20					13
2N3015	S	N	F, MO, TX, ET, ID	BSX30	BSY34	2N2218	2N2537			13
2N3016	S	N	SD, PP, SQ, CN, SM			2N5337				03
2N3019	S	N	F, MO, TX, RY, ET	BSX47-10	BFY56	2N2243A	SE6021			02
2N3020	S	N	MO, SG, F, TX, RY	BSX47-6	BFY56	2N1893	2N1893		2N4031	02
2N3020						2N2243A	SE6023		2N4033	02
2N3021	S	P	MO, SD, SS, TR, SM	(BDX27-6)		2N4901	2N5384			14
2N3022	S	P	MO, TX, SD, SS, TR	(BDX27-6)		2N5384				14
2N3023	S	P	MO, SD, SS, TR, SM	(BDX28-6)		2N4902	2N5384			14
2N3024	S	P	MO, TX, SQ, TR, MU	BDX27-10		2N4904	2N5384			14
2N3025	S	P	MO, TX, SD, SS, TR	(BDX27-10)		2N5384				14
2N3026	S	P	MO, TX, SM, SQ, TR	(BDX28-10)		2N4905	2N5384			14
2N3033	S	N	SM	BF177						04
2N3034	S	N	SM	BF177						04
2N3035	S	N	SM	BC107A						04
2N3036	S	N	TX, RY, SQ, TR, CA	BSX47-10	BFY45	2N3019	2N5320			01
2N3036				BFY80	BSX21					01
2N3037	S	N	TX			2N1893			2N3039	01
2N3038	S	N	TX			2N1893				01
2N3043	S	N	TX, F, MO, SG, RY			2N2916			2N3040	05
2N3044	S	N	TX, MO, F, RY, SG			2N2918				05
2N3045	S	N	TX, MO, SG, F, RY			2N2914				01
2N3046	S	N	TX, MO, SG, F, RY			2N2915				05
2N3047	S	N	F, TX, MO, SG, RY			2N2917				05
2N3048	S	N	TX, MO, SG, RY, F			2N2913				01
2N3053	S	N	F, MO, RC, TX, ET	BSX45-16	BSX45	2N2243A	2N3498			13
2N3054	S	N	F, RC, RA, W, Ss	BD131	BUY46					06
2N3054				BDY13						06
2N3054A	S	N	MO			2N3054			2N6049	06
2N3054S	S	N	S			2N3054				
2N3055	S	N	F, RC, ET, RA, SR	BDY20	BDY39	2N3713				
2N3055				BDX10						
2N3055U	S	N	AT			2N4347				
2N3055V	S	N	AT			(2N3055)				
2N3056	S	N	F, TX, RY, CA, IT	BSX46-6	BSX33	2N2243	2N2243A			02
2N3056						EN870				02
2N3056A	S	N	F, TX, RY, SM, TD	BSX47-6	BSX33	2N2243A	EN870			02
2N3057	S	N	F, TX, RY, CA, IT	BSX46-16	BSX33	2N2243	2N2243A			02
2N3057						2N4946				02
2N3057A	S	N	F, TX, RY, SM, TD	BSX47-10	BSX33	2N2243A	SE6023			02
2N3058	S	P	RY, CR, SP, FR, ID			2N2944	2N2945			01
2N3059	S	P	CR, FR, RY, SP, ID			2N2944	2N2945			01
2N3060	S	P	CR, RY, SP, TD, SD	BSV16	BCY11	2N2944	2N2945			01
2N3061	S	P	CR, SP, RY, FR, TD			2N2944	2N2945			01
2N3062	S	P	CR, SQ, TR, RY, TD			2N2944	2N2945			01
2N3063	S	P	CR, SQ, TR, RY, TD			2N2944	2N2945			01
2N3064	S	P	CR, SQ, TR, RY, TD			2N2944	2N2945			01
2N3065	S	P	CR, SQ, TR, RY, TD			2N2944	2N2945			01
2N3066	J	N	BT, NU, IL, SX, ES			2N3365	2N3437			
2N3067	J	N	TI, IL, SX, NU, BT			2N3366	2N3438			
2N3068	J	N	TI, NU, SD, IL, SX			2N3367	2N3454			
2N3068A	J	N				2N3367				
2N3069	S	N	TI, SX, NS, SD, TX			2N3822	2N3458			
2N3069						TN4341				
2N3070	J	N	TI, SX, NS, SD, IL			2N3821	2N3459			
2N3070						TN4340				
2N3071	J	N	TI, SX, SD, IL, TX			2N3438	2N3460			
2N3071						TN4339				
2N3072	S	P	F, MO, CA, RY, ET	(BCW80-16)	BFY64	2N2904	2N2905			10
2N3072						2N3645				10
2N3073	S	P	F, MO, IT, CA, RY	(BCW76-18)	BFY64	2N2906	2N2907			10
2N3073						2N3645				10
2N3074	G	P	PE	AF106	AF109			ZSA230		02

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N3074	G	P	PH, PE	AF 180 (AF200J)	AF 200			2SA280		02
2N3075				AF 181	AF 121					02
2N3075	S	N	PE, SQ, TR, SM			2N2484				01
2N3077	S	N	DD, SU			2N3846				16
2N3079	S	N	DD, SU			2N3847				16
2N3080	S	N	DD, SU			3N76	3N73			12
2N3082	S	N	DD, SU			3N74	3N79			12
2N3083	S	N	GE			2N3821	2N3459			12
2N3084	J	N	CR, IL, BT			TN4339				
2N3084	J	N	CR, IL, BT			2N3821	2N3459			
2N3085	J	N	CR, IL, BT			TN4339				
2N3085	J	N	CR, IL, BT			2N3821	2N3459			
2N3086	J	N	CR, IL, BT			2N3070				
2N3086	J	N	CR, IL, BT			2N3821	2N3459			
2N3087	J	N	CR, IL, BT			2N3070				
2N3088	J	N	CR, IL, BT			2N3821	2N3460			
2N3088	J	N	CR, IL, BT			2N3070				
2N3088A	J	N	CR, IL, BT			2N3821	2N3460			
2N3088A	J	N	CR, IL, BT			2N3070				
2N3089	J	N	CR, IL, SX, BT			2N3365	2N3460			
2N3089	J	N	CR, IL, SX, BT			2N3070				
2N3089A	J	N	CR, IL, SX, BT			2N3385	2N3460			
2N3089A	J	N	CR, IL, SX, BT			2N3040				
2N3107	S	N	F, IN, TX, RY, CA	BSX46-16		2N2243	2N2243A		2N4032	10
2N3107	S	N	SG, F, IN, TX, MU	BSX46-6	BFW24	SE6020				10
2N3108	S	N	SG, F, IN, TX, MU	BSX46XVI	BSY46	2N2102	2N1613		2N4036	10
2N3108	S	N	SG, F, IN, TX, MU	BFY44	BSX45	2N3568				10
2N3108	S	N	SG, F, IN, TX, RY	BSX45-16	BFW25	2N1711	2N697			10
2N3109	S	N	SG, F, IN, TX, IT	BSX45-6	BFY56	SE6021				10
2N3110	S	N	SG, F, IN, TX, IT	BFW26	BSX45VI	2N3053	2N2218A		2N4037	10
2N3110	S	N	SG, F, IN, TX, IT	BFY44	BFX45	2N2243A	SE6021			10
2N3112	J	P	SX, ES			2N5471	2N5473			
2N3112	J	P	SX			2N2841				
2N3113	J	P	SX			2N5471	2N5473			
2N3114	S	N	MO, F, TX, SQ, TR	BF257	(BF457)	2N3500	2N5183			02
2N3114	S	N	MO, F, TX, SQ, TR	BFY57	BD115					02
2N3115	S	N	MO, TX, CA, RY, SQ	(BSX49)		2N2221	2N2222			13
2N3115	S	N	MO, TX, CA, RY, SQ	(BSX49)		2N4436				13
2N3116	S	N	MO, TX, ET, HS, SM			2N2221	2N2222			16
2N3116	S	N	MO, TX, ET, HS, SM			2N4437				16
2N3117	S	N	F, TX, SD, TI, TR	(BC414C)	BFY77	2N2484	SE4020			01
2N3117	S	N	F, TX, SD, TI, TR	BSY63	BSY19					01
2N3117	S	N	F, TX, SD, TI, TR	BSX20	BSY21					01
2N3120	S	P	F, MO, CA, IT, RY	(BSW80-16)	BFY64	2N2800	EN1132			10
2N3121	S	P	F, MO, CA, RY, SG	(BCW76-16)	BSX36	2N2837	2N2906			10
2N3121	S	P	F, MO, CA, RY, SG			2N2907	EN722			10
2N3122	S	N	RY, SQ, CA			2N6321				01
2N3125	G	P	KS			2N456A	2N3146			06
2N3126	G	P	KS			2N456A	2N3146			06
2N3132	G	P	IT	ADY26		2N1100	TI3031			16
2N3133	S	P	MO, TX, GI, NS, PH	BCW80-10	BSY15VI	40634	2N2904			13
2N3133	S	P	MO, TX, GI, NS, PH			2N2905	EN1122			13
2N3134	S	P	MO, TX, GI, NS, PH	(BCW80-16)	BFY64	2N4037	2N2905			13
2N3134	S	P	MO, TX, GI, NS, PH			2N3644				13
2N3135	S	P	MO, TX, GI, NS, ET	(BCW76-10)	BSX36	EN722				13
2N3136	S	P	MO, TX, NS, ET, GI	(BCW76-16)						13
2N3137	S	N	F, NU, MO, FR, TI	BSY58		2N2218	2N3014			02
2N3137	S	N	F, NU, MO, FR, TI							02
2N3137	S	N	SM, TR, UT, SQ, TW			2N3564				03
2N3138	S	N	SM, TR, UT, SQ, TW			2N3766				03
2N3146	G	P	TX			2N3816	2N456A			06
2N3147	G	P	TX			2N3616	2N456A			06
2N3153	S	N	CR			2N2432				12
2N3162	S	N				2N3411				05
2N3167	S	P	SZ, SQ, SM			MJ2267				03
2N3168	S	P	SZ, SQ, SM			2N3789				03
2N3169	S	P	SZ, SQ, SM			2N3790				03
2N3170	S	P	SZ, SQ, SM			2N3790				03
2N3171	S	P	SZ, SM, SQ, MO, SD			2N3789	2N6254			03
2N3171	S	P	SZ, SM, SQ, MO, SD			MJ2264	2N6246			03
2N3171	S	P	SZ, SM, SQ, MO, SD			2N4901				03
2N3172	S	P	SZ, SM, SQ, MO, SD			2N3789	2N6246			03
2N3172	S	P	SZ, SM, SQ, MO, SD			2N4902				03

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
2N3173	S	P	SZ, SM, SQ, MO, SO		2N3790	2N6247		03
2N3173					2N4903			03
2N3174	S	P	SZ, SD, SQ, SM		2N3790	2N6248		03
2N3175	S	P	SZ, SM, SQ, PP		MJ2267	2N5003		03
2N3176	S	P	SZ, SM, SQ, PP		2N3789			03
2N3177	S	P	SZ, SM, SQ, PP		2N3790			03
2N3178	S	P	SZ, SM, SQ, PP		2N3790			03
2N3179	S	P	SZ, SQ, SM		MJ2267			03
2N3180	S	P	SZ, SQ, SM		2N3789			03
2N3181	S	P	SQ, SZ, SM		2N3790			03
2N3182	S	P	SZ, SQ, SM		2N3790			03
2N3183	S	P	SZ, SM, SQ, MO, SO		2N3789	2N6246		03
2N3183					2N4904			03
2N3184	S	P	SZ, SM, SQ, MO, SO		2N3789	2N6246		03
2N3184					2N4905			03
2N3185	S	P	SZ, SM, SQ, MO, SD		2N3790	2N6247		03
2N3185					2N4906			03
2N3186	S	P	SZ, SD, SQ, SM		2N3790	2N6248		03
2N3187	S	P	SZ, SQ, SM		MJ2267			03
2N3188	S	P	SZ, SQ, SM		2N3789			03
2N3189	S	P	SZ, SQ, SM		2N3790			03
2N3190	S	P	SZ, SQ, SM		2N3790			03
2N3192	S	P	SZ, SQ, SM		2N3789			03
2N3193	S	P	SZ, SQ, SM		2N3790			03
2N3194	S	P	SZ, SM, SQ		2N3790			03
2N3195	S	P	SZ, SD, SQ, SM		2N3789	2N6346		03
2N3195					2N4904			03
2N3196	S	P	SZ, SD, SQ, SM		2N3789	2N6246		03
2N3196					2N4905			03
2N3197	S	P	SZ, SD, SQ, SM		2N3790	2N6247		03
2N3197					2N4906			03
2N3198	S	P	SZ, SD, SQ, SM		2N3790	2N6248		03
2N3200	S	P	SZ, SQ, CR		2N3740			03
2N3201	S	P	SZ, SQ, CR		2N3741			03
2N3202	S	P	SZ, SD, TR, CR, SQ		2N5333	2N5783		03
2N3202					2N4234			03
2N3203	S	P	SZ, SM, SQ, TR, CR		2N3740	2N5333		03
2N3203					2N5781	2N4235		03
2N3204	S	P	SZ, SM, SQ, TR, CR		2N3741	2N5333		03
2N3204					2N4236			03
2N3205	S	P	SZ, SM, SQ, CR		2N5333			03
2N3206	S	P	SZ, SM, SQ, CR		2N3740	2N5333		03
2N3207	S	P	SZ, SM, SQ, CR		2N3741	2N5333		03
2N3208	S	P	SZ, SM, TR, CR		2N3740	2N5783		03
2N3208					2N4234			03
2N3209	S	P	F, MO, IT, RY, TX	BSX29	MM2894	2N3576	2N4137	10
2N3209					2N4313			10
2N3211	S	N	MO, SQ, SM	(BSY63)				13
2N3217	S	P	CR, SP, RY, ID, TD		2N2944	2N2945		12
2N3218	S	P	CR, ID, SP, TD, RY		2N2944	2N2945		12
2N3219	S	P	CR, RY, SP, FR, SQ		2N2944	2N2945		12
2N3220	S	N	SM, TR, SQ		2N3767		2N5219	03
2N3221	S	N	SM, TR, SQ		2N3767			03
2N3222	S	N	SM, TR, SQ		2N3766			03
2N3223	S	N	SM, TR, SQ		2N3766			03
2N3224	S	P	SM, SQ		2N3498	2N2905		02
2N3224					2N5415			02
2N3225	S	P	SM, SQ		2N3498	2N5415		02
2N3226	S	N	SZ, PP, SR, SQ, ET		2N3717	2N4913		06
2N3226					2N6253			06
2N3227	S	N	MO, TX, ES, RY, CA	(BSY63)	2N2369A	2N3011		13
2N3232	S	N	MO, SZ, ET, F, PP		2N5877	2N3055		03
2N3232					2N3715	2N4914		03
2N3233	S	N	SZ, ET, W, F, PP		2N4347	2N3442		03
2N3234	S	N	MO, SZ, W, F, SF		2N3055	2N6262		03
2N3235	S	N	MO, SZ, ET, W, SO		2N3055	2N3715		03
2N3236	S	N	SZ, PP, SF, SQ, W		2N3716	2N6254		03
2N3237	S	N	SZ, SF, SQ, W, SM		2N5302	2N6258		03
2N3237					2N5882			03
2N3238	S	N	SZ, SF, SQ, W, SM		2N3716	2N6258		03
2N3238					2N5882			03
2N3239	S	N	SZ, SF, SQ, SM, SU		2N3716	2N6258		03
2N3239					2N5882			03
2N3240	S	N	SZ, SU, TW, W, SF		2N5631	2N6259		03
2N3241	S	N	RC	(BSX45-10)	2N2222			01

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
2N3241A	S	N	RC	(BSX45-16)	BC140XVI	2N2222		01
2N3241A	S	N	RC	BC140	BSX75			01
2N3242	S	N	RC	(BSX45-16)		2N730	2N2222	01
2N3242A	S	N	RC	(BSX45-16)	BC140X	2N2222	2N730	01
2N3242A	S	N	RC	BSX75				01
2N3244	S	P	MO, TX, RY, SQ, TR	(BSV15-10)		2N5323		13
2N3245	S	P	MO, TX, RY, SQ, TR	(BSV16-6)		2N5323		13
2N3246	S	N	SM, TD, SQ			2N2484		13
2N3247	S	N	TD, UP			2N2484		13
2N3248	S	P	MO, RY, ME, SQ, TR			2N2894		13
2N3249	S	P	MO, ME, RY, SQ, TR			2N2894		13
2N3250	S	P	F, MO, TX, RY, IT	BCY79VII	BFX48	EN3250		13
2N3250A	S	A	F, MO, TX, RY, PE	BCY77VII		2N4121		13
2N3251	S	P	MO, F, IT, RY, TX	BFX48	BCY79VII	2N3250	2N4922	13
2N3251	S	P	MO, F, IT, RY, TX	BC177				13
2N3251A	S	P	F, MO, TX, RY, ES	BCY77VII		2N3250	2N4922	13
2N3252	S	N	F, MO, TX, RY, IT	(BSY34)	BFX17	2N2218	2N3250	13
2N3252	S	N	F, MO, TX, RY, IT	BSY34	BFY51			13
2N3252	S	N	F, MO, TX, RY, IT	BFY55	BSX45			13
2N3253	S	N	F, MO, TX, IT, RY	(BSY34)	BSX32			13
2N3253	S	N	F, MO, TX, IT, RY	BSX45	BSX59			13
2N3253	S	N	F, MO, TX, IT, RY	BSS10	BSX20			13
2N3261	S	N	RC, FE, SQ, AT, SM			2N4002		16
2N3263	S	N	RC, SQ, TX, TW, SM			2N4002		16
2N3264	S	N	RC, SQ, TX, TW, SM			2N4002		16
2N3265	S	N	RC, PI, SM, SQ, TX			2N4002		16
2N3266	S	N	RC, PI, SM, SQ, TX			2N4002		16
2N3268	S	N	SM, TR, TI, SQ			2N337		01
2N3277	J	P	F, IL			2N5474	SF1680	
2N3278	J	P	F, IL			2N2606		
2N3278	J	P	F, IL			2N5475	SMB661	
2N3278	J	P	F, IL			2N2607		
2N3279	G	P	MO	(AFY16)		2N2997		02
2N3280	G	P	MO	(AFY16)		2N2997		02
2N3281	G	P	MO	(AFY16)		2N2996		02
2N3282	G	P	MO	(AFY16)		2N2996		02
2N3283	G	P	MO	(AFY42)		2N2996		02
2N3284	G	P	MO	(AFY42)		2N2996		02
2N3285	G	P	MO	(AFY42)		2N2996		02
2N3286	G	P	MO	(AFY42)		2N2996		02
2N3287	S	N	MO, SM, SQ, ET			2N2944	2N2945	02
2N3288	S	N	MO, SM, SQ, ET			2N2944	2N2945	02
2N3289	S	N	MO, SM, TI, ET, SQ			2N918		02
2N3291	S	N	MO, SM, TI, ET, SQ	(BF255)		2N918		02
2N3292	S	N	MO, SM, TI, ET, SQ	(BF255)		2N697	2N918	02
2N3293	S	N	MO, SM, TI, ET, SQ	(BF255)		2N918		02
2N3294	S	N	MO, SM, TI, ET, SQ	(BF255)		2N918		02
2N3295	S	N	MO, SM, SQ, KE	(BFX55)		2N2217	2N2219	03
2N3299	S	N	F, MO, TX, ET, RY	(BCW77-16)	BFY72	2N2218A	2N2537	13
2N3299	S	N	F, MO, TX, ET, RY			2N3015	2N3641	13
2N3300	S	N	MO, F, ET, BT, FR	(BSW77-16)	BFY72	2N1711	2N2219A	13
2N3300	S	N	MO, F, ET, BT, FR					13
2N3301	S	N	F, MO, F, TX, ET	BSY34	BSX73	2N3643		13
2N3302	S	N	F, MO, TX, ET, RY	(BCW73-16)	BFX94	2N2221A	2N4436	13
2N3303	S	N	F, MO, PE, MU, SG	(BCW73-16)	BFX95	2N2222A	2N4437	13
2N3304	S	P	F, MO, RY, NS, SM	(BSY58)	BSX12			13
2N3304	S	P	F, MO, RY, NS, SM	BSX20		2N3546	2N2894	10
2N3304	S	P	SM, SQ			2N3639		10
2N3305	S	P	SM, SQ			2N2907		01
2N3306	S	P	SM, SQ			2N2907		01
2N3309	S	N	Ss, NU, SQ, ML, SM			2N3309A	2N3553	03
2N3309A	S	N	MO			2N3553		03
2N3317	S	P	SP, FR, RY, UP, CR			2N2944	2N2945	13
2N3318	S	P	SP, FR, UP, CR, ID			2N2944	2N2945	12
2N3319	S	P	SP, FR, RY, UP, CR			2N2944	2N2945	12
2N3320	G	P	FR, UP, ID			2N964		13
2N3321	G	P	FR, ID			2N964		13
2N3326	S	N	CA, IT, SM, TX, UP			2N2218A	2N3567	13
2N3327	S	N	SM, SQ	BFY44				03
2N3328	J	P	TX, SX, IL			2N5475	2N2607	
2N3329	J	P	TX, SX, TI, IL, SD			MFE4009	2N2497	
2N3330	J	P	TX, SX, MO, SD, TI			2N2498		
2N3330J	J	P	TX			JAN2N3330		
2N3331	J	P	TX, SX, TI, SD, IL			MFE4012	2N2499	
2N3332	J	P	TX, IL, TI, SD, ES			2N5267	2N5268	
2N3332	J	P	TX, IL, TI, SD, ES			2N2500		
2N3337	S	N	F, SM, SQ, ET, SG	(BF241)	BFY79	2N3287	2N2883	02

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N3337						2N3688				02
2N3338	S	N	F, SM, SQ, ET, SG	(BF241)	BFY79	2N3289	2N2883			02
2N3338						2N3689				02
2N3339	S	N	F, SM, SQ, ET, SG	(BF241)		2N3288	2N2883			02
2N3339						2N3690				02
2N3341	S	P	SD, SQ, SM			2N2604	2N2605			10
2N3342	S	P	SD, RY, SQ, CR, SM			2N2944	2N2943			10
2N3343	S	P	SD, RY, SQ, CR			2N2944	2N2945			12
2N3344	S	P	SD, RY, SQ, CR			2N2944	2N2945			12
2N3345	S	P	SD, SQ, CR			2N2944	2N2945			12
2N3346	S	P	SD, RY, SQ, CR			2N2944	2N2945			12
2N3347	S	P	TX, TI, F, MO, RY			2N3350				06
2N3348	S	P	TX, F, TI, ML, TD			2N3355				06
2N3349	S	P	TX, TI, S ₁ , ML, NS			2N3350				06
2N3351	S	P	TX, F, TI, SQ, BT			2N3350				06
2N3352	S	P	TX, S ₁ , ML, NS, TI			2N3350				06
2N3365	J	N	TI, SX, SD, TX, BT			2N3459	2N3070			06
2N3366	J	N	TI, SX, IL, BT, SD			2N3460	2N3070			
2N3367	J	N	TI, IL, TX, BT, SX			2N3070				
2N3368	J	N	TI, IL, SD, TX, BT			2N3436	2N3458			
2N3368						2N4221				
2N3369	J	N	TI, IL, SD, TX, BT			2N3437	2N3460			
2N3369						2N4220A				
2N3370	J	N	TI, IL, SD, TX, BT			2N3438	2N3460			
2N3370						2N3070				
2N3375	S	N	F, MO, RC, SV, TI	BLY22	BCY22					03
2N3375				BLY59						03
2N3376	J	P	SX, IL, TI, ES			2N3330	2N3329			
2N3377	J	P	SX			2N3330	2N3376			
2N3378	J	P	SX, IL			SM8648	2N3330			
2N3379	J	P	SX			2N3330	2N3378			
2N3380	J	P	SX, SD, IL			2N3909A	2N3331			
2N3381	J	P	SX			2N3909A	2N3380			
2N3382	J	P	SX, IL			2N3994	SM8650			
2N3382						2N2609				
2N3383	J	P	SX			2N3994	2N3382			
2N3384	J	P	SX, IL			2N3993	SM8651			
2N3384						TP5115				
2N3385	J	P	SX			2N3993	2N3384			
2N3386	J	P	SX, IL			2N3993	SM8652			
2N3386						2N5018				
2N3387	J	P	SX			2N3993				
2N3390	S	N	GE, ML, S, S ₁	BC168C	BC168	MPS6521	TIS98			01
2N3390				BC130C	BC108C	2N5961	2N6002			01
2N3390				BC173C	BC183C					01
2N3391	S	N	GE, SP, CN, S ₁ , NS	BC168B	BC173	MPS6515	TIS98			01
2N3391				BC183	BC238	2N5961	2N3565			01
2N3391				BC238B						01
2N3391A	S	N	GE, S ₁ , SP, FR, NS	BC169B	BC148B	MPS6520	TIS98			01
2N3391A				BC238B	BC108	2N4401	SE6002			01
2N3391A										01
2N3392	S	N	GE, S ₁ , ID, SP, S	BC173	BC184	MPS3392	TIS98			01
2N3392				BC168B	BC168A	SE6002		Z5C458		01
2N3392				BC130A	BC238					01
2N3392				BC109	BC172					01
2N3392				BC183						01
2N3393	S	N	GE, S ₁ , ID, SP, TR	BC167A	BC130A	MPS3393	TIS98	25C458		01
2N3393				BC108	BC172	SE6002				01
2N3393				BC183	BC238					01
2N3394	S	N	GE, S ₁ , ID, SP, TR	BC168A	BC130A	MPS3394	TIS98	25C458		01
2N3394				BC108	BC208	2N4401	2N3566			01
2N3394										01
2N3394	S	N	GE, S ₁ , ID, SP, NS	BC172	BC238	MPS3395	TIS98	25C458		01
2N3395				BC168A	BC130	SE6002				01
2N3395				BC108	BC168B					01
2N3395				BC168C	BC172					01
2N3395ye	S	N	GE	BC168B						01
2N3395w	S	N	GE	BC168B						01
2N3396	S	N	GE, S ₁ , NS, SP, TR	BC168B	BC168A	MPS3396	TIS98	Z5C458		01
2N3396				BC130	BC168C	2N4401	SE6002			01
2N3396				BC108	BC183					01
2N3396or	S	N	GE	BC168A						01
2N3396gn	S	N	GE	BC168B						01
2N3396w	S	N	GE	BC168B						01
2N3397	S	N	GE, S ₁ , ID, SP, S	BC168A	BC130	MPS3397	TIS98	Z5C458		01
2N3397				BC108	BC168B	2N4400	2N5153			01
2N3397				BC168C	BC183					01

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE	
2N3397r	S	N	GE	BC168A					
2N3397or	S	N	GE	BC168A					
2N3397ye	S	N	GE	BC168B					
2N3397w	S	N	GE	BC168B					
2N3398	S	N	GE, Ss, ID, NS, SP	BC168A	BC130	MPS3398	TIS98	25C458	01
2N3398				BC108	BC168B	2N4400	2N5135		01
2N3398r	S	N	GE	BC158C					01
2N3398or	S	N	GE	BC168A					
2N3398ye	S	N	GE	BC168A					
2N3398w	S	N	GE	BC168B					
2N3398bl	S	N	GE	BC168C					
2N3399	G	P	AM, PE, NU	AF139		2N2996			02
2N3401	S	P	CR, SD, RY			2N2944	2N2945		12
2N3402	S	N	GE, Ss, NU, SP, CN	(BC337-16)	BC108	2N5449	MPS6513	25C458	01
2N3402				BC338	BC183	2N4401	SE6002		01
2N3403	S	N	GE, NU, SP, CN, FR	(BC337-25)	BC108	2N5449	MPS6513	25C458	01
2N3403				BC338	BC172	2N4401	SE6002		01
2N3403				BC183					01
2N3404	S	N	GE, Ss, ID, NU, SP	(BC337-16)	BC337	2449	MPSA05		01
2N3404						MPSA06	2N5856		01
2N3405	S	N	GE, Ss, ID, NU, SP	(BC337-25)	BC337	2N2449	2N5856		01
2N3405						MPSA05	MPSA06		01
2N3409	S	N	MO, SG, SO, GI			2N2639			05
2N3410	S	N	MO, GI, SO, F, SG			2N2639			05
2N3411	S	N	MO, GI, SO, F, SG			2N2639			05
2N3412	G	P	TX, CN, ET			2N5320			01
2N3414	S	N	GE, FR, NU, SP, NS	(BC337-16)	BC338	MPS6513	2N5449		01
2N3414						2N4401	2N3566		01
2N3415	S	N	GE, NS, NU, SP, Ss	(BC337-25)	BC338	MPS6515	2N5449		01
2N3415						2N4401	2N3566		01
2N3416	S	N	GE, Ss, NU, SP, ML	(BC337-16)	BC141	2N5449	MPS6515		01
2N3416				BC107A	BC337	MPSA05	SE6020		01
2N3416				BC182					01
2N3417	S	N	GE, Ss, SP, NU, TR	(BC337-25)	BC337	MPS6515	2N5449		01
2N3417						MPSA05	SE6020		01
2N3418	S	N	TX, FR, SM, SO, TW	(BSX63-6)		2N5320	2N5334		16
2N3419	S	N	TX, GS, SD, UN, CN	(BSX63-6)		2N5335			16
2N3420	S	N	TX, ES, SM, SO, UN	(BSX63-10)		2N5336			16
2N3421	S	N	TX, SM, UN, GS, TW	BSX63-10		2N5336			16
2N3423	S	N	F, ME, TI, MO, RY	BFY84		2N2639			05
2N3424	S	N	F, ME, TI, MO, RY	BFY84		2N2639			05
2N3425	S	N	F, RY, SG, MO			2N3014			03
2N3426	S	N	F, PE, SG, SO, MU	(BSY58)	BSX12	2N3303	2N3426		13
2N3427	G	P	MO, SR, IC	(ASY48V1)		2N1377			01
2N3428	G	P	MO, SR, IC	(ASY48V1)		2N1377			01
2N3429	S	N	W, SZ, KE			2N3713			16
2N3430	S	N	W, SM, SZ, KE			2N3714			16
2N3436	J	N	TI, SX, SD, BT, NS			2N3458	2N4222A		
2N3437	J	N	TI, SX, SD, BT, NS			2N3459	2N4220A		
2N3438	J	N	TI, SX, SD, BT, NS			2N3460	2N4220A		02
2N3439	S	N	RC, FE, SO, MO, F			MJ3201	2N5058		06
2N3440	S	N	RC, FE, SO, F, MO			MJ3202			02
2N3441	S	N	RC, FE, Ss, F, NU	BUY14		2N3442	2N3738		06
2N3442	S	N	AT, MQ, RC, S, AM	BUY12	BDX11	2N5631	MJ3010		06
2N3444	S	N	TX, IT, MO, SG, SE	BSY34	8FX17	2N5321			13
2N3444				BSX61					13
2N3445	S	N	MO, SM, SO, F, SF	BUY57		2N5877	2N6471		06
2N3445						2N3715			06
2N3446	S	N	MO, SM, TR, F, SQ	BUY57		2N5878	2N6472		06
2N3446						2N3714			06
2N3447	S	N	MO, SM, SO, F, SF	BUY57	8DY61	2N5877	2N6471		06
2N3447						2N3715			06
2N3448	S	N	MO, SM, SO, TR, F	BUY57		2N5878	2N6472		06
2N3448						2N3716			06
2N3450	S	N	RY	BFY60					13
2N3452	J	N	TI, IL, TX, BT, SX			MFE2095	2N3821		
2N3453	J	N	TI, IL, BT, SX, TX			MFW2094	TN4119		
2N3454	J	N	TI, IL, TX, BT, SX			MFE2093	TN4119		
2N3455	J	N	TX, TI, IL, BT, SX			MFE2095	2N3821		
2N3456	J	N	TI, IL, TX, BT, SX			MFE2094	2N3821		
2N3457	J	N	TI, IL, SD, SX, BT			MFE2093	TN4119		
2N3458	J	N	TI, SX, TX, SD, NS			2N3436	2N4222A		
2N3459	J	N	TI, SX, TX, SD, NS			2N3437	2N4220A		
2N3460	J	N	TI, SX, TX, SD, BT			2N3438	2N4220A		

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
2N3464	S	N	M, SQ, SM, TW		2N3053			03
2N3465	J	N	CR		2N4220A			
2N3466	J	N	CR, ES		2N4220A			
2N3467	S	P	F, MO, TX, TI, ES	(BSV15-10)			2N3724	13
2N3468	S	P	F, MO, TX, IT, ES	(BSV16-6)			2N3725	13
2N3469	S	N	SD, KE, PP, SQ, TW		2N5337			03
2N3478	S	N	RC, SQ, SM	(BFX89)				02
2N3485	S	P	F, MO, TX, RY, TI	(BCW76-16)			2N5581	13
2N3485A	S	P	F, MO, TX, SM, TI	(BCW76-16)				13
2N3486	S	P	F, MO, TX, TI, RY	BCW76-16			2N5582	13
2N3486A	S	P	F, MO, TX, RY, SM	(BCW76-16)				13
2N3494	S	P	MO, F, RY, TX, TR		2N2605			02
2N3495	S	P	MO, SM, F, TX, HS		2N2605			02
2N3496	S	P	MO, F, TX, RY, ET		2N2605			02
2N3497	S	P	MO, RY, TX, F, SQ		2N2605			02
2N3498	S	N	MO, F, IO, SQ, TR	(BF457)	2N697	2N698		02
2N3499	S	N	MO, HS, SQ, TR, SM	(BF457)	2N5058			02
2N3500	S	N	MO, F, SM, TR, ES	(BF457)	2N2243A			02
2N3501	S	N	MO, F, SM, TR, TI	(BF457)	2N2243A			02
2N3502	S	P	F, TX, NS, RY, SG	(BCW80-16)	2N2905	EN3502	2N2219A	13
2N3502				BC161				13
2N3503	S	P	F, TX, NS, SM, SG	(BCW80-16)	2N2905A	2N2905	2N3107	13
2N3503				BC161	2N3695			13
2N3504	S	P	F, TX, NS, IT, SQ	(BCW76-16)	BSX36	EN3504	2N2222A	13
2N3504				BC161XVI	BC161			13
2N3505	S	P	F, TX, NS, SM, TR	(BCW76-16)	BSX36	2N2907A	2N871	13
2N3505				BC161XVI	BC161	EN3504		13
2N3506	S	N	MO, HS, SD, TR, TI	(BSX62-10)	2N5337	2N2989		13
2N3507	S	N	MO, HS, TR, TI, ES	(BSX63-10)	2N5336	2N2989		13
2N3508	S	N	MO, SQ, SM	(BSY63)				13
2N3509	S	N	MO, SQ, SM	(BSY63)				13
2N3510	S	N	MO, F, IT, SQ, CN	(BSY63)	BSX26	EN3009	2N5455	13
2N3511	S	N	MO, F, IT, SQ, CN	(BSY63)	BSX26	EN3009	2N5455	13
2N3512	S	N	RC, ET, MO, FE, SQ		2N2537	2N3015		13
2N3513	S	N	GE, F		2N2480A	2N2639		06
2N3513					2N2640			06
2N3516	S	N	GE, F		2N2639			05
2N3518	S	N	F, MO		2N3046			05
2N3520	S	N	SG		2N3043			06
2N3521	S	N	GE, SG		2N2643	2N3043		06
2N3522	S	N	GE		2N2643			06
2N3524	S	N	F, SG		2N2639	2N2640		05
2N3526	S	N	SM, TT, SG	BFY57	2N5182			02
2N3527	S	P	CR, SM		2N2944	2N2945		01
2N3543	S	N	KE, SQ, TW, SM	BDY61				03
2N3544	S	N	MO, SQ, SM		2N918			02
2N3546	S	P	MO, NS, SM, TD, ID		2N2894	2N3576	2N914	13
2N3549	S	P	NS, SM, TD, ME, SQ		2N2604	2N2605		01
2N3550	S	P	NS, SQ		2N2944	2N2945		01
2N3553	S	N	RC, MO, SV, TF, V	BFY99	BFW47			03
2N3554	S	N	TX, SM, TR, RY, SQ	BSY34	BSX60			13
2N3563	S	N	F, TI, ET, ME, GI	(BFX89)	PN3563-18	TIS62		02
2N3564	S	N	F, TI, GI, ME, NS	(BFX89)				02
2N3565	S	N	F, CS, TI, GI, ME	(BC4138)	BC238	PN35-18	MPS6514	2SC485
2N3565				BC172	BC208	TIS98		01
2N3565				BC183				01
2N3566	S	N	F, TI, CS, NU, UP	(BC237B)				01
2N3566					PN3566-5	MPS6514	2N3638A	01
2N3567	S	N	F, CS, TI, UP, BT	BSX45-6	PN3567-5	MPS6530	2N4354	01
2N3568	S	N	F, CS, TI, RY, SS	BSX46-6	PN3568-5			01
2N3569	S	N	F, CS, TI, UP, NP	BSX45-16	PN3569-5	MPS6531	2N4355	01
2N3570	S	N	TX, FE, ML, S ₁ , KM	(BFY90)	BFY89			02
2N3571	S	N	TX, FE, ML, S ₁ , KM	(BFY90)		2N3570		02
2N3572	S	N	TX, FE, ML, S ₁ , KM	(BFY90)	BFX89	2N3570		02
2N3573	J	P	TX, TI		2N5471	2N5472		
2N3573					2N2841			
2N3574	J	P	TX, TI, IL		2N5472	2N5474		
2N3574					2N2842			
2N3575	J	P	TX, TI, IL		2N5474	2N5475		
2N3575					2N2607			
2N3578	J	P	SX, IL, ES		2N3330	2N2608		
2N3579	S	P	SD, SQ, SM		2N2804	2N2605		02
2N3580	S	P	SD, SQ, SM		2N2605			02
2N3581	S	P	SD, SQ, SM		2N2605			02
2N3582	S	P	SD, SQ, SM		2N2605			02

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
2N3583	S	N	RC, TX, IT, FE	BUY77	SE9331	MJ2251		03
2N3584	S	N	RC, TX, IT, UN, FE	(BUY77)				18
2N3585	S	N	RC, TX, IT, UN, FE	(BUY78)	BDY94			16
2N3588	G	P	AM, PE	(AF201U)	2N3767			06
2N3588				AF121	2N2495	2SA239		06
2N3589	S	N	GE, SQ, TR, SM		SE9331			03
2N3597	S	N	SD, PI, F, GX, SQ		2N3767	2N4002		14
2N3597					2N3266			14
2N3598	S	N	SD, F, PI, KE, SM		2N3446	2N4002		14
2N3598					2N3266			14
2N3599	S	N	SD, PI, F, GX, SQ		2N3447	2N4002		14
2N3599					2N3265			14
2N3600	S	N	RC, ET, SM, SQ, AM	(BFY90)	2N918			02
2N3605	S	N	GE, ML, S ₁	(BSY62B)	MPS3646	2N5772		10
2N3605				BSY62	2N4275			10
2N3605A	S	N	GE	BSY63	BSX20	MPS3646	2N5772	10
2N3605A				(BSY62B)	BSY62	2N4275		10
2N3606	S	N	GE, ML, S ₁	(BSY62B)	BSY62	MPS3646	2N5772	10
2N3606					BSX20	2N4275		10
2N3606A	S	N	GE	BSY63	BSX20	MPS3646	2N5772	10
2N3606A								10
2N3606A	S	N	GE, ML, S ₁ , MO	(BSY62B)	BSY62	2N4275	2N5772	10
2N3607	S	N	GE, ML, S ₁ , MO	BSY70	BSX20	MPS3646	2N5772	10
2N3608	M	P	IL, MO			2N4275		10
2N3609	M	P	MO			2N4352	MFE3021	10
2N3610	M	P	MO			2N4352		10
2N3611	G	P	MO, ET, ES, KS, SD	AUY21IV		TI3027		06
2N3612	G	P	MO, ET, ES, PP, CN	AUY21IV				06
2N3613	G	P	MO, ES, KS, SD, ET	(AUY21IV)	AUY21V	TI3027		06
2N3614	G	P	MO, KS, SD, TR, ET	(AUY21IV)	AUY31V	TI3027	TI3028	06
2N3615	G	P	MO, SD, TR, ET, PP	(AUY22IV)	AUY22IV	TI3027		06
2N3615				ASZ16				06
2N3616	G	P	MO, PP, TR, CN, ET	AUY22IV	ASZ15	2N456A	2N3146	06
2N3617	G	P	MO, TR, CN, KS, SD	(AUY22IV)	AUY22V	TI3027	TI3030	06
2N3617				ASZ16				06
2N3618	G	P	MO, CN, KS, SD, ES	(AUY22IV)	AUY22V	2N456A	2N3146	06
2N3631	M	N	SX			2N3797		
2N3632	S	N	MO, RC, MU, PE, SV	BLY23	BLY60			03
2N3634	S	P	MO, ET, SM, TR, ES			FT5415		02
2N3636	S	P	MO, F, SQ, TR, SM			FT5416		02
2N3638	S	P	F, ME, CA, TI, GI	BC328-16	BCW52	MPS3638-5	2N5447	13
2N3638A	S	P	F, CA, CN, ET, ID	BC328-16		MPS3638A-5	2N5447	13
2N3639	S	P	F, ME, RY, UP, BT			PN3639-18	MPS3639	13
2N3639						TI553		13
2N3640	S	P	F, ME, CN, ES, NS			PN3640-18	2N4091	13
2N3640								13
2N3641	S	N	F, CN, TI, ME, NS	(BCW77-16)		MPS3640	TI554	03
2N3641						PN3641-5	MPS6530	03
2N3642	S	N	F, TI, RY, NP, CA	(BCW78-16)	BC337	2N5449		03
2N3642						PN3642-5	MPS6530	03
2N3642						2N5449		03
2N3643	S	N	F, TI, UP, SG, NS	(BCW77-16)		PN3643-5	MPS6531	03
2N3643						2N5449		03
2N3644	S	P	F, CN, IO, NP, RY	(BCW80-16)	BC327	PN3644-5	2N5449	13
2N3645	S	P	F, TI, SG, NS, ME	(BCW80-16)		PN3645-5	2N4142	13
2N3646	S	N	F, TI, CS, SS, NS	(BSY63)		MPS3645-18	MPS3646	13
2N3646								13
2N3647	S	N	F, MO, TX, SG, SQ	(BSY63)	BSX26	2N4422		13
2N3648	S	N	F, MO, SM, SQ, SG	(BSY63)	BSX26	2N3303	EN3009	13
2N3659	S	N	CN, SQ, TR, SM			2N3303	EN3009	13
2N3660	S	P	TR, SD, SQ, SM			2N5058		02
2N3660						2N4234	2N3719	03
2N3661	S	P	TR, SM, SQ, CN, SD			2N4235	2N3720	03
2N3662	S	N	GE, ML, S ₁	(BF198)	BF173	2N5770	2N3563	02
2N3662				BF200				02
2N3663	S	N	GE, ML, S ₁	(BF198)	BF173	2N5770	2N3563	02
2N3665	S	N	IT, TX, F, TR, NS	BSX47-6	BFY56	2N1893	2N2432	10
2N3665								10
2N3666	S	N	F, TX, TR, IT, ME	BSX47-10	BFY56	SE8021		10
2N3667	S	N	SZ, SU, SQ, PP, SD			2N2432	SE6021	16
2N3671	S	P	F, TX, RY, MD, CA	(BCW80-16)	BFY64	2N3715	2N5881	10
2N3672	S	P	IT, RY, F, SM, IT	(BCW78-16)	BSX38	2N2905	2N3644	10
2N3672						2N699	2N2905	10
2N3673	S	P	F, RY, SM, SQ, CS	(BCW78-16)	BSX36	2N3638A		10
2N3675	S	N	SZ, SP, TR, SM, SQ			2N2905	2N3638A	10
2N3676	S	N	SZ, SP, SM			2N4238		16
2N3677	S	P	CR, SQ, TR, MO			2N4239		16
2N3677						2N2944	2N2845	16

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
2N3678	S	N	F, CN, IT, SQ, SM	(BCW78-16)	2N3568			12
2N3681	S	N	RY, SQ, ET		2N3570			02
2N3682	S	N	SM		2N918			02
2N3683	S	N	KM		2N3570			02
2N3684	J	N	SD, IL, NS, TT, NU		2N3622	2N4221A		
2N3684A	J	N	SD, IL		2N3622	2N4221A		
2N3685	J	N	SD, IL, NL, TI, NU		2N3621	2N4220A		
2N3685A	J	N	SD, IL		2N3621	2N4220A		
2N3686	J	N	SX, NU, TI, NS, SD		2N3621	TN4339		
2N3686A	J	N	SD, IL		2N3621	TN4339		
2N3687	J	N	SX, NU, TI, NS, IL		2N3438	TN4338		
2N3687A	J	N	SD, IL		TN4338			
2N3688	S	N	F, CS, NU, SG, CN	(BF241)	2N3689	2N3680		02
2N3689	S	N	F, RY, SG, CS	(BF241)	2N3688			02
2N3690	S	N	F, RY, SG, CS	(BF241)	2N3688	2N3689		02
2N3691	S	N	F, TI, GI, CS, BT	8C237A	MPS6512	T1S98		01
2N3692	S	N	F, TI, GI, NU, SS	8C237A	MPS6513			01
2N3693	S	N	F, CS, ME, TI, SG	(BF241)	2N3694		2N3905	02
2N3694	S	N	F, TI, CS, ME, CN	(BF240)	2N3693		2N4122	02
2N3695	J	P	BT, TI		MFE4009	2N3329		
2N3696	J	P	BT, TI, ES		MFE4009	2N3329		
2N3697	J	P	BT, TI		MFE4007	SFB6361		
2N3697	J	P	BT, TI, ES		2N2607			
2N3698	J	P	BT, TI, ES		2N5473	2N2606		
2N3700	S	N	F, IN, V, TY, SM	(BSX47-10)	SE6021			02
2N3701	S	N	F, IN, V, RY, CN	(BSX47-6)	SE6021			02
2N3702	S	P	GE, TF, TX, SR, V	(BC327-16)	BC257A		2SA565	2N3704
2N3702	S	P	GE, TF, TX, SR, S	(BC327-16)	BC308VI			01
2N3703	S	P	GE, TF, TX, SR, S	(BC327-16)	BC177		2SA565	2N3706
2N3703	S	P	GE, TF, TX, SR, S	(BC327-16)	BC257VI			01
2N3703	S	P	GE, TF, TX, SR, S	(BC327-16)	BC307VI			01
2N3704	S	N	GE, TF, TX, SR, TF	8C147				01
2N3704	S	N	GE, TF, TX, SR, TF	(BC337-16)	BC337XVI	2N2222		01
2N3705	S	N	GE, TF, TX, SR, FF	8C337	BC140	2N3566		01
2N3705	S	N	GE, TF, TX, SR, FF	(BC337-16)	BC337XVI	2N221		01
2N3705	S	N	GE, TF, TX, SR, FF	8C337	2N3566			01
2N3706	S	N	GE, TF, TX, SR, BT	(8C337-25)	BC337XVI	2N2222		01
2N3706	S	N	GE, TF, TX, SR, BT	8C337	BC168	2N3566		01
2N3706	S	N	GE, TF, TX, SR, BT	8C337	BC338			01
2N3707	S	N	TX, SR, S, UP, St	8C167A	BC167B	MPS6520		01
2N3707	S	N	TX, SR, S, UP, St	8C237A	BC209	SE4010		01
2N3707	S	N	TX, SR, S, UP, St	8C173	BC149			01
2N3707	S	N	TX, SR, S, UP, St	8C184				01
2N3708	S	N	TX, SR, St, BT, NU	8C167A	8C237A	MPS3708		01
2N3708	S	N	TX, SR, St, BT, NU	8C167B	8C167C	EN4124	2SC458	01
2N3709	S	N	SR, BT, NU, St, UP	8C167A	8C237A	MPS3709		01
2N3709	S	N	SR, BT, NU, St, UP	8C167A	8C237A	MPS3709		01
2N3709	S	N	TX, NU, S, UP, SR	8C170		EN3903		01
2N3710	S	N	TX, NU, S, UP, SR	8C167A	8C237A	MPS6565		01
2N3710	S	N	TX, NU, S, UP, SR	8C207	8C171	EN4124		01
2N3710	S	N	TX, NU, S, UP, SR	8C167B	8C182	EN3904	2SC458	01
2N3711	S	N	TX, SR, St, BT, NU	8C167B	8C167A	MPS3711		01
2N3711	S	N	TX, SR, St, BT, NU	8C167B	8C167A	MPS3711		01
2N3711	S	N	TX, SR, St, BT, NU	8C237B	8C107	2N3565		01
2N3712	S	N	TX, MO, TR, HS, SM	8C167C				01
2N3712	S	N	TX, MO, TR, HS, SM	8F257	8F457	2N3440		02
2N3713	S	N	TX, MO, F, ET, SM	BD115				02
2N3713	S	N	TX, MO, F, ET, SM	BDY39IV		2N6471	2N3055	2N3789
2N3714	S	N	TX, MO, ET, SM, St	BDY39IV		2N6472	2N4347	2N3790
2N3714	S	N	TX, MO, ET, SM, St	BDY39IV		2N6254		03
2N3715	S	N	TX, MO, F, SM, St	BDY39VI		2N6471	2N3055	2N3791
2N3716	S	N	TX, MO, F, SQ, SM	BDY39IV		2N6472	2N4347	2N3792
2N3716	S	N	TX, MO, F, SQ, SM	BDY39IV		2N6254		03
2N3717	S	N	F, MO, TX	BSY34				03
2N3719	S	P	MO, TX, SD, HS, SQ	BSX61-10	BSX62VI	2N4234	2N5323	14
2N3719	S	P	MO, TX, SD, HS, SQ	BSX61-10	BSX62VI	2N5333	2N5679	14
2N3720	S	P	MO, TX, SD, TR, HS	BSX63-10	BSX63VI	2N4235	2N5322	14
2N3720	S	P	MO, TX, SD, TR, HS	BSX63-10	BSX63VI	2N5333	2N5679	14
2N3721	S	N	GE, SP, UP, CN	BC168A	BC168B	MPS3721	2N5135	01
2N3721	S	N	GE, SP, UP, CN	BC168C				01
2N3722	S	N	F, RY, SG, MO, SM	(BSX46-10)	BSX46VI	2N3015		10
2N3723	S	N	F, SM, SQ, MO	(BSX47-10)	BSX47VI	2N3015		13
2N3724	S	N	F, SP, TX, TI, KE	8SX32	BSY34	2N3725		13
2N3724	S	N	F, SP, TX, TI, KE	8SX32	BSY34	2N3725		13
2N3724	S	N	F, SP, TX, TI, KE	8SX73	BSX60			13
2N3724	S	N	F, SP, TX, TI, KE	BSY58				13
2N3724A	S	N	TX, KE, RY, UP, TI	(BSY34)		2N3725		13
2N3726	S	N	F, SP, TX, TI, IT	BSX32	BSY34			13
2N3726	S	N	F, SP, TX, TI, IT	BSX73	BSX59			13

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N3725A	S	N	TX, ES, NS, SM, UP	(BSY34)						13
2N3726	S	P	F, MO, ME, RY, SQ	8FX11						06
2N3727	S	P	F, MO, SG, UP, BT	8FX11						06
2N3731	G	P	RC	AU106						06
2N3732	G	P	RC	(AD163IV)						06
2N3733	S	N	MO, RC, RA, TX, FE			(2N3632)				03
2N3734	S	N	MO, TX, F, IT, NS	(BSY58)	8FX17				2N5023	13
2N3735	S	N	MO, TX, HS, NS, SM	(BSY34)						13
2N3736	S	N	MO, TX, F, SO, UP	(BSX48)	8SX31					13
2N3737	S	N	MO, TX, IT, TI, ES	(BSX49)						13
2N3738	S	N	MO, SG, F, ML, Ss	(BUY77)	8U126	2N5838	2N3584			06
2N3738	S	N	MO, SG, F, ML, Ss			2N3508				06
2N3739	S	N	MO, IT, SQ, F	(BUY78)		FT402	2N3585			06
2N3740	S	P	F, MO, Ss, ML, SQ	BDX28-6		2N3740	2N5955		2N3766	06
2N3740A	S	P	MO, SQ	BSX28-6						06
2N3741	S	P	F, MO, Ss, ML, SQ	8DX29-6		2N3741	2N5956		2N3767	06
2N3741	S	P	F, MO, Ss, ML, SQ			2N5954				06
2N3741A	S	P	MO, SQ	8DX29-6						06
2N3742	S	N	TX, MD, F, SM, SQ	8F259	(BF459)	2N5058	2N3439		2N3743	02
2N3743	S	P	MO, IT, SZ, St, F	8FT198		2N5416			2N3742	02
2N3744	S	N	SD, KE, PI, PP, Tw			2N3996				03
2N3745	S	N	SD, KE, PP, PI, SM			2N3996				03
2N3746	S	N	SD, KE, PI, TR, TW			2N3996				03
2N3747	S	N	SD, PP, TW, PI, TR			2N3996				03
2N3748	S	N	SD, PP, SQ, PI, SM			2N3996				03
2N3749	S	N	SD, PP, TW, UN, PI			2N3996				03
2N3750	S	N	SD, KE, SO, PI, UN			2N3996				03
2N3751	S	N	SD, PI, GS, UN, SM			2N3996				03
2N3752	S	N	SD, KE, PP, SQ, PI			2N3996				03
2N3762	S	P	MO, HS, SQ, TI, ES	(BSV15-10)						13
2N3763	S	P	MO, HS, SQ, TI, SM	(BSC16-6)						13
2N3764	S	P	MO, SQ, TI, HS	(BSV15-10)		2N2907	2N3486			13
2N3765	S	P	MO, SQ, TI, HS	(BSV16-6)		2N2907	2N3486A			13
2N3766	S	N	MO, F, KE, SM, TI	8DY13-6	8DY13	2N6373	2N3897		2N3740	06
2N3766	S	N	MO, F, KE, SM, TI	BD124	8DY13X					06
2N3767	S	N	MO, F, KE, SM, SS	8DX25-6	8DY13X	2N6372	2N3879		2N3741	06
2N3771	S	N	AT, RC, F, W	(BUY57)		2N5301				06
2N3772	S	N	AT, RC, TX, SP, F	(BUY57)		2N3715	2N5302			06
2N3773	S	N	AT, RC, F, SD, SQ	(BUY58)	BUY12	2N5631				06
2N3773	S	N	AT, RC, F, SD, SQ	BD124	BUY56IV					06
2N3774	S	P	SZ, SD, SQ, CR			2N4234	2N5783			16
2N3775	S	P	SZ, PP, SQ, CR, SD			2N4235	2N5781			16
2N3776	S	P	SZ, PP, SQ, CR, SD			2N4236				16
2N3777	S	P	SZ, PP, SQ, CR, SD			2N4236	2N4033			16
2N3777	S	P	SZ, PP, SQ, CR, SD			2N5679				16
2N3778	S	P	SZ, PP, SQ, CR, SD			2N4234	2N3783			16
2N3779	S	P	SZ, SD, SQ, CR			2N4235	2N5781			16
2N3780	S	P	SZ, SD, SQ, CR			2N4236				16
2N3781	S	P	SZ, SD, SQ, CR			2N4236	2N5679			16
2N3782	S	P	SZ, SD, SQ, CR			2N5783	2N4234			16
2N3782	S	P	SZ, SD, SQ, CR			2N5783	2N4234			16
2N3782	G	P	MO	(AFY42)		2N5840	2N5783			02
2N3783	G	P	MO	(BFY42)		2N5043	T1XM101			02
2N3785	G	P	MO	(AFY42)		2N5043	T1XM101			02
2N3788	S	N	SD, SQ			2N5840				06
2N3789	S	P	MO, TX, F, SQ, TR			2N6246			2N3713	06
2N3790	S	P	MO, SD, TX, F, SQ			2N3789	2N6247		2N3714	06
2N3791	S	P	MO, SD, TX, F, SQ			2N3789	2N6246		2N3715	06
2N3792	S	P	MO, TX, F, SQ, TR			2N3789	2N6247		2N3716	06
2N3793	S	N	NS, SS, UP	(BC337-16)	BC168	MPS6530				01
2N3793	S	N	NS, SS, UP							01
2N3793	S	N	NS, SS, UP	BC167	BC207					01
2N3793	S	N	NS, SS, UP	BC171	BC182					01
2N3793	S	N	NS, SS, UP	BC237						01
2N3794	S	N	NS, SS, UP	(BC337-16)	BC187	MPS6531				01
2N3794	S	N	NS, SS, UP	BC188	BC208					01
2N3794	S	N	NS, SS, UP							01
2N3794	S	N	NS, SS, UP	BC172	BC183					01
2N3794	S	N	NS, SS, UP	BC238						01
2N3795	S	P	SZ, SQ			2N5415				16
2N3798	S	P	MO, TX, SM, ME, SQ	BCY77VIII		2N2605				01
2N3798A	S	P	MO	BCY77VIII						01
2N3799	S	P	MO, TX, SM, TD, ME	BCY77IX		2N2605				01
2N3799A	S	P	MO	(BCY77IX)						01
2N3800	S	P	MO, TI, F, SQ, TD			2N3350	2N3352			01
2N3801	S	P	MO, RY, St, TD, BT			2N3350	2N3352			01
2N3802	S	P	MO, F, TI, SQ, TD			2N3347	2N3350			06

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N3803	S	P	MO, RY, TD, RT, St			2N3350	2N3351			05
2N3804	S	P	MO, F, TI, St, BT			2N3350				05
2N3804A	S	P	MO, SQ, TD, RY			2N3350				05
2N3805	S	P	MO, RY, TD, BT, SQ			2N3350				05
2N3805A	S	P	MO, RY, TD, SO			2N3350				05
2N3806	S	P	MO, TX, TI, F, RY			2N3350				01
2N3807	S	P	MO, CN, RY, TX, TD			2N3350				01
2N3808	S	P	MO, TI, TX, BT, F			2N3350				05
2N3809	S	P	MO, TX, SQ, BT, RY			2N3350				05
2N3810	S	P	MO, TX, TI, RY, St			2N3350				05
2N3810A	S	P	MO, RY, TD, NS, SQ			2N3350				05
2N3811	S	P	MO, NS, SQ, TX, BT			2N3350				05
2N3811A	S	P	MO, RY, TD, NS, SS			2N3350				05
2N3819	J	N	TX, SL, V, NS			MPF108	MPF112			
2N3819						FE3819				
2N3820	J	P	TX			MPF161	FT3820			
2N3821	J	N	TX, MD, SX, TI, NS			TN4340				
2N3822	J	N	TX, NS, SO, MO, SX			TN4341				
2N3823	J	N	TX, MU, PE, SO, V			2N4416				
2N3824	J	N	TX, SD, MO, SX, BT			2N5396				
2N3825	S	N	TX	BC109	BC173	MPS3398				02
2N3825				BC209	BC184					02
2N3826	S	N	TX			2N4994	MPS3826			02
2N3826						2N3903	MPS3693			02
2N3827	S	N	TX, NS			2N4995	MPS3827			02
2N3827						2N3904	MPS3694			02
2N3828	S	N	TX	BC109	BC177	MPS6565				02
2N3828				BC207	BC171					02
2N3828				BC107	BC182					02
2N3829	S	P	TX, SQ, SM			2N3964				13
2N3830	S	N	KE, RY, SQ, TI, SM	BFX34						13
2N3831	S	N	KE, SM, TX, TI, RY	BD131						13
2N3832	S	N	ET	BSY19						13
2N3834	S	N	TX, CN	BFX62		2N3570	2N3571			03
2N3838	S	N	F, MO, RC, KM, SQ	(BFY90)		SE3005				02
2N3840	S	P	SP, ID, TD, CR, RY			2N2945	2N2946			12
2N3841	S	P	TD			2N2945	2N2946			12
2N3842	S	P	TD			2N2945	2N2946			12
2N3843	S	N	GE, SP, ID	BC167A		MPS6512	2N4400			02
2N3843						SE6001	2N5830			02
2N3843A	S	N	GE, SP, ID	BC167A		2N4400	SE6001			02
2N3843A						MPS6512				02
2N3844	S	N	GE, ID, SP, CN	BC167A		MPS6512	2N4400			02
2N3844						SE6001	2N5830			02
2N3844A	S	N	GE, SP, ID	BC167A		MPS6512	2N4400			02
2N3844A						SE6001	2N5830			02
2N3845	S	N	GE, SP, ID	BC167A	BC109	MPS6512	MPS6565			02
2N3845				BC173	BC207	2N4400	SE6001			02
2N3845				BC171	BC107					02
2N3845				BC182						02
2N3845A	S	N	GE, SP, ID	BC167A		MPS6513	2N4400			02
2N3845A						SE6001				02
2N3850	S	N	UN, KE, SQ, TW, GX			2N3998				14
2N3851	S	N	UN, KE, SQ, TW, GX			2N3998				14
2N3852	S	N	UN, KE, SQ, TW, GX			2N3998				14
2N3853	S	N	GX, SD, TR, UN, KE			2N3998				14
2N3854	S	N	GE, ID, UP, FR, SP	BC168A		MPS6512	2N3903			02
2N3854						2N3691				02
2N3854A	S	N	GE, ID, UP, FR, SP	BC167A		MPS6512	MPS3693			02
2N3854A						2N3693				02
2N3855	S	N	GE, ID, UP, FR, SP	BC168A	BC238A	MPS6512	2N3903			02
2N3855						2N3691				02
2N3855A	S	N	GE, ID, UP, FR, SP	BC167A		MPS6512	MPS3693			02
2N3855A						2N3693				02
2N3856	S	N	GE, ID, UP, FR, SP	BC168A	BC108B	MPS6513	2N3904			02
2N3856										02
2N3858	S	N	GE, SP, ID, UP, FR	BC169B	BC238B	2N3692				02
2N3856A	S	N	GE, SP, ID, UP, FR	BC167A		MPS6513	MPS3694			02
2N3856A						2N3694				02
2N3857	S	P	TD			2N2944	2N2945			01
2N3858	S	N	GE, ID, UP, FR, SP	BC167A		MPS6512	TIS98			02
2N3858						MPS3693	2N3694			02
2N3858A	S	N	GE, ID, UP, FR, SP	(BC167A)		MPS6566	TIS98			02
2N3858A						2N5830	2N3693			02
2N3859	S	N	GE, ID, UP, FR, SP	BC167A		MPS6513	TIS98			02
2N3859						2N3694	MPS3694			02

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N3859A	S	N	GE, ID, UP, SP, FR	(8C167A)		MPS6566	2N5830			01
2N3859A						2N3694				01
2N3860	S	N	GE, ID, UP, FR, SP	BC167B		MPS6514	TIS98			02
2N3860						MPS3694	2N3694			02
2N3863	S	N	SZ, SM, SQ, PP, SD			2N3716	2N3715			16
2N3863						2N3055				16
2N3864	S	N	SZ, SM, SP, SQ, PP			2N3716	2N3442			16
2N3865	S	N	SZ, SP, SQ, SM			2N6262				16
2N3866	S	N	RC, F, MO, PE, SV	BFX55						03
2N3867	S	P	MO, TR, SQ			2N5333				13
2N3868	S	P	MO, TR, SQ			2N5333				13
2N3877	S	N	GE, SP, UP, ID, TR	(BF457)	BF178	2N4410	TIS98			01
2N3877						2N5830				01
2N3877A	S	N	GE, SP, UP, ID, TR	(BF457)		2N4410	TIS98			01
2N3877A						2N5830				01
2N3878	S	N	RC, KE, PP, SQ, TW	BDX25-10	BDY13C	2N5873				03
2N3878				BD124						03
2N3879	S	N	RC, KE, PP, SQ, TW	BDX25-6		2N5874				16
2N3882	S	P	RY			2N4352				16
2N3900	S	N	GE, ID, SP, FR	BC168B		MPS6515	TIS98			01
2N3900						2N4401	SE6002			01
2N3900A	S	N	GE, ID, SP, FR	8C169B		MPS6520	2N5088			01
2N3900A						TIS98	2N4401			01
2N3901	S	N	GE, ID, SP, FR	8C169C		MPS6521	2N5088			01
2N3902	S	N	MO, TX, DD, SD, SM	BUX18C	(BUY79)	FT402	2N5840			16
2N3903	S	N	MO, CA, ME, TX, BT	8C167A	BF195	EN3903		2N3905		13
2N3903				8C237A	BFY19					13
2N3904	S	N	F, MO, TX, CN, NS	8C237B	BC167A	EN3904		2N3906		13
2N3904				BF194	BC237A					13
2N3904				8C195	BFY19					13
2N3904				BSY34	BC182L					13
2N3905	S	P	MO, TX, CA, ME, RY	BC307A	BC307	EN3905		2N3903		13
2N3905				BCY70						13
2N3906	S	P	F, MO, TX, CN, NS	8C307B	BC307A	EN3906		2N3904		13
2N3906				BCY70	BC212L					13
2N3907	S	N	TR, F, NS, TD, CN	BFY81		2N2915				05
2N3908	S	N	F, NS, TD, IL, SG	BFY81		2N2916				05
2N3909	J	P	TX, SX, MO, SD, ES			2N2609				
2N3909A	J	P	TX, MO, IL			2N2609				
2N3910	S	P	RY, CR, TD, CN, SQ			2N2944				12
2N3911	S	P	RY, MO, TD, CR, SQ			2N2944	2N2945			12
2N3912	S	P	RY, MO, TD, CR, SQ			2N2944	2N2945			12
2N3913	S	P	RY, SQ, TD, CR			2N2944	2N2945			12
2N3914	S	P	SR, RY, TD, CR			2N2944	2N2945			12
2N3914						2N2906				12
2N3915	S	P	RY, SR, TD, CR			2N2944	2N2945			12
2N3921	J	N	TI, IL, SD, BT, SX			MMF6	2N5545			05
2N3921						2N4084				05
2N3922	J	N	TI, IL, SD, BT, SX			MMF6	2N4085			
2N3923	S	N	F, TX, SM, SQ, TR	(BF457)	BFX98	SF5777				02
2N3924	S	N	MO, PH, TX, RA, V	BFW46	BFY99	2N3553				03
2N3925	S	N	MO			2N3375				03
2N3926	S	N	MO, MU, PH, V, RA	8LY57						03
2N3927	S	N	MO, MU, PH, V, RA	8LY58						03
2N3928	S	N	KE			2N5337				14
2N3930	S	P	F, SG, SM	BFX90		2N2605	2N3497			01
2N3930						2N4889				01
2N3931	S	P	F, SG, SM	BFX91		2N4889				01
2N3934	J	N	TI, BT			2N5542	TD5903			
2N3935	J	N	TI, BT			2N5546	TD5904			
2N3941	S	N	SD			2N2920				05
2N3942	S	N	SD			2N2920				05
2N3943	S	N	SD			2N2920				05
2N3944	S	N	SD			2N2920				05
2N3945	S	N	IT, TR, NS, SQ, F			2N2270	2N3568			10
2N3945						2N2102				10
2N3946	S	N	F, MO, TX, SQ, TI	BCY65EVII		2N2217	2N2219		FT3905	13
2N3947	S	N	F, MO, TX, SQ, TI	BCY65EVII		2N2217	2N2219		2N3250	13
2N3948	S	N	MO, SM, TW, TI, KE	(BFX55)						03
2N3954	J	N	SD, IL, TX, BT			MFE3954	SF9944			
2N3954						2N5197				
2N3954A	J	N	SD, IL, TX, BT			MFE3954A	2N5545			
2N3954A						2N5196				
2N3955	J	N	SD, IL, TX, BT			MFE3955	2N5546			
2N3955						2N5198				

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N3855A	J	N	SD, IL, TX, BT			MFE3955A	2N5546			
2N3855A	J	N	SD, IL, TX, BT			2N5197				
2N3956	J	N	SD, IL, TX, BT			MFE3956	2N5547			
2N3956	J	N	SD, IL, TX, BT			2N5199				
2N3957	J	N	SD, IL, TX, BT			MFE3957	2N5547			
2N3958	J	N	SD, IL, TX, BT			MFE3958	2N5547			
2N3958	J	N	SD, IL, TX, BT			2N5046				
2N3959	S	N	MO, HS, SQ, TI, F			2N4313				13
2N3960	S	N	MO, HS, SQ, TI, F	BFX62		2N4313				13
2N3962	S	P	F, TX, IN, IT, NS	(BC416B)	BFW20	2N2605	2N3963			01
2N3962	J	N	SD, IL, TX, BT							
2N3963	S	P	F, TX, V, IT, NS	BFX37		2N4249				01
2N3964	S	P	F, TX, IT, ME, SM	(BC416B)	BFW21	2N2605	2N4249			01
2N3964	S	P	F, TX, IT, ME, SM	(BC416C)	BFW22	2N2805	2N4250			01
2N3965	S	P	F, TX, ME, SG, TD	BCY67						01
2N3965	S	P	F, TX, ME, SG, TD	(BC416C)	BFW23	2N2605	2N4250A			01
2N3966	J	N	TI, MU, TX, SD, PH							
2N3967	J	N	TI, IL, SD, BT			2N4416	2N4221			
2N3967	J	N	TI, IL, SD, BT			2N4221A	2N4222A			
2N3967A	J	N	TI, IL, BT			SFB2337	2N4221			
2N3967A	J	N	TI, IL, BT			2N4221A	2N4222A			
2N3967A	J	N	TI, IL, BT			2N3822				
2N3968	J	N	TI, SD, BT							
2N3968	J	N	TI, SD, BT			2N4221A	SFB2338			
2N3968A	J	N	TI, IL, BT			2N3821				
2N3969	J	N	BT, SD, TI, IL			2N4221A	2N3821			
2N3969	J	N	BT, SD, TI, IL			2N4220A	SFB2339			
2N3969	J	N	BT, SD, TI, IL			2N3821				
2N3969A	J	N	TI, IL, BT							
2N3970	J	N	SD, NS, TI, MO, SX			2N4220A	2N3821			
2N3971	J	N	SD, NS, TI, MO, SX			2N4091				
2N3972	J	N	SD, MO, SX, TI, NS			2N4092				
2N3972	J	N	SD, MO, SX, TI, NS			2N4093				
2N3993	J	P	TX, IL, ES, MO			2N5018				
2N3993A	J	P	TX, IL							
2N3994	J	P	TX, MO, IL			2N5018				
2N3994A	J	P	TX, MO, IL			2N5019				
2N3995	G	P	TX			2N5019				
2N4000	S	N	TX	(BSX63-6)		2N2929	2N1195			02
2N4000	S	N	TX	(BSX63-6)		2N5336	2N3019			14
2N4000	S	N	TX, KE, SQ, SM, UP	(BSX63-6)	BSW66	2N5320				14
2N4002	S	N	TX, KE, SM, F, TW			2N5339	2N5681			14
2N4004	S	N	TX, SQ, UP, SM, TW			2N3265				06
2N4008	S	P	CR, TD, TR, SQ			2N3263				06
2N4008	S	P	CR, TD, TR, SQ			2N2944	2N2945			10
2N4013	S	N	F, MO, TX, SM, SP	BSX49	BSX32					13
2N4013	S	N	F, MO, TX, SM, SP	BSX48						13
2N4014	S	N	F, TI, IT, SG, TR	BSX32	BSX49	2N2219				13
2N4015	S	P	F, MO, SQ, TD, UP	BFX11		2N3350				05
2N4016	S	P	F, MO, SQ, TD, UP	BFX11		2N3350				05
2N4017	S	P	F, SG, St, TI, UP	BFX36		2N3350				01
2N4018	S	P	F, SG, St, TI, UP	BFX36		2N3350				01
2N4019	S	P	F, SG, TI, UP, BT	BFX36		2N3350				01
2N4020	S	P	F, SG, St, UP, TD	BFX36						05
2N4021	S	P	F, SG, St, UP, BT	BFX36		2N3350				05
2N4022	S	P	F, SG, St, UP, BT	BFX36		2N3350				05
2N4023	S	P	F, SQ, TD, UP, SG	BFX36		2N3350				05
2N4024	S	P	F, SQ, TD, SG, St	BFX36		2N3350				05
2N4025	S	P	F, SQ, TD, SG, St	BFX36		2N3350				05
2N4026	S	P	F, TX, SQ, SG, TR	(BSV16-6)	BFX38	2N1132	2N2906A			01
2N4026	S	P	F, TX, SQ, SG, TR	BC160	BCW76X	2B2907	2N4354			01
2N4027	S	P	F, TX, SQ, SG, TR	(BSV17-6)	BFX40	2N2906A	2N2907			01
2N4027	S	P	F, TX, SQ, SG, TR			2N4356				01
2N4028	S	P	F, TX, SQ, SG, TR	(BSV16-16)	BFX39	2N2907	2N4355			01
2N4029	S	P	F, TX, SQ, SG, TR	(BSC17-10)	BFX40	2N2907	2N4356			01
2N4030	S	P	IT, TX, SG, F, NS	BSV16-6	BFX38	2N4036	2N2905		2N3108	01
2N4030	S	P	IT, TX, SG, F, NS	BFX39	BCW80X	2N4354				01
2N4031	S	P	F, IN, TX, ME, SM	BSV17-8	BFX40	2N2905	2N4356		2N3019	01
2N4031	S	P	F, IN, TX, ME, SM	BFX41	BC161X					01
2N4031	S	P	F, IN, TX, ME, SM	BCW80X						01
2N4032	S	P	F, IN, TX, ME, RY	BSV16-16	BFX38	2N4042	2N2905		2N3107	01
2N4032	S	P	F, IN, TX, ME, RY	BC161X	BCW80XVI	2N4355				01
2N4033	S	P	F, IN, TX, IT, V	BSV17-10	BFX40	2N2905	2N4356		2N3020	01
2N4033	S	P	F, IN, TX, IT, V	BC161XVI	BCW8XVI					01
2N4034	S	P	F, IN, SM, SQ, IT	BCY79VII	BFX48	2N3250	2N4121		2N3946	13
2N4035	S	P	F, IN, SM, SQ, SG	BCY79VIII	BFX48	2N3250	2N4922		2N3947	13
2N4036	S	P	RC, TX, FE, MU, PE	BSV17-10	BFX23	2N5322	2N2904		2N3108	10
2N4036	S	P	RC, TX, FE, MU, PE			2N2905				10
2N4037	S	P	RC, TX, SM, SS, TI	BSV16-16	BFR24	2N5323	2N2904		2N3110	10
2N4037	S	P	RC, TX, SM, SS, TI			2N2905				10

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
2N4038	M	N	TW, GI		2N3796	2N4351		
2N4039	M	N	TW		2N3796	2N4351		
2N4042	S	N	SD		2N3680			05
2N4043	S	N	SD		2N3680			05
2N4044	S	N	SD, QD, St, IL, SM		2N3680			05
2N4045	S	N	SD, QD, SG, St, IL		2N3680			05
2N4046	S	N	F, IN, RY, SG, TI	(BSY34)	BFX17	2N2218	2N5023	13
2N4046	S	N	F, IN, RY, SG, TI	8SX32				13
2N4047	S	N	F, IN, IT, RY, SG	(BSY34)	BFX17		2N5022	13
2N4054	S	N	GE		RCP113C	2N6176		06
2N4055	S	N	GE		RCP1138	2N6175		06
2N4056	S	N	GE		RCP1138	2N6175		06
2N4057	S	N	GE		RCP1138	2N6175		06
2N4058	S	P	TX	BC257A	MPS6522	2N5086	2SA565	01
2N4058	S	P	TX	BC178	BC258X1	2N4248		01
2N4058	S	P	TX		BC206			01
2N4058	S	P	TX	BC253	BC258A			01
2N4058	S	P	TX	BC2588				01
2N4059	S	P	TX	BC257A	BC258V1	MPS6516	2N5086	01
2N4059	S	P	TX	BC308B	BC204	2N5087	2N4248	01
2N4059	S	P	TX	BC250	BC258A			01
2N4059	S	P	TX	BC2588				01
2N4060	S	P	TX	BC257A	BC258V1	MPS6516	2N5086	01
2N4060	S	P	TX	BC308V1	BC258A	2N4248		01
2N4061	S	P	TX	BC257A	BC258V1	MPS6517	2N5086	01
2N4061	S	P	TX	BC308A	BC258A	2N4248		01
2N4061	S	P	TX	BC2588				01
2N4062	S	P	TX	BC2578	BC258A	MPS6518	2N5087	01
2N4063	S	N	RC, SM, SQ, IC, SZ	BC3088	BC2588	2N4250	2N3439	01
2N4064	S	N	RC, SZ, SQ, IC			2N3440		06
2N4065	M	P	GI		2N4352	3N174		06
2N4070	S	N	GS, PI, SD, TR, TW		2N5631	2N3448		06
2N4070	S	N	GS, PI, SD, TR, TW		2N5038			06
2N4071	S	N	SD, TR, PI, TW, KE		2N5631	2N6249		06
2N4072	S	N	MO, SO, TI, SM, TR		2N2863			03
2N4073	S	N	MO, SQ, TI, SM, TR		2N2863			03
2N4075	S	N	F, SQ, TW, UN, SM		2N3764	2N3996		06
2N4076	S	N	F, SQ, TW, UN, SM	BDY13X	BDY13	2N3996	2SC830	06
2N4076	S	N	F, SQ, TW, UN, SM	BD124				06
2N4077	G	N	AM, PE, NS	AD161				06
2N4078	G	P	AM, PE	AD162			2S8367	06
2N4079	G	N	AM, PE	AD161				06
2N4081	S	N	RC		2N4252			02
2N4082	J	N	TI, IL, BT		2N4083	TD5903		
2N4083	J	N	TI, IL, SD, BT		TD5904			
2N4084	J	N	TI, IL, SD, SX, BT		MMF6	2N5545		
2N4084	J	N	TI, IL, SD, SX, BT		2N5562			
2N4085	J	N	TI, IL, SD, BT, SX		MMF6	2N5546		
2N4085	J	N	TI, IL, SD, BT, SX		2N5563			
2N4086	S	N	PH		MPS6514	TIS98		01
2N4086	S	N	St, GE		2N4400	2N5135		01
2N4087	S	N	St, GE		MPS6515	TIS97		01
2N4087	S	N	St, GE		2N4401	2N5135		01
2N4087A	S	N	St, GE		MPS6515	2N4401		01
2N4087A	S	N	St, GE		2N3566	2N5135		01
2N4088	J	P	TI		MPF161	2N3331		
2N4089	J	P	TI		MPF161	2N3330		
2N4090	J	P	TI		MPF161	2N3329		
2N4090A	J	P	TI					
2N4091	J	N	F, MO, TI, NS, SX		2N4391			
2N4091J	J	N			2N4091			
2N4092	J	N	TI, MU, SD, TX, F		2N4392			
2N4092A	J	N	TI		2N4092	EN4392		
2N4092J	J	N	TI		2N4092			
2N4093	J	N	TI, MU, SD, TX, F		2N4392			
2N4093A	J	N	TI		2N4093	2N4392		
2N4093J	J	N	TI		2N4093			
2N4094	J	N	TI		2N4091	2N4856		
2N4095	J	N	TI		2N4092	2N4857		
2N4099	S	N			2N3680			05
2N4104	S	N	TX, SM	BCY65EIX	2N2484			02
2N4106	G	P	AM, PE	AC153	MPS2080		2S8370A	01
2N4106	G	P	AM, PE	AC128	AC152			01
2N4111	S	N	ET, PP, SD, TR, UP		2N3715	2N5877		06
2N4112	S	N	ET, PP, SD, TR, UP		2N5877			06

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N4113	S	N	GS, SM, SQ, TW, UP			2N5877	2N3716			06
2N4115	S	N	F, SQ, TW, UN, SM			2N3996			2N5003	06
2N4116	S	N	F, SQ, TW, UP, SM	BDY13XVI	BDY13	2N3996		2SC830	2N5005	06
2N4116				BD124						06
2N4117	J	N	SX, IL, BT			2N3367	2N4118			
2N4117						2N4119	TN4117			
2N4117A	J	N	SX, IL, BT			2N3367	TN4117A			
2N4118	J	N	SX, IL, BT			2N3367	2N4119			
2N4118						TN4118				
2N4118A	J	N	SX, IL, BT			2N3367	TN4118A			
2N4119	J	N	SX, IL, BT			2N3366	2N4139			
2N4119						TN4119				
2N4119A	J	N	SX, BT, IL			2N3366	TN4419A			
2N4120	M	P	GI			2N4352	3N174			
2N4121	S	P	F, ME, RY, SS, TI	(BC416A)	BFX48	2N3905	2N4423		2N6132	02
2N4122	S	P	F, ID, NS, TI, SG	(BC416B)	BFX48	2N3906	2N4423		2N369A	02
2N4123	S	N	F, MO, CA, ME, TX	(BC413A)		TIS99	EN4123		2N4125	13
2N4124	S	N	F, MO, CA, ME, TX	(BC413B)		TIS98	EN4124		2N4126	13
2N4125	S	P	F, MO, TX, CA, NS	(BC415A)		2N5447	EN4125		2N4123	13
2N4126	S	P	F, MO, CA, NS, TX	(BC415B)		2N4061	EN4126		2N4124	13
2N4130	S	N	MO, KE, SM, SQ			2N3055				06
2N4134	S	N	F, SM, SQ, ET, SG	BFX19						02
2N4135	S	N	F, SM, SQ, ET, SG	BFX19						02
2N4137	S	N	F, RY, SQ, CA, SM	(BSY63)	BSX28	2N4275			2N3209	16
2N4137				BFX34						16
2N4138	S	N	TX, SQ, CR, TR	BFX34		2N2432				12
2N4139	J	N	TI, IL, ME, BT			2N3436	2N3458			
2N4139						2N4222				
2N4140	S	N	GI, CN, ET, NY, RY			2N4400				02
2N4141	S	N	GI, CN, ET, RY, TI			2N4401				02
2N4142	S	P	GI, CN, ME, RY, TI			2N4402				02
2N4143	S	P	GI, CN, ME, RY, TI			2N4403				02
2N4150	S	N	CN, UN, PI, SQ, SM			2N3421	2N5337			06
2N4207	S	P	F, NS, CA			2N4257				13
2N4208	S	P	F, NS, CA			2N4258			2N2369A	13
2N4209	S	P	F, NS, TI, CA			2N4258			2N2369A	13
2N4210	S	N	TR, KE, SQ, TW, GX			2N4002	2N3266			06
2N4211	S	N	TR, KE, SQ, GX, SM			2N4002	2N3265			06
2N4220	J	N	MO, F, SX, TX, ML			2N4220A	2N5359			
2N4220A	J	N	MO, F, SX, TX, ML			2N5359				
2N4221	J	N	MO, F, SX, TX, ML			2N4221A	2N5362			
2N4221A	J	N	MO, F, SX, TX, NS			2N5362				
2N4222	J	N	MO, F, SX, TX, S	BC264		2N4222A	2N5363			
2N4222A	J	N	MO, F, SX, TX, S			2N5363				
2N4223	J	N	MO, NS, TX, SX, TI			2N4224	2N3823			
2N4224	J	N	TI, SX, TX, NS, F			2N4223	2N3823			
2N4226	S	N	SD, PP, SQ, KE, SM			2N5334				06
2N4227	S	N	GI, ET, NU, TI, BT			2N4400				10
2N4231	S	N	MO, F, SM, TR, TW			2N6374	2N3054			06
2N4231						2N6260				06
2N4232	S	N	MO, F, SM, TR, TW			2N6373	2N3054			06
2N4233	S	N	MO, F, SM, TR, TW			2N6372	(2N3054)			06
2N4233						2N6261				06
2N4234	S	P	MO, F, SQ, SM, SD	BSV15-10		2N5783	2N4235		2N4237	16
2N4235	S	P	MO, F, SM, SQ, ES	BSV16-10		2N5782	2N5333		2N4238	16
2N4235						2N5781				16
2N4236	S	P	MO, F, SM, SQ, ES	BSV17-10		2N5781	2N5333		2N4239	16
2N4237	S	N	MO, F, SQ, SG, KE	BSX45-10	BFX34	2N5786			2N4234	06
2N4238	S	N	MO, F, SQ, SG, KE	BSX46-10	BFX34	2N5785	2N5784		2N4235	06
2N4239	S	N	MO, F, SM, HS, KE	BSX47-10	BFX34	2N5784			2N4236	06
2N4240	S	N	RC, TX, TR, UN	(BUY78)		SE9331				06
2N4241	G	P	AM, SD, MN	(AUJ21IV)	AD149	TI3027		2S8471		01
2N4242	G	P	SD			TI3027	TI3028			06
2N4243	G	P	SD			TI3027	TI3028			06
2N4244	G	P	SD			TI3027	TI3028			06
2N4245	G	P	SD			TI3027	TI3028			06
2N4246	G	P	SD			TI3027	TI3028			06
2N4247	G	P	SD			TI3027	TI3028			06
2N4248	S	P	F, CA, ME, RY, SS	BC416C		2N4058	2N5086			01
2N4248						PN4248-18				01
2N4249	S	P	F, CA, ME, RY, SS	(BC417B)		2N4058	2N5086			01
2N4249						PN4249-18				01
2N4250	S	P	F, CA, ME, RY, SS	BC416C		2N4059	2N5987			01
2N4250						PN4250-18				01
2N4250A	S	N	F, TI	(BC416C)		PN4250A		2SA828		

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N4253	S	N	TX, SQ, ET			2N4252				02
2N4254	S	N	TX			2N4996	MPS6547			01
2N4254						2N4770	SE3005			01
2N4255	S	N	TX			2N4997	MPS6547			01
2N4255						2N5770	SE3005			01
2N4256	S	N	GE, ID	8C167B		2N3904	2N5772			01
2N4256						2N4274				01
2N4257	S	P	F, NS, RY, CA			PN4258-18				13
2N4258	S	P	F, ES, RT, CA, NS			PN4258-18		2N4274		13
2N4258A	S	P	F, NS, CA			PN4258A-18		2N4274		13
2N4259	S	N	SM			2N4252				13
2N4260	S	P	MO, HS, TI, F, RY			2N4261				13
2N4261	S	P	MO, HS, TI, F, RY			2N4260				13
2N4264	S	N	F, MO, BT	8SY63	BC238A	2N4275			2N5771	10
2N4265	S	N	F, MO, BT	8SY63	BC238A	2N4274			MPSL08	13
2N4267	M	P	IL			SFB4669	2N4352			
2N4268	M	P	IL			SFB4670	MFE3003			
2N4269	S	N	TR			2N2243A				01
2N4271	S	N	TR, SQ			2N5682				06
2N4272	S	N	TR, SQ			2N5682				06
2N4274	S	N	F, Tx, CA, NP, RY	(8SY62)	BSX90	2N4419	PN4274-18		2N2894A	13
2N4275	S	N	F, TX, NP, RY, TI	(8SY63)		2N4418	PN4275-18		2N5910	13
2N4276	G	P	MO			2N4277				06
2N4277	S	P	MO			2N4279				06
2N4278	G	P	MO			2N4279				06
2N4279	G	P	MO			2N4281				06
2N4280	G	P	MO			2N4281				06
2N4281	G	P	MO			2N4283				06
2N4282	G	P	MO			2N4283				06
2N4283	G	P	MO			2N4282				06
2N4284	S	P	NS			2N2944	2N2945			01
2N4285	S	P	NS			2N4060				01
2N4286	S	N	SS, UP, NS	8C167	BC168	MPS6515	TIS98	2SC458		01
2N4286				8C238C	BC207					01
2N4286				BC171	BC168A					01
2N4287	S	N	NS, SS, UP	8C167A	BC277	MPS6566	TIS98	2SC458		01
2N4287				8C237	BC207					01
2N4287				8C171						01
2N4288	S	P	NS, SS, UP	8C258A	BC178B	MPS6518		2SC565		01
2N4288				8C213	BC206					01
2N4288				BC262						01
2N4289	S	P	NS, SS, UP	BC257A	BC177B	2N5086		2SA565		01
2N4289				BC177	BC307B					01
2N4290	S	P	NS, UP, SS	(BC328-16)	BC124	2N5447	MPS6539			01
2N4290				BC206						01
2N4291	S	P	NS, SS, UP	(BC327-16)	BC179	2N5447	MPS6534			01
2N4291				BC214	BC206					01
2N4291				BC263						01
2N4292	S	N	NS	(BFX89)	BFX59	2N1132	MPS6518			01
2N4292				BC184	BC209	TIS62				01
2N4292				BC173	BFX62					01
2N4292				8C239						01
2N4293	S	N	NS	BFX89	BC179	TIS62	MPS6518			01
2N4293				BC184	BC209					01
2N4293				BC173	BC139					01
2N4294	S	N	BT, UP, SS, NS			2N4264				13
2N4295	S	N	BT, SS, NS			2N4264				13
2N4296	S	N	IT, SQ, SM			SE9331				16
2N4300	S	N	TX, SM, SQ, UN, KE	(BSX63-6)		2N5336				06
2N4302	J	N	TI, IL, SD, BT, NS			2N5953	E102			
2N4302						2N5337	2N5457			
2N4303	J	N	TI, IL, NS, BT			2N5952	IT108			
2N4303						2N5457				
2N4304	J	N	TI, NS, BT			2N5951	E100			
2N4305	S	N	TW, SM, TR, KE, SQ			2N4895				06
2N4307	S	N	TW, SM, TR, KE, SQ			2N4895	2N5357			06
2N4309	S	N	TW, SM, TR, KE, SQ			2N4897	2N5337			06
2N4311	S	N	TW, SM, TR, KE, SQ			2N4897	2N5337			06
2N4313	S	P	F, MS			2N4423			2N4274	12
2N4314	S	P	RC, SM, SQ, ES	BSV17-10		2N5322				06
2N4338	J	N	SX, NS, TD, TI, IL			2N3460	TN4398			
2N4338						2N4220A				
2N4339	J	N	SX, NS, TD, IL, SO			SFB5481	TN4339			
2N4339						2N4220A				
2N4340	J	N	SX, IL, NS, TD, BT			2N3469	TN4340			

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
2N4340					2N4220A	2N4221A		
2N4341	J	N	SX, IL, NS, BT, TD		2N3458	TN4341		
2N4342	L	P	F, MO, SD, IL		2N4343	2N3994		
2N4342					P1118E			
2N4343	J	P	F, MO, IL		2N4360	2N3993		
2N4343					P1117E	2N4342		
2N4346	G	N	RC	(AUY22III)				06
2N4347	S	N	RC, ML, PH, AM, Es	BDX12				06
2N4348	S	N	AT, RC, Ss, ML, PP	(BUY58)	2N5630			06
2N4350	S	N	CN, SO, SM		2N4349			06
2N4351	M	N	MO, IL, CN		2N4416	2N4416A		
2N4351					2N4381			
2N4353	M	P	GI, SQ, IL		SF84379	2N4360		
2N4354	S	P	F, CA, NS, SS, CN	BFX38	BSV16-6	PN4356-5	SE6020	01
2N4355	S	P	F, CA, NS, SS, CN	BFX38	BSV16-18	PN4355-5	2N3588	01
2N4356	S	P	F, CA, NS, CN, ME	BFX41	BSV17-6	PN4356-5	SE6021	01
2N4357	S	P	CN, SG, F	BFX90		2N2605		01
2N4357						2N4889		01
2N4358	S	P	CN, F, SG	BFX90		2N2605	2N3494	01
2N4358						2N4889		01
2N4359	S	P	F, MO, SG, SQ, IT	BFX37	BC4168	2N4248		01
2N4360	L	P	F, MO, SD, IL			2N4343		
2N4381	L	P	F, IL			SF81986		
2N4381						SF9130	2N2609	
2N4382	J	P	F, IL			2N3330		
2N4382						SF9131	2N2609	
2N4382						2N3994		
2N4384	S	N	TX, SP, ID, TR, FR	BC337-40				02
2N4386	S	N	TX, SP, ID, TR, FR	BC337-40				02
2N4387	S	P	TR, SQ			2N5956	2N4898	
2N4388	S	P	TR, SQ, CN			2N5955	2N4899	
2N4388						P1069E		
2N4390	J	N	TX, AT, SM	BFR25	(BF457)	2N5058		10
2N4391	S	N	SD, F, MU, NS, SX			2N4091		
2N4392	J	N	V, TX, SX, NS, SD			2N3871		
2N4393	J	N	SD, MU, NS, SX, TX	BSV68		2N3972		
2N4395	S	N	CN, SM, SD, TR, TW			2N3715	2N5337	06
2N4396	S	N	CN, SM, SD, TR, TW			2N3715	2N5337	06
2N4397	S	N	RC			2N4252		05
2N4398	S	P	MO, F, SQ, TX, CN					06
2N4399	S	P	TX, SQ, CN, F, MO			2N4398	2N5302	06
2N4400	S	N	F, MO, NS, BT	(BCX74-16)		2N5449	2N4402	13
2N4401	S	N	F, MO, BT, NS	(BC74-16)		2N5449	2N4403	13
2N4402	S	P	F, MO, BT, NS	(BCX76-16)	BC307VI	2N2904	2N2905	13
2N4402						EN2907		13
2N4403	S	P	F, MO, NS	(BCX76-16)	BC307A	2N2904	EN2907	13
2N4404	S	P	MO, SQ, TI, SM, TR	BSV17-6		2N1893		01
2N4405	S	P	MO, SQ, TI, SM, TR	BSV17-10		2N2405		01
2N4406	S	P	MO, SQ, TI, SM, TR	(BSV17-6)				01
2N4407	S	P	MO, SQ, TI, SM, TR	(NSV17-10)				01
2N4409	S	N	F, MO, BT	(BF457)		2N5830	MPSA55	10
2N4410	S	N	F, MO, BT	(BF457)		2N5830	MPSA56	10
2N4416	J	N	SD, F, NU, SX, TX			2N5398		
2N4416A	J	N	SX, TX, SD, NS, F			2N4416	2N5398	
2N4417	J	N	SD			2N4416		
2N4418	S	N	IT			2N4264	2N5772	10
2N4418						2N4275		10
2N4419	S	N	IT			2N4264	2N5772	10
2N4419						2N4274		10
2N4420	S	N	IT			MPS3646	2N5769	10
2N4420						2N3646		10
2N4421	S	N	IT			MPS3646	2N5769	10
2N4421						2N3646		10
2N4422	S	N	IT			MPS3646		10
2N4423	S	N	NS			2N4421	MPS3640	10
2N4423						EN2894A		10
2N4424	S	N	GE, SP, ID, UP, Ss	(BC337-25)	BC337	MPS3711	2N4401	10
2N4424						2N4946		10
2N4425	S	N	GE, ID, SP, UP, Ss	(BC337-25)	BC337			10
2N4427	S	N	MO, PH, TX, RC, FE	(BFX55)				06
2N4428	S	N	F, MO, TX, SV, TW	(BFW16A)	BFX55			06
2N4432	S	N	LI, TX	8FW34	BSX45			02
2N4432				(BCY59VII)				02
2N4436	S	N	F, CA, RY, CN, NU	(BCX73-16)		2N5449		03
2N4437	S	N	F, CN, RY, CA, NU	(BCX73-16)		2N5449		03
2N4438	S	N	ET, SM			2N3439		01

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
2N4439	S	N	SM		2N3439			01
2N4440	S	N	RC, TI, SV, RY, KE	(BLY23)	2N3632			06
2N4445	J	N	CR, TX, IL		MFE2012	SFC1783		
2N4445					2N5432			
2N4446	J	M	CR, TX, IL		MFE2012	SFC1784		
2N4446					2N5433			
2N4447	J	N	CR, TX, IL		MFE2012	SFC1785		
2N4447					2N5433			
2N4448	J	N	CR, TX, IL		MFE2012	SFC1785		
2N4448					2N5433			
2N4449	S	N	F, SG		2N4275			13
2N4450	S	N	F	BFX95	2N3568			13
2N4451	S	P	F		2N4313			10
2N4452	S	P	F, SM		2N3638			10
2N4453	S	P	F		2N4313			10
2N4572	S	P			2N4258			
2N4573	S	N			2N4275			
2N4576	S	N			2N3716			03
2N4856	J	N	TX, F, MO, NS, SX		2N4091			
2N4856A	J	N	TX, MO, IL, NS, SD		2N4091			
2N4856J	J	N			2N4856			
2N4857	J	N	TX, F, MO, NS, SX		2N4092			
2N4857A	J	N	TX, MO, IL, NS, SD		2N4092			
2N4857J	J	N			2N4857			
2N4858	J	N	TX, F, MO, NS, SX		2N4093			
2N4858A	J	N	TX, MO, IL, NS, SD		2N4093			
2N4858J	J	N			2N4858			
2N4859	J	N	TX, IL, MU, F, MO		2N4091			
2N4859A	J	N	TX, MO, IL, NS, SD		2N4091			
2N4859J	J	N			2N4859			
2N4860	J	N	TX, MO, NS, SX, MU		2N4092			
2N4860A	J	N	TX, MO, IL, NS, SD		2N4092			
2N4860J	J	N			2N4860			
2N4861	J	N	TX, MO, NS, SX, IL		2N4093			
2N4861A	J	N	TX, MO, SX, IL, NS		2N4093			
2N4861J	J	N			2N4861			
2N4862	S	N	CN, PI, TR, KE, SD		2N5339			06
2N4863	S	N	PI, SD, TR, GX, CN		2N5682			06
2N4867	J	N	SX, IL, TI, BT, TX		2N4220A	2N5391		
2N4867A	J	N	SX, IL, TX, TI, BT		2N4220A	2N5391		
2N4868	J	N	SX, IL, TI, BT, TX		2N4220A	2N5392		
2N4868A	J	N	SX, IL, TX, TI, BT		2N4220A	2N5392		
2N4869	J	N	SX, IL, TI, BT, TX		2N4221A	2N4222A		
2N4869					2N5395			
2N4869A	J	N	SX, IL, TX, BT, SD		2N4221A	2N4222A		
2N4869A					2N5395			
2N4872	S	P	F	BFY64				13
2N4873	S	N	F, TR, SM			2ZSC639		13
2N4874	S	N	TX, SM, RY		2N4875			02
2N4876	S	N	TX, SM, RY		2N4875			02
2N4877	S	N	MO, SM, F, SQ, TR		2N4239			06
2N4881	S	N	TI, TX, BT		2N3365	2N5543		
2N4882	J	N	TI, TX, BT		2N3365	2N5543		
2N4883	J	N	TI, TX, BT		2N3365	2N5544		
2N4884	J	N	TI, TX, BT		2N3365	2N5544		
2N4885	J	N	TI, TX, BT		2N3365	2N5544		
2N4886	J	N	TI, TX, BT		2N3365	2N5544		
2N4890	S	P	TX, MO, SE, ML, TR	BCW80-16	2N4037			10
2N4890				BSV16				10
2N4896	S	N	F, SM, SD, TW, KE	BFX34	2N5336			16
2N4896								16
2N4897	S	N	F, KE, SG, SQ, TW	BFX34	2N5337			16
2N4898	S	P	F, SM, SD, TW, KE	BFX34	2N5338			16
2N4898	S	P	MO, F, SD, SS, TR	BDX27-6	2N5956	2N5956	2N4910	06
2N4899	S	P	F, MO, SD, SS, TR	BDX28-6	2N5955		2N4911	06
2N4900	S	P	MO, F, SQ, TR, CN	BDX29-6	2N5956	2N5954	2N4912	06
2N4901	S	P	TX, MO, SE, F, ML	(BDX27-6)	2N6469	2N6246	2N5067	06
2N4902	S	P	F, MO, TX, ML, SQ	(BDX28-6)	2N6346		2N5068	06
2N4903	S	P	F, MO, TX, ML, SQ	(BDX29-6)	2N6247		2N5069	06
2N4904	S	P	TX, MO, SE, F, ML	(BDX27-6)	2N6469	2N6246	2N4913	06
2N4905	S	P	F, MO, TX, Ss, ML	(BDX28-6)	2N6246		2N4914	06
2N4906	S	P	F, MO, TX, ML, Ss	(BDX29-6)	2N6247		2N4915	06
2N4907	S	P	F, SQ		2N3791	2N6246		06
2N4907					2N4909			06
2N4908	S	P	F, SQ		2N3791	2N5875		06
2N4908					2N6246			06

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N4909	S	P	F, SQ			2N3790	2N5878			06
2N4909						2N6247	2N5745			06
2N4910	S	N	MO, F, SM, TR, TW			2N6374	2N6470	2N4898		06
2N4910						(2N3054)	2N6250			06
2N4910						2N4911				06
2N4911	S	N	MO, F, SM, TR, TW			2N6373	2N6471	2N4899		06
2N4911						2N3054	2N4912			06
2N4912	S	N	MO, F, SM, TR, TW			2N6372	(2N3054)	2N4900		06
2N4912						2N6261	2N4911			06
2N4913	S	N	TX, MO, F, SM, SQ	(BUY55)		2N6470	2N6253	2N4904		06
2N4914	S	N	TX, MO, F, SM, PP	(BUY55)		2N6472	2N3055	2N4905		06
2N4915	S	N	TX, MO, F, PP, SM	(BUY55)		2N6472	2N6254	2N4906		06
2N4916	S	P	F, NS, SG, CA, RY	(BC415A)	BFX48			2N3693		13
2N4917	S	P	F, CA, RY, TI, SG	(BC415B)	BFX48			2N3694		13
2N4918	S	P	MO, UP, NP	BD240	BD438	TIP30	2N6124			06
2N4918				BD132		SDC445				06
2N4919	S	P	MO, NP, UP	BD240A	BD440	TIP30A	2N6125			06
2N4919				BD138		SDD445				06
2N4920	S	P	MO, UP, NP	BD240B	BD442	TIP30B	TIP30A			06
2N4920				BD140		2N6126	SOE445			06
2N4921	S	N	MO, NP, UP	BD239	BD437	TIP29	2N6121			06
2N4921				BD131		SDC345				06
2N4922	S	N	MO, UP, NP	BD239A	BD439	TIP29A	2N6122			06
2N4922				BD137		SDD345				06
2N4923	S	N	MO, NP, UP	BD239B	BD441	TIP29B	TIP29A			06
2N4923				BD139		2N6123	SOE345			06
2N4924	S	N	MO, SM, TR, UP HS	(BF457)						02
2N4925	S	N	MO, SQ, UP, HS, TR	(BF457)						02
2N4926	S	N	MO, F, SZ, TR, TX	BF258	(BF458)	2N3440				02
2N4927	S	N	MO, F, SZ, TR, ET	BF258	(BF458)	2N3440				02
2N4928	S	P	TX, MO, TR, SM	BF228						01
2N4929	S	P	MO, SQ, TR, SM	BFY28A		2N5415				01
2N4930	S	P	MO, IC, SQ, TR, SZ	BF228B		2N5415				01
2N4931	S	P	IC, SM, SQ, TR, MO	BFY28C		2N5415	2N5416			01
2N4934	S	N	NS			2N4252				02
2N4935	S	N	NS			2N4252				02
2N4936	S	N	NS			2N5449				02
2N4944	S	N	F, CA, NP, TI, CN	(BSX45-6)		2N4252				01
2N4945	S	N	F, NP, TI, CN, RY	(BSX46-6)						01
2N4946	S	N	F, ET, RY, TI, CN	(BSX45-6)		2N5449				01
2N4951	S	N	SP, GE, ML, TR, CN	BC337		2N3705	2N5450			01
2N4951						2N4400	2N3641			01
2N4952	S	N	SP, Ss, CN, GE, ML	BC337		2N3704	2N5499			01
2N4952						2N4401	2N3643			01
2N4953	S	N	SP, Ss, GE, ML, TR	BC337		2N4401	2N3643			01
2N4954	S	N	SP, Ss, GE, ML, TR	BC338		2N5449	2N4400			01
2N4954						2N4401	2N3641			01
2N4960	S	N	F, TR, SQ	BSX46-10		SE6020		2N2905A		01
2N4961	S	N	F, SQ, TR, CN	BSX47-10		SE6021		2N4033		01
2N4962	S	N	F, SQ, TR, CN	(BSX46-10)		SE6022		2N2907A		01
2N4963	S	N	F, TR, SQ	(BSX47-10)		SE6023				01
2N4964	S	P	RY, CN, F, NP, TI			2N4060				01
2N4965	S	P	RY, CN, F, NP, TI			2N4058				01
2N4966	S	N	BT, CN, F, NP, RY			TIS99				01
2N4967	S	N	CN, F, BT, RY, NS			TIS99				01
2N4968	S	N	BT, CA, CN, F, NP			TIS99				01
2N4976	S	N	TW			2N4875	TIS39			03
2N4977	J	N	TI, TX			MFE2009	SF84380			
2N4977						2N5433				
2N4978	J	N	TI, TX			MFE2008	SF84381			
2N4978						2N5433				
2N4979	J	N	TI, ES, TX, BT, IL			MFE2007	SF84382			
2N4979						2N4860				
2N4994	S	N	GE, TX, GE, CN	(BC237A)		MPS3693	2N3903			02
2N4994						2N3693	EN3903			02
2N4995	S	N	GE, TX, CN	(BC237B)		MPS3694	2N3904			02
2N4995						2N3694	EN3904			02
2N4996	S	N	TX, CN			2N5770	SE3002			02
2N4997	S	N	TX, CN			2N5770	SE3002			02
2N4997						SE3005				02
2N5002	S	N	F, PP, SQ, TX, KE			2N5347		2N5003		06
2N5003	S	P	F, PP, SQ, TX, KE			2N6188		2N5002		06
2N5004	S	N	F, PP, SD, TR, TX			2N5348		2N5005		06
2N5005	S	P	F, PP, SQ, TX, KE			2N6187		2N5004		06
2N5018	J	P	TI, TX, IL			2N3993	TP5114			

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
2N5019	J	P	TI, TX, IL		2N3993	TP5116		
2N5020	J	P	F, SG, IL		MFE4007	SFB7459		
2N5020					2N2843			
2N5021	J	P	F, IL		MFE4009	SFB7460		
2N5021					2N2608			
2N5022	S	P	F, RY, St, TI, IT		2N2386		2N3725	13
2N5023	S	P	F, RY, St, TI, IT		2N2386		2N3724	13
2N5027	S	N	CN, ID		2N5769	2N3646		10
2N5028	S	N	CN, ID		2N5769	2N3646		10
2N5029	S	N	NS		2N5772	2N4275		
2N5030	S	N	NS		2N5772	2N4274		
2N5031	S	N	MO, KM	(BFR15)	2N3683	2N5032		02
2N5032	S	N	MO, KM	(BFR15)	2N3683	2N5031		02
2N5033	J	P	F, IL, CN		2N5460	2N5265		
2N5033					2N5266	A1T5460		
2N5033					P1069E			
2N5034	S	N	RC		2N3055	TIP33		06
2N5034					2N5877			08
2N5035	S	N	RC		2N3055	TIP33		06
2N5035					2N5877			06
2N5036	S	N	RC		TIP33	2N3055		08
2N5036					2N5877			06
2N5037	S	N	RC	BD181	TIP33A	2N5877		06
2N5038	S	N	RC, TX, PP, F, W	(BUY57)	2N5038			16
2N5039	S	N	RC, TX, PP, F, W	(BUY57)	2N5039			16
2N5040	S	P	F, NP, SS, CN	BSV15-6	2N5041			01
2N5041	S	P	F, SS, CN	BSV15-10				01
2N5042	S	P	F, SS, CN	BSV15-10	BFS45			01
2N5043	G	P	TX	(AFY42)				01
2N5044	G	P	TX	(AFY42)				01
2N5045	S	N	TX, IL, TI, BT, SD		2N3956			
2N5046	J	N	TX, SD, TI, IL		2N3958			
2N5047	J	N	TX, SD, TI, IL		2N3958			
2N5050	S	N	MO, TR, SQ	BDX25-6	2N3584			06
2N5051	S	N	MO, TR, SQ	(BDX25-6)	2N3584			06
2N5052	S	N	MO, TR, SQ	(BDX25-6)	BD400			
2N5053	S	N	AM, PE		SE9331	2N3584		06
2N5054	S	N	AM, SQ, SM		2N918			02
2N5055	S	P	F, NS, CN		2N918			02
2N5056	S	P	F, IT, NS, CN		2N3829	2N4313	2N3013	13
2N5056					2N3829	2N4313	2N2369A	13
2N5057	S	P	F, IT, NS, CN		2N3829	EN2894A		13
2N5058	S	N	F, TX, TR, SQ	BF259	(BF459)	2N3439	2N2369A	01
2N5059	S	N	F, TX, SZ, TR, SQ	BF258	(BF458)	2N5059		01
2N5065	S	N	F, SG	(BSY628)		2N3440		13
2N5066	S	N	CR		2N2432			12
2N5067	S	N	TX, MO, F, SF, PP	(BUY55)	2N6470	2N6254	2N4901	06
2N5068	S	N	TX, MO, F, PP, SF	(BUY55)	2N6472		2N4902	06
2N5069	S	N	TX, MO, F, SF, PP	(BUY55)	2N6472	2N6254	2N4903	06
2N5072	S	N	L, TW, SQ	BLY40				03
2N5073	S	N	LI, SQ, TR, SM	BFW36	BF458	2N5682		02
2N5078	S	N	TI, IL, SD, TD, BT		SF84385	2N4416		
2N5083	S	P	F, SQ, TW, SM, TR		2N3055			16
2N5086	S	P	F, MO, BT	BC416B	BC257A	2N4058	25A565	01
2N5086				BC177	BC307A			01
2N5087	S	P	F, MO, BT	BC416C	BC259A	2N4249		01
2N5087						2N4249		01
2N5087				BC179	BC259B			01
2N5088	S	N	F, MO, BT	BC413C	BC169C	SE4021		01
2N5088				BC237B				01
2N5089	S	N	F, MO, CN, BT	BC413C	BC169C	SE4021		01
2N5089				BC239C				01
2N5091	S	P	IC, SM, SZ, CN		2N5416			01
2N5092	S	N	IC, SM, SQ, CN, SZ		2N3439			01
2N5103	S	N	BT, IL, SD, TI, ES		SF84547	2N3823		
2N5104	J	N	BT, NS, TI, IL, SD		SF84548	2N3823		
2N5105	J	N	BT, NS, TI, IL, SD		SF84549	2N3823		
2N5106	S	N	F, TR	(BSY34)	2N5399	2N4945		01
2N5107	S	N	F, CN, TR	(BSX49)	2N5399	2N4945		01
2N5109	S	N	MO, RC, SV, TD, RY	(BFX55)				03
2N5110	S	P	SZ, TR, CR		2N6783	2N4234		06
2N5111	S	P	SZ, TR, CR		2N4236			08
2N5112	S	P	SZ, CR		2N4234			06
2N5113	S	P	SZ, CR		2N4236			06
2N5114	J	N	SD, NS, SX, IL		2N3993	TP5114		
2N5115	J	P	SD, NS, SX, IL		2N3993	TP5115		
2N5116	J	P	SD, NS, SX, IL		2N3993	SF86046		

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
2N5116					TP5116			
2N5126	S	N	F, CN, ME, SG, St	(8F198)	T1598			01
2N5127	N	N	F, CN, NU, RY, St	(8FX89)	T1598			01
2N5128	S	N	F, CN, ME, RY, TI	(8SY58)	PN5128-18	2N5451	2N5142	01
2N5129	S	N	F, AT, CN, NU, NS	(8SX48)	2N5451		2N5143	01
2N5130	S	N	F, CN, NU, RY, SS	(8FX89)	PN5130-18	2N5450		01
2N5131	S	N	F, CN, BT, CA, St	(8C4138)	2N5451		2N5139	01
2N5132	N	N	F, CN, CA, SG, RY	(8C4138)	2N5451		2N4121	01
2N5133	S	N	F, CA, BT, NU, TI	BC413C	PN5133-18	2N5449		01
2N5134	S	N	F, CN, CA, ME, NU	(8SY17)	PN5134-18	2N4422		13
2N5135	S	N	F, CA, NP, NS, SG	(8C337-25)	PN5135-5		2N5142	01
2N5136	S	N	F, CA, NU, NS, SG	(8C338-16)	PN5136-5		2N5142	01
2N5137	S	N	F, CA, ME, NS, SS	BC338-16			2N5143	01
2N5138	S	P	F, CN, ME, SG, St	BC413C	PN5138-18	2N4061		01
2N5139	S	P	F, BT, CA, NS, SG	(8C308A)	2N3250		2N5137	13
2N5140	S	P	F, NS, St, CN		2N3250			13
2N5141	S	P	F, RY, CN		2N3829			13
2N5142	S	P	F, CN, NS, SG, TI	(8CW78-16)	PN5142-5	2N3829	2N5136	13
2N5143	S	P	F, CN, NU, RY, TI	(8CW75-16)	2N3829		2N5137	13
2N5144	S	N	F, SG	(8SX49)				13
2N5145	S	N	F, SG	(8SY34)				13
2N5147	S	P	F, SD, TR, TX, PP		2N4031	2N5679		06
2N5148	S	N	F, TX, GX, PP, SD	(8SX63-6)	2N5338	2N5681		06
2N5148				BSW10	BSW85			06
2N5149	S	P	F, PP, SQ, TX, CN		2N4033	2N5679		06
2N5150	S	N	F, TX, GX, PP, SD	(8SX63-10)				06
2N5150					2N5336	2N3019		06
2N5151	S	P	F, PP, TR, TX, KE		2N5681			06
2N5152	S	N	F, ES, KE, SM, SQ	BSX63	2N4031			06
2N5152				BSW65	2N5337	2N5336		06
2N5153	S	P	F, PP, TR, TX, KE		2N4033			06
2N5154	S	N	F, ES, KE, TW, TX		2N3019	2N5337		06
2N5157	S	N	MO, TX, DD, SU, CN	(8UY79)	FT423	2N5640		16
2N5158	J	N	CR		MFE2012			06
2N5159	J	N	CR		MFE2012			06
2N5163	J	N	BT, NS, TI, UP, IL		MPF102	2N5246		01
2N5163					2N4300			01
2N5172	S	N	GE, SP, TT, CN	BC1678	2N4400	2N5135		01
2N5174	S	N	GE, CN	(8F457)				01
2N5175	S	N	GE, CN	(8F457)				01
2N5176	S	N	GE	(8F457)				01
2N5179	S	N	MO, RC, TI, SM	(8F555)				02
2N5180	S	N	RC, ES, SM	(8F90)				02
2N5189	S	N	RC, TX, NS, AT, SM	8SY34	BSX45	2N3053		13
2N5189				BSS13				13
2N5190	S	N	MO, NP	BD221	BD241	TIP31	2N6121	06
2N5190				BD437		SDF345	45190	06
2N5191	S	N	MO, UP, NP	BD241A	BD439	TIP31A	2N6122	06
2N5191						SDG345	45191	06
2N5192	S	N	MO, UP, NP	BD241B	BD441	TIP31A	2N6123	06
2N5192						SDH345	4592	06
2N5193	S	P	MO, UP, NP	BD242	BD438	TIP32	2N6124	06
2N5193						SDF445	45193	06
2N5194	S	P	MO, UP, NO	BD242A	BD440	TIP32A	2N6125	06
2N5194						SDG445	45194	06
2N5195	S	P	MO, UP, NP	BD242B	BD442	TIP32A	2N6126	06
2N5195						SDN445	45195	06
2N5196	J	N	SX, SD, TI, UP, IL			MMF5	SF86588	
2N5196						S420988		
2N5197	J	N	SX, SD, TI, IL, TX			MMF5	2N5545	
2N5198	J	N	SX, SD, TI, IL, TX			MMF5	2N5546	
2N5199	J	N	SX, SD, TX, TI, IL			MMF5	2N5547	
2N5202	S	N	CN, RC, SQ, TW, W	BDX25-6		2N5874		16
2N5203	S	N	L	BFW35	BSX45			
2N5208	S	P	MO			2N3905	2N3906	02
2N5208						2N4916		02
2N5209	S	N	F, MO, BT	BC4148	BC237	SE4010		01
2N5209				BC237A	BC237B			01
2N5209				BC237C				01
2N5209				BC414C	BC237C	SE4010		01
2N5210	S	N	F, MO					
2N5210				BC237B	BC237			01
2N5210				BC2388	BC238	EN4124		01
2N5219	S	N	F, MO, UP, BT	BC239	BC238C		2N3221	01
2N5219				BC386L				01
2N5219				BC338-16	BC338	2N5131		01
2N5220	S	N	F, MO, BT, UP, AT				2N5226	01

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2N5220				8C386L						01
2N5221	S	N	F, MO, UP, BT	8C328-16	BC338	2N5143			2N5227	01
2N5221	S	N	MO, UP	BC224						01
2N5222	S	N	F, MO, UP, BT	8F254	8F224	2N5770	2N3563			01
2N5223	S	N	F, MO, BT, UP	8C238C	8C239B	EN4124			2N5227	01
2N5224	S	N	F, MO, UP, BT	8SX48		2N4274			MPSL08	13
2N5225	S	N	F, MO, UB, TU, P	8C338-25	BC338XVI	2N3566			2N5226	01
2N5225	S	N	F, MO, UP, BT	8C338	BC358L					01
2N5226	S	P	F, MO, UP, BT	8C328-25	BC181	2N3638	2N3638A		2N5225	01
2N5227	S	P	F, MO, BT, UP	8C415C	8C224	EN4126			2N4123	01
2N5228	S	P	F, MO, UP, BT	BSS22		2N3639			2N5224	13
2N5232	S	N	GE, ID, SP, CN	(8C167B)		2N5961	2N3565			01
2N5232A	S	N	GE, ID, SP, CN	(BC414B)	BC167A					
2N5236	S	N	F, SG, SQ, SM			2N3564				02
2N5237	S	N	SD, GX, PI, SQ, TW			2N5237				13
2N5239	S	N	RC, SF, SU, SM	BUY77		2N6250				06
2N5240	S	N	RC, SU, SF, SM	BUY78	BDY97	FT411				06
2N5241	S	N	TX, MO, DD, SD, SU	BUX18C	(BUY79)	2N5805				16
2N5244	S	P	F, SG, IT			2N4922				16
2N5245	J	N	TX, IL, TI, BT, NS			2N5486				
2N5246	J	N	TX, IL, BT, NS			2N5484				
2N5247	J	N	TX, NS, IL			2N5486				
2N5248	J	N	TX, NS			MPF102	2N5486			
2N5249	S	N	GE, CN	8C167C	BC167B	2N5961	2N3565			01
2N5249A	S	N	GE, CN	(8C414C)		SE4020				01
2N5254	S	P	CN, IL			TIS51				04
2N5262	S	N	RC, TX, SM, AT	(8SY34)	BFX34	2N5266				13
2N5262	S	N	F, SM, TR, SQ	BSS14						13
2N5264	S	N	F, SM, TR, SQ	(BUY72)		2N5610	2N5804			16
2N5265	J	P	MO, IL			2N2608				
2N5266	J	P	MO, IL			2N2608				
2N5267	J	P	MO, IL			2N2609				
2N5268	J	P	MO, IL			2N2609				
2N5269	J	P	MO, IL			2N2609				
2N5270	J	P	MO, IL			2N2609				
2N5277	S	N	TI, TX, BT			2N3822	SF89221			
2N5277	S	N	TI, TX, BT			U1715				
2N5278	J	N	TI, TX, BT			2N5384	SF89222			
2N5278	J	N	TI, TX, BT			U1715				
2N5279	S	N	IC, SM, SQ, ET, SZ			2N3439				02
2N5280	S	N	IC, SZ, SQ, SM			2N4063				02
2N5281	S	P	IC, SZ, SQ, SM			2N5415				01
2N5282	S	P	IC, SM, SQ, CN, SZ			2N5416				01
2N5284	S	N	F, GX, SM, SQ, TW	BDY90						06
2N5288	S	N	F, SM, SQ, TW, KE	BDY90						06
2N5292	S	P	F			2N4313				13
2N5293	S	N	RC, SE, NP, SD, F	8D220	8D441	TIP31A	2N6123			06
2N5293	S	N	RC, SE, NP, SD, F	8D220	8D441	SD345	2N6122			06
2N5294	S	N	RC, SE, NP, UP, F	8D220	8D441	TIP31A	2N6123			06
2N5294	S	N	RC, SE, NP, UP, F	8D220	8D441	SD345	2N6122			06
2N5295	S	N	RC, SE, NP, SD, F	8D221	8D439	TIP31	2N6121			06
2N5295	S	N	RC, SE, NP, SD, F	8D221	8D439	SDA345	2N6122			06
2N5296	S	N	RC, SE, NP, SD, F	8D221	8D439	2N5298	2N3054			06
2N5296	S	N	RC, SE, NP, SD, F	8D221	8D439	TIP31	2N6121			06
2N5296	S	N	RC, SE, NP, SD, F	8D221	8D439	SDA345	2N6122			06
2N5297	S	N	RC, NP, SD, F	8D222	8D441	TIP31A	2N6122			06
2N5297	S	N	RC, NP, SD, F	8D222	8D441	SDB345	2N6123			06
2N5298	S	N	RC, NP, SD, F	8D222	8D441	TIP31A	2N6122			06
2N5298	S	N	RC, NP, SD, F	8D222	8D441	SDB345	2N6123			06
2N5301	S	N	TX, MO, F, SQ, SM	(BUY57)		2N3771	2N6258		2N4398	06
2N5302	S	N	TX, MO, F, SQ, TF	BDY29	(BUY57)	2N6258			2N4399	06
2N5303	S	N	F, MO, TX, TF, SQ	(BUY57)		2N6258				06
2N5305	S	N	TX, GE, ID, CN	BDY29						04
2N5309	S	N	GE, CN	8C167A		2N5830		2SC458		01
2N5310	S	N	GE, CN	8C167A		2N5961	2N5830	2SC458		01
2N5311	S	N	GE, CN	8C167B		2N5961	2N3635	2SC458		01
2N5311	S	N	GE, CN	8C167B		2N3665				01
2N5312	S	P	SD, PI, SM, TR, CN			2N5386				06
2N5313	S	N	F, SD, PI, SM, TR							06
2N5314	S	P	SD, PP, SO, TR, PI			2N5386				06
2N5316	S	P	SD, PI, SM, TR, CN			2N5384				06
2N5317	S	N	SD, F, PI, SM, TR							06
2N5318	S	P	SD, PI, SM, TR, CN			2N5384				06
2N5320	S	N	F, RC, CN, SM, TR	(BSV17-10)	BSY94					16
2N5320	S	N	F, RC, CN, SM, TR	BSS15						16

TYPE	M/S	POI	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
2N5321	S	N	F, RC, CN, SM, TR	(BSV17-10)	BSS16			16
2N5321	S	N		BSV93				16
2N5322	S	P	F, RC, AT, SQ, TR	(BSV17-10)		2N4036		16
2N5323	S	P	F, RC, CN, SM, SQ	(BSV17-10)	BSS18	2N4036		16
2N5325	G	P	MO, TR, SQ			2N5324		16
2N5331	S	N	TW, KE, SD, TR, GX			2N3265		16
2N5334	S	N	F, MO, SM, TR, TW	BSX63-10				16
2N5335	S	N	F, MO, SM, TR, TW	BSX63-10				16
2N5344	S	P	MO, TR, SQ			2N6211		16
2N5345	S	P	MO, TR, SQ			2N6212		16
2N5354	S	P	GE, SE, ML, SP, NU	(BC327-16)	BC328	MPS3638	2N3638	01
2N5355	S	P	GE, SE, SP, NU, ML	(BC327-16)	BC328	MPS3638A	2N3639A	01
2N5356	S	P	GE, SE, ML, NU, SP	(BC327-25)	BC328	MPS3638	2N3639	01
2N5356	S	P				2N4355		01
2N5358	J	N	MO, NS, TX, IL			2N4220A		
2N5359	J	N	MO, NS, TX, IL			2N4220A		
2N5360	J	N	MO, NS, TX, IL			2N4221A		
2N5361	J	N	MO, TX, NS, IL			2N4221A		
2N5362	J	N	MO, NS, TX, IL			2N4221A		
2N5363	J	N	MO, NS, TX, IL			2N4223		
2N5364	J	N	MO, NS, TS, IL			2N4223		
2N5365	S	P	GE, FR, SP, Ss, ML	(BC327-16)	BC327	2N3644		01
2N5366	S	P	GE, Ss, ML, SP, CN	(BC327-16)	BC337	2N4403	EN2907	01
2N5366	S	P		BC327		2N3644		01
2N5367	S	P	GE, FR, SP, Ss, ML	(BC327-25)	BC327	2N4403	2N3644	01
2N5367	S	P				2N4355		01
2N5368	S	N	GE, SP, ID, FR	BCX73-16				01
2N5369	S	N	GE, SP, ID, FR	BCX73-16				01
2N5370	S	N	GE, FR, ID, SP	BCX73-40				01
2N5371	S	N	GE, SP, ID, FR	BCX73-25				01
2N5372	S	P	GE, SP, ID, FR	BCX75-16				01
2N5373	S	P	GE, SP, ID, FR	BCX75-16				01
2N5374	S	P	GE, SP, ID, FR	BCX75-25				01
2N5375	S	P	GE, SP, ID, FR	BCX75-25				01
2N5386	S	P	TX, PP, SO, TR, SM			2N5380		01
2N5389	S	N	TX, SQ, KS, TR			2N5388		01
2N5391	J	N	TI			2N5358	2N5359	
2N5391	J	N	TI			2N4887A		
2N5392	J	N	TI			2N5360	2N5361	
2N5392	J	N	TI			2N4868A		
2N5393	J	N	TI			2N5360	2N5362	
2N5393	J	N	TI			2N4868A		
2N5394	J	N	TI			2N5361	2N5362	
2N5394	J	N	TI			2N4889A		
2N5395	J	N	TI			2N5362	2N4869A	
2N5396	J	N	TI			2N5362	2N5363	
2N5396	J	N	TI			2N4869A		
2N5397	J	N	SX, IL, TX, BT			MFE2001	2N5078	
2N5398	J	N	SX, BT, IL, TX			MFE2001	2N5078	
2N5400	J	N	MO, F, BT			2N4888		2N5550 01
2N5401	S	P	MO, BT, F			2N4889		01
2N5404	S	P	SD, SM, TR, PP, SQ			2N5384		06
2N5405	S	P	SD, SM, TR, PP, SQ			2N5384		06
2N5406	S	P	SD, SM, TR, PP, SQ			2N5384		06
2N5407	S	P	SD, SM, TR, PP, SQ			2N5384		06
2N5418	S	N	GE	(BC337-18)				01
2N5419	S	N	GE	(BC337-25)				01
2N5420	S	N	GE	(BC337-40)				01
2N5427	S	N	MO, F, KE, SQ, TW	BDX25-6		2N6372		16
2N5429	S	N	MO, GX, F, KE, SQ	BDX25-10		2N6465		16
2N5430	S	N	MO, GX, SM, TR, F	BDX25-10				16
2N5432	J	N	SX, IL, TX, BT, NS			MFE2012	SFC1783	
2N5432	J	N	SX, IL, TX, BT, NS			2N4446		
2N5433	J	N	SX, IL, TX, BT, NS			MFE2012	SFC1784	
2N5433	J	N	SX, IL, TX, BT, NS			2N4447		
2N5434	J	N	SX, IL, TX, BT, NS			MFE2012	SFC1785	
2N5434	J	N	SX, IL, TX, BT, NS			2N4446		
2N5447	S	P	TX, S, GE, TF	BC307	BC177	2N5558	MPS3638A	01
2N5447	S	P	TX, S, GE, TF	BC328	BC307A	2N3638A		01
2N5448	S	P	GE, TX, S, TX, TF	BC307A	BC307	MPS3638	2N3638	01
2N5448	S	P	GE, TX, S, TX, TF	BC307V1				01
2N5449	S	N	GE, TX, TF, S	BC337-25		2N4401	2N3568	01
2N5450	S	N	GE, TX, S, TF	BC337-16		2N4400	SE6001	01
2N5451	S	N	GE, TX, S	BC337-40		2N4401	2N3568	01
2N5452	J	N	SD, IL			MMF5	2N5545	

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
2N5452					2N5561			
2N5453	J	N	SD, IL		MMF5	2N5545		
2N5453					2N5562			
2N5454	J	N	SD, IL		MMF5	2N5546		
2N5454					2N5563			
2N5455	S	P	F, SD				2N3511	13
2N5457	J	N	MO, NS, IL		2N5953	2N4302		
2N5458	J	N	MO, NS, IL		2N5952	2N4303		
2N5459	J	N	MO, NS, IL		2N5951	2N4303		
2N5460	J	P	MO, TX, IL		P1118E			
2N5461	J	P	MO, TX, IL		P1117E			
2N5462	J	P	MO, TX, IL		2N4360			
2N5468	J	N	SD, TR		SE9052			06
2N5471	J	P	MO, SO		2N2841			
2N5472	J	P	MO, SO		2N2842			
2N5473	J	P	MO, SO		2N2606			
2N5474	J	P	MO, SO, IL		2N2607			
2N5475	J	P	MO, SO, IL		2N2607			
2N5476	J	P	MO, SO, IL		2N2607			
2N5484	J	N	MO, NS, TF, IL		2N5246	U1994E		
2N5485	J	N	MO, NS, TF, IL		2N5245	U1994E		
2N5486	J	N	MO, NS, TF, IL		2N5247	U1994E		
2N5490	S	N	RC, SD, NP	(8D439)	2N6122	2N6121		06
2N5491	S	N	RC, SD, NP	(8D439)	2N6122	2N6121		06
2N5492	S	N	RC, SD, NP	(8D441)	2N6120	2N6122		06
2N5493	S	N	RC, SD, NP	(8D441)	2N6130	2N6122		06
2N5494	S	N	RC, SD, NP	(8D439)	2N6131	2N6129		06
2N5494					2N6121			06
2N5495	S	N	RC, SD, NP	(8D439)	2N6129	2N6121		06
2N5496	S	N	RC, SD, NP	(8D441)	2N6131	2N6123		06
2N5497	S	N	RC, SD, NP	(8D441)	2N6131	2N6123		06
2N5515	J	N	SX, TX, IL		2N5561			
2N5516	J	N	SX, TX, IL		2N5545	2N5562		
2N5517	J	N	SX, TX, IL		2N5546	2N5563		
2N5518	J	N	SX, TX, IL		2N5547	2N5563		
2N5519	J	N	SD, SX, TX, IL		2N5045	SU2369		
2N5520	J	N	SX, TX, IL		2N5561			
2N5521	J	N	SX, TX, IL		2N5545	SU2365A		
2N5522	J	N	SX, TX, IL		2N5546	SU2367A		
2N5523	J	N	SX, TX, IL		2N5547	SU2369A		
2N5524	J	N	SX, TX, IL		2N5045	SU2081		
2N5539	S	N	SD, SQ, TW, SM, TR		2N3265			16
2N5543	J	N	TX, TR		2N3822	2N4882		
2N5544	J	N	TX, TR		2N3822	2N4884		
2N5545	J	N	TX, SX, IL		MMF5	2N3954		
2N5546	J	N	TX, SX, IL		MMF5	2N3955		
2N5547	J	N	TX, SX, IL		MMF5	2N3956		
2N5548	J	P	TX		MFE3003			
2N5549	J	N	TX, IL		2N4093			
2N5550	S	N	F, MO, BT	(BF458)	2N5831		2N5400	01
2N5550				BF178				01
2N5551	S	N	F, MO	(BF458)	2N5833			01
2N5551				BF178				01
2N5555	J	N	MO, NS, IL		2N5949	U2047E		
2N5556	J	N	MO, BT, IL		2N3821			
2N5557	J	N	MO, IL, BT		2N5361			
2N5558	J	N	MO, IL, BT		2N5362			
2N5560	S	N	SD, SQ, TW, UN, SM		2N3265			16
2N5561	J	N	SD, UN		SU2365E			
2N5562	J	N	SD, UN		2N5545	2N4085		
2N5563	J	N	SD, UN		2N5547	2N4085		
2N5564	J	N	NS, SX, SD, IL					23
2N5565	J	N	NS, SX, SD, IL					23
2N5566	J	N	NS, SX, SD, IL					23
2N5581	S	N	MO, SQ, TI, SM, TR	BCW74-16				
2N5582	S	N	MO, SQ, TI, SM, TR	BCW74-16				
2N5592	J	N	SD		2N5392			
2N5593	J	N	SD		2N5392			
2N5594	J	N	SD, MO		2N5392			
2N5597	S	P	SQ, TR		2N5955			06
2N5598	S	N	GX, SM, TR, KE, SQ		2N5202	2N6202		06
2N5599	S	P	SQ, TR		2N5954			06
2N5600	S	N	KE, SQ, TW, SM, TR		2N6500	2N3879		06
2N5601	S	P	SQ, TR		2N5954			06
2N5602	S	N	KE, SM, TR, TW, SQ		2N3879			08

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
2N5604	S	N	KE, SQ, SM, TR, TW		2N6500			08
2N5606	S	N	TR, SM, TW, SQ, KE		2N3879			08
2N5608	S	N	KE, SQ, TW, SM, TR		2N389			08
2N5610	S	N	KE, SQ, TW, SM, TR		2N6500			08
2N5612	S	N	KE, SQ, TW, SM, TR		2N6500			08
2N5613	S	P	KE, PP, TR, SQ		2N6246			06
2N5614	S	N	TR, TW, SM, SQ, KE		2N5039			06
2N5615	S	P	TR, PP, KE, SQ		2N6247			06
2N5616	S	N	TW, SQ, KE, SM, TR		2N5038			06
2N5617	S	P	KE, SQ, TR, PP		2N6242			06
2N5618	S	N	KE, SQ, TW, SM, TR		2N5038			06
2N5619	S	P	KE, SQ, TR, PP		2N6248			06
2N5620	S	N	KE, SQ, TW, SM, TR		2N6496	2N5038		06
2N5622	S	N	KE, SQ, TW, SM, TR		2N5881	2N5039		06
2N5623	S	P	KE, SQ, TR, PP		2N5880			06
2N5624	S	N	KE, SQ, TW, SM, TR		2N5878	2N5038		06
2N5625	S	P	KE, SQ, TR, PP		2N5880			06
2N5626	S	N	KE, TR, TW, SQ, SM		2N5882	2N5038		06
2N5628	S	N	TR, TW, SM, KE, SQ		2N6496	2N5038		06
2N5629	S	N	MO, SM, TR, TW, KE		2N5629	2N4348		06
2N5629					(2N4347)	2N6259		06
2N5630	S	N	MO, SM, TR, TW, KE		2N4348	(2N4347)		06
2N5630					2N6259			06
2N5631	S	N	MO, SM, TR, KE, SQ		2N3773	(2N3442)		06
2N5631					2N6259			06
2N5632	S	N	MO, SQ, TW, TR, SM		2N4348	2N4347		06
2N5632					2N3773			06
2N5633	S	N	MO, SQ, TW, SM, TR		2N5630	2N4348		06
2N5633					2N4347	2N3773		06
2N5634	S	N	MO, SQ, TR, SM	BDY37	2N5631	2N3442		06
2N5634					2N3773			06
2N5636	S	N	MO, SD, SV		2N5681			01
2N5638	J	N	MO, NS, IL		T1S73	U1897E		
2N5639	J	N	MO, IL, NS		T1S74	U1899E		
2N5640	J	N	MO, NS, IL		T1S75	U1899E		
2N5647	J	N	SX, IL		MFE2093	TN4119		
2N5648	J	N	SX, IL		MFE2094	TN4119		
2N5649	J	N	SX, IL		MFE2094	TN4119		
2N5653	J	N	MO, NS, IL		2N5639	T1S74		
2N5653					U1897E			
2N5654	J	N	MO, NS, IL		2N5640	T1S75		
2N5654					U1897E			
2N5655	S	N	MO	BF 338	FT47	2N6175		06
2N5656	S	N	MO		FT48	2N6176		06
2N5657	S	N	MO		FT49	2N6177		06
2N5660	S	N	UN, SM, TR, KE, SQ		2N6077	SE9331		16
2N5660					2N6078	2N6233		16
2N5661	S	N	UN, SM, TR, KE, SQ		SE9331	2N6079		16
2N5661					2N6234			16
2N5664	S	N	UN, SM, TR, KE, SQ		2N6077	2N6078		16
2N5664					2N6233			16
2N5665	S	N	UN, SM, TR, KE, SQ		2N6079	2N6234		16
2N5668	J	N	MO, NS, IL		2N5953	2N4302		
2N5669	J	N	MO, NS, IL		2N4303			
2N5670	J	N	MO, NS, IL		U1873E			
2N5671	S	N	RC, TX, PI, TR, TW	(BUY57)	MJ802			16
2N5672	S	N	TX, SE, SG, RC, TR	(BUY58)	2N3265			16
2N5675	S	P	SD, TR, SQ		2N5679			06
2N5678	S	P	SD, TR, SQ		2N3265			16
2N5679	S	P	F, MO, SM, TR, ES	(BSV 17-10)				06
2N5680	S	P	F, MO, SQ, TR, ES	(BSV 17-10)				06
2N5681	S	N	F, MO, SQ, TW, SM	(BSX 47-10)				06
2N5682	S	N	F, MO, SQ, TR, SM	(BSX 47-10)				06
2N5685	S	N	MO, TR, SM		2N5578	2N6032		06
2N5686	S	N	MO, TR, SM		2N5578	2N6032		06
2N5687	J	N	TW, TR		40412			06
2N6716	J	N	MO		ITE4118			
2N6717	J	N	MO		ITE4119			
2N6718	J	N	MO		2N5953	2N4302		
2N6729	S	N	F, PP, SO, TW, GX		2N5336			16
2N6732	S	N	F, KE, SM, TR, TW		2N5303	2N5871		16
2N6733	S	N	F, KE, SM, TR, GX		2N3265			16
2N6734	S	N	F, SM, KE, TR, GX		2N5886	2N5671		16
2N6737	S	P	SD, SQ, TR, SM		2N5875	2N5879		06
2N6737					2N6246	2N3791		06

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
2N5738	S	P	SD, SO, TR, SM		2N6248	2N3792		06
2N5741	S	P	SD, SO, TR, SM		2N5883	2N4399		06
2N5742	S	P	SO, SQ, TR, SM		2N6029			06
2N5743	S	P	SD, SO, TR, SM		2N5883			06
2N5744	S	P	SD, TR, SQ		2N5884			06
2N5745	S	P	MO, TR		2N5884			06
2N5758	S	N	MO, TX, SQ, SM		2N3442	(2N4347)		06
2N5758					2N6262			06
2N5759	S	N	MO, TX, SM, SQ		2N3442	(2N4347)		06
2N5759					2N6282			06
2N5760	S	N	MO, TX, SQ, SM		2N3442	2N6262		06
2N5769	S	N	F	(BSY63)	2N5952	2N5027		
2N5769					2N5028	2N3646		
2N5770	S	N	F	(BFX89)	2N3662	2N3563		
2N5771	S	P			EN2894A		2N5772	
2N5772	S	N	F	(BSY63)	2N3605	2N4275	2N5771	
2N5781	S	P	RC, SM, TR, PI, SQ		2N4236	2N4235		06
2N5782	S	P	RC, SM, TR, PI, SQ		2N4235			06
2N5783	S	P	RC, SM, TR, PI, SQ		2N4234	2N4236		06
2N5784	S	N	RC, SM, TR, PI, SQ	(BSX63-10)	2N4239	2N4237		06
2N5785	S	N	RC, SM, TR, PI, SQ	(BSX63-10)	2N4238			06
2N5786	S	N	RC, SM, TR, PI, SQ	BSX62-10	2N4237	2N4239		06
2N5804	S	N	RC, TW, TR	BUY75	FT411			16
2N5805	S	N	RC, TR	BUY75	FT411			16
2N5810	S	N	GE, SP, FR	8C337-16				01
2N5811	S	N	GE, SP, FR	8C327-16				01
2N5812	S	N	GE, SP, FR	8C337-25				01
2N5813	S	P	GE, SP, FR	8C327-25				01
2N5814	S	N	GE, SP, FR	8C337-16				01
2N5815	S	P	GE, SP, FR	8C327-16				01
2N5816	S	N	GE, SP, FR	8C337-16				01
2N5817	S	P	GE, SP, FR	8C327-16				01
2N5818	S	N	GE, SP, FR	8C337-25				01
2N5819	S	P	GE, SP, FR	8C327-25				01
2N5820	S	N	GE	(8C337-16)				01
2N5821	S	P	GE	(8C327-16)				01
2N5822	S	N	GE	(8C337-16)				01
2N5823	S	P	GE	(8C327-16)				01
2N5824	S	N	GE, SP, FR	8C237A	2N3904	EN3904		01
2N5825	S	N	GE, SP, FR	8C237A	2N3904	EN3904		01
2N5826	S	N	GE, SP, FR	8C237B	2N5961	2N3565		01
2N5827	S	N	GE	8C237B	2N5961	2N3565		01
2N5827A	S	N	GE		2N5961	SE4010		01
2N5828	S	N	GE	(8C237B)	2N5961	SE4002		01
2N5828A	S	N	GE	(8C237B)	2N5961	SE4010		01
2N5830	S	N	F	(8F457)				01
2N5831	S	N	F	(8F458)	2N5832			01
2N5832	S	N	F	(8F458)				01
2N5833	S	N	F	(8F458)				01
2N5838	S	N	RC, SF, TR, SM	BUY75				16
2N5839	S	N	RC, SF, TR, SM	8UY76				16
2N5840	S	N	RC, SF, TR, SM	BUY76				16
2N5841	S	N	MO	(8FW30)				16
2N5842	S	N	MO	(8FW30)				16
2N5845	S	N	F, MO	(8SX49)				10
2N5845A	S	N	F, MO	(8SX49)				10
2N5851	S	N	MO	(8FW30)				10
2N5852	S	N	MO	(8FW30)				10
2N5855	S	P	F, RY	BSV16-16	2N5857		2N5856	01
2N5856	S	N	F, RY	BSX46-16			2N5855	01
2N5857	S	P	F, RY	BSV17-10				01
2N5858	S	N	F, RY	BSX47-10			2N5858	01
2N5861	S	N	MO, RY		2N5321			01
2N5864	S	P	MO, SM, TR, SQ	(8SV17-10)	40634			01
2N5865	S	P	MO, SQ	8SV17-10	40634			10
2N5867	S	P	TX, MO, TR, SQ		2N6246	2N4905		06
2N5867					2N4908			06
2N5868	S	P	MO, TX, TR, SQ		2N6247	2N4906		06
2N5868					2N4909			06
2N5869	S	N	MO, TX, SQ, TR, SF		2N6471	2N4347		06
2N5869								06
2N5869					2N3055	2N4914		06
2N5870	S	N	MO, TX, SF, SQ, TR		2N6472	2N4347		06
2N5870					2N6254	2N4915		06
2N5871	S	P	MO, TX, TR, SQ		2N6246			06
2N5872	S	P	MO, TX, TR, SQ		2N6247			06

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
2N5873	S	N	MO, TX, F, SQ, SF		2N6471	2N4347		06
2N5873					2N3065			06
2N5874	S	N	MO, TX, F, SQ, TR		2N6472	2N4347		06
2N5874					2N6254			06
2N5875	S	P	MO, TR, SQ		2N6246			06
2N5876	S	P	MO, TR, SQ		2N6247			06
2N5877	S	N	MO, TX, F, TR, SQ		2N6471	(2N4347)		06
2N5877					2N6254			06
2N5878	S	N	MO, TX, F, TR, SQ		2N6472	(2N4347)		06
2N5878					2N6254			06
2N5879	S	P	TX, MO, TR, SQ		2N6472	2N6246		06
2N5880	S	P	MO, TR, SQ		2N6247			06
2N5881	S	N	MO, TX, F, SQ, SM		2N6471	(2N4347)		06
2N5881					2N6254			06
2N5882	S	N	MO, TX, F, TR, SM		2N6472	(2N4347)		06
2N5882					2N6254			06
2N5885	S	N	F, MO, TX, SQ, SM		(2N4347)	2N6258		06
2N5886	S	N	F, MO, TX, SQ, TW		(2N4347)	2N6258		06
2N5887	G	P	MO, KS	AUY21II				06
2N5888	G	P	MO, KS	AUY21II				06
2N5889	G	P	MO, KS	AUY21III				06
2N5890	G	P	MO, KS	AUY21III				06
2N5891	G	P	MO, KS	AUY21III				06
2N5892	G	P	MO, KS	AUY22III				06
2N5893	G	P	MO, KS	AUY21IV				06
2N5894	G	P	MO, KS	AUY21IV				06
2N5895	G	P	MO, KS	AUY21IV				06
2N5896	G	P	MO, KS	AUY22IV				06
2N5897	G	P	MO, KS	AUY21IV				06
2N5898	G	P	MO, KS	AUY21IV				06
2N5899	G	P	MO, KS	AUY21IV				06
2N5900	G	P	MO, KS	AUY22IV				06
2N5901	G	P	MO, KS	AUY21IV				06
2N5902	J	N	SX, IL		TD5902			06
2N5903	J	N	SX, IL		TD5903			06
2N5904	J	N	SX, IL		TD5904			06
2N5905	J	N	SX, IL		TD5905			06
2N5906	J	N	SX, IL		TD5906			06
2N5907	J	N	SX, IL		TD5907			06
2N5908	J	N	SX, IL		TD5908			06
2N5909	J	N	SX, IL		TD5909			06
2N5910	S	P	F, NS, BT		PN5910-18		2N4275	10
2N5911	J	N	SX, IL		TD5911			06
2N5912	J	N	SX, IL		TD5912			06
2N5929	S	N	W, SQ, SM		2N5671			16
2N5930	S	N	W, SQ, SM		2N5672			16
2N5932	S	N	W, SQ, SM		2N5671			16
2N5933	S	N	W, SQ, SM		2N5672			16
2N5935	S	N	W, SQ, SM		2N6032			16
2N5936	S	N	W, SQ, SM		2N6033			16
2N5943	S	N	MO, TI, SD	(8FX55)				01
2N5949	J	N	TX		2N5638	U1994E		06
2N5950	J	N	TX		2N5639	U2047E		06
2N5950					2N5485	FE5245		06
2N5951	J	N	TX		2N5640	2N5485		06
2N5951					2N5484			06
2N5952	J	N	TX		2N5640	2N5485		06
2N5952					FE5246			06
2N5953	J	N	TX		2N5640	2N5485		06
2N5953					FE5246			06
2N5954	S	P	RC, TR, SQ	BDX28-6	2N4900			06
2N5955	S	P	RC, TR, SQ	BDX29-6	2N4899			06
2N5956	S	P	RC, TR, SQ	BDX30-6	2N4898			06
2N5959	S	N	TR, SM		2N5484	2N5486		06
2N5959					FE4245	FE4247		06
2N5960	S	P	TR		2N5958			06
2N5961	S	N	F, BT	(8C414C)				02
2N5961-18	S	N	F, BT	(8C414C)	SE4020			02
2N5962	S	N	F, BT	(8C414C)				02
2N5962-18	S	N	F, BT	(8C414C)	SE4021			02
2N5963	S	N	F, BT	(8C413C)				02
2N5966	S	N	TR		2N3265			06
2N5968	S	N	TR		2N3265			06
2N5970	S	N	SM, SQ		2N5302	2N6472		16
2N5970					2N6254			16

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
2N5971	S	N	SM, SQ		2N5302	2N6472		16
2N5971	S	N	SM, SQ		2N6254			16
2N5972	S	N	SM, SQ		2N5302	2N6472		16
2N5972	S	N	SM, SQ		2N6254			16
2N5973	S	N	SM, SQ		2N6254	2N3714		16
2N5974	S	P	MO	(BD440)	2N6489	TIP32		06
2N5975	S	P	MO	(BD442)	2N6490	TIP32A		06
2N5975	S	P	MO		2N6132			06
2N5976	S	P	MO	(BD442)	2N6491	TIP32B		06
2N5976	S	P	MO		2N6132			06
2N5977	S	N	MO	(BD439)	2N6486	TIP31		06
2N5977	S	N	MO		2N6129			06
2N5978	S	N	MO	(BD441)	2N6487	TIP31A		06
2N5979	S	N	MO	(BD441)	2N6488	TIP31B		06
2N5979	S	N	MO		2N6129			06
2N5980	S	P	MO		2N6489	2N6132		06
2N5981	S	P	MO		2N6490	2N6134		06
2N5982	S	P	MO		2N6491			06
2N5983	S	N	MO		2N6486	2N6129		06
2N5984	S	N	MO		2N6487	2N6130		06
2N5985	S	N	MO		2N6488	2N6131		06
2N5986	S	P	MO		2N6489	FT2955		06
2N5987	S	P	MO		2N6490	FT2955		06
2N5988	S	P	MO		2N6491			06
2N5989	S	N	MO		2N6486	FT3055		06
2N5990	S	N	MO		2N6487	FT3055		06
2N5991	S	N	MO		2N6488			06
2N5998	S	N	GE	BC337-25	2N5961	SE4020		01
2N5999	S	P	GE	(BC327-25)	2N5086	2N4248		01
2N6000	S	N	GE	(BC337-16)	2N3904	EN3904		01
2N6001	S	P	GE	(BC327-16)	2N3906	EN3906		01
2N6002	S	N	GE	(BC337-40)	2N5088	SE4020		01
2N6003	S	P	GE	(BC327-40)	2N5086	2N4248		01
2N6004	S	N	GE	(BC337-16)	2N3904	EN3904		01
2N6005	S	P	GE	(BC327-16)	2N3906	EN3906		01
2N6006	S	N	GE	(BC337-40)	2N5088	SE4020		01
2N6007	S	P	GE	(BC327-40)	2N5086	2N4248		01
2N6008	S	N	GE	(BC337-40)	2N5088	SE4020		01
2N6009	S	P	GE	(BC327-40)	2N5086	2N4248		01
2N6010	S	N	GE	(BC337-16)	MPSA05	MPSA06		01
2N6010	S	N	GE		SE6020	2N5856		01
2N6011	S	P	GE, St	(BC327-16)	MPSA55	MPSA56		01
2N6011	S	P	GE, St		2N5857			01
2N6012	S	N	GE, St	(BC337-40)	MPSA05	MPSA06		01
2N6012	S	N	GE, St		SE6020	2N5856		01
2N6013	S	P	GE, St	(BC327-40)	MPSA55	MPSA56		01
2N6013	S	P	GE, St		2N5757			01
2N6014	S	N	GE, St	(BC337-16)	MPSA05	MPSA06		01
2N6014	S	N	GE, St		SE6020	2N5857		01
2N6015	S	P	GE, St	(BC327-16)	MPSA55	MPSA56		01
2N6015	S	P	GE, St		2N5857			01
2N6018	S	N	GE, St	(BC337-40)	MPSA05	MPSA06		01
2N6016	S	N	GE, St		SE6020	2N5856		01
2N6017	S	P	GE, St	(BC327-40)	MPSA55	MPSA56		01
2N6017	S	P	GE, St		2N5857			01
2N6034	S	P	MO	BDX34				06
2N6035	S	P	MO	BDX34A				06
2N6036	S	P	MO	BDX34B				06
2N6037	S	N	MO	BDX33				06
2N6038	S	N	MO	BDX33A				06
2N6039	S	N	MO					06
2N6040	S	P	MO	BDX34A	SE9300			06
2N6041	S	P	MO	BDX34B	SE9301			06
2N6042	S	P	MO	BDX34C	SE9302			06
2N6043	S	N	MO	BDX33A	SE9300			06
2N6044	S	N	MO	BDX33B	SE9301			06
2N6045	S	N	MO	BDX33C	SE9302			06
2N6046	S	N	W, TW, SM		2N3266			16
2N6047	S	N	W, TW, SM		2N3265			16
2N6048	S	N	W, SM		2N3265			16
2N6049	S	P	MO	(BDX30-6)	2N5955	2N4899		06
2N6050	S	P	MO		RCA8350A			06
2N6051	S	P	MO		RCA8350B			06
2N6053	S	P	MO		RCA8350A			06
2N6054	S	P	MO		RCA8350B			06

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
2N6055	S	N	MO		SE9303			06
2N6056	S	N	MO		SE9304			06
2N6057	S	N	MO		2N6384	SE9303		06
2N6058	S	N	MO		2N6385	SE9304		06
2N6059	S	N	N		SE9305			06
2N6062	S	N	TR, SM		2N3265			06
2N6063	S	N	TR		2N3265			06
2N6067	S	P	MO					10
2N6076	S	P	GE	BC307B	2N3906	EN3906		01
2N6077	S	N	RC	(BUY78)	SE9051			16
2N6078	S	N	RC	(BUY77)	SE9051			16
2N6079	S	N	RC	(BUY79)	SE9052			16
2N6098	S	N	RC		FT3055			06
2N6099	S	N	RC		FT3055			06
2N6106	S	P	RC	(BD442)	2N6134	2N6126		01
2N6107	S	P	RC	(BD442)	2N6134	2N6126		01
2N6108	S	P	RC	(BD440)	2N6133	2N6132		01
2N6109	S	P	RC	(BD440)	2N6133	2N6132		01
2N6110	S	P	RC	(BD438)	2N6132			01
2N6111	S	P	RC	(BD438)	2N6132			01
2N6121	S	N	F	(BD437)	2N6920	2N6290	2N6124	06
2N6121					40613	2N4921		06
2N6121					2N5190	2N5295		06
2N6122	S	N	F	(BD439)	2N6292	2N6290	2N6126	06
2N6122					40621	2N4922		06
2N6122	S	N	F	BD241B	(BD441)	2N5297	2N5269	2N6126
2N6123					2N6292	2N4923		06
2N6123					2N5191	2N5496		06
2N6123					2N6497			06
2N6124	S	P	F	(BD438)	2N6109	2N4918	2N6121	06
2N6124					2N5193	D41D		06
2N6124					MJE370			06
2N6125	S	P	F	(BD440)	2N6107	2N6109	2N6122	06
2N6125					2N5194	2N4919		06
2N6125					TIP30A	2N5191		06
2N6126	S	P	F	BD242B	(BD442)	2N6107	2N4920	2N6123
2N6126					2N5195	2N4920		06
2N6126					TIP32C	TIP40B		06
2N6129	S	N	F	(BD437)	2N6290		2N6132	06
2N6130	S	N	F	(BD439)	2N6290		2N6133	06
2N6131	S	N	F	(BD441)	2N6292		2N6134	06
2N6132	S	P	F	(BD438)	2N6109		2N6129	06
2N6133	S	P	F	(BD440)	2N6107	2N6109	2N6130	06
2N6134	S	P	F	BD242B	(BD442)	2N6107	2N6131	06
2N6175	S	N	RC		FT47	2N3440		06
2N6176	S	N	RC		FT48	2N3439		06
2N6177	S	N	RC		FT49	2N3439		06
2N6218	S	N	GE	(BF459)				
2N6219	S	N	GE	(BF458)				
2N6220	S	N	GE	(BF458)				
2N6221	S	N	GE	(BF457)				
2N6222	S	N	GE	BCY65EVII				
2N6223	S	P	GE	BCY77VII				
2N6224	S	N	GE	BCY65EVIII				
2N6225	S	P	GE	BCY77VIII				
2N6229	S	P	MO		2N6248			06
2N6230	S	P	MO		2N6030	2N6292		06
2N6231	S	P	MO		2N6031			06
2N6233	S	N	F, MO	(BUY77)	SE9331	2N3583		16
2N6233					2N6078			16
2N6234	S	N	MO, F	(BUY78)	2N3584	2N6077		16
2N6235	S	N	MO, F	(BUY79)	2N3585	2N6079		16
2N6246	S	P	RC		2N5879	2N3791		06
2N6247	S	P	RC		2N5880	2N3792		06
2N6248	S	P	RC		2N6020			06
2N6249	S	N	RC	(BUY74)				16
2N6250	S	N	RC	(BUY75)				16
2N6251	S	N	RC	(BUY76)				16
2N6253	S	N	RC, SM, SF, PP		2N5882	2N3055		06
2N6254	S	N	RC, SM, SF, PP		(2N4347)	2N5882		06
2N6257	S	N	RC, SM, SF, PP		2N5301	(2N3055)		06
2N6257					2N5882			06
2N6258	S	N	RC, SF, SM, PP		2N5885	2N5303		06
2N6259	S	N	RC, SM, SF, PP		2N5631			06
2N6260	S	N	RC, SF, PP		2N3064	2N4231		06

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
2N6261	S	N	RC, SF, PP	(BDX25-6)	2N3767	2N4233		06
2N6262	S	N	RC, SM, PP		FT4 10	(2N3442)		06
2N6263	S	N	RC, SF, PP	BDX25-6	2N6233			06
2N6264	S	N	RC, SF, PP	(BDX25-6)	2N6233			06
2N6270	S	N	TX		2N5671			06
2N6271	S	N	TX		2N5672			06
2N6272	S	N	TX		2N3265			06
2N6273	S	N	TX		2N3265			06
2N6288	S	N	RC	(BD437)	2N6129			06
2N6289	S	N	RC	(BD437)	2N6129			06
2N6290	S	N	RC	(BD439)	2N6130			06
2N6291	S	N	RC	(BD439)	2N6130			06
2N6292	S	N	RC	(BD441)	2N6131			06
2N6293	S	N	RC	(BD441)	2N6131			06
2N6294	S	N	MO		2N6534			06
2N6295	S	N	MO		2N6534			06
2N6296	S	P	MO		RCA8350A			06
2N6297	S	P	MO		RCA8350B			06
2N6298	S	P	MO		RCA8350A			06
2N6299	S	P	MO		RCA8350B			06
2N6300	S	N			SE9303	2N6534		06
2N6301	S	N			SE9304	2N6534		06
2N6302	S	N	MO		2N3773			06
2N6303	S	P	MO		2N4234			16
2N6306	S	N	MO		TIP 29A			16
2N6307	S	N	MO		TIP 29B			16
2N6308	S	N	MO		TIP 30A			16
2N6309	S	P			TIP 30A			16
2N6312	S	P	MO		2N5956	2N6308		06
2N6313	S	P	MO		2N5955			06
2N6314	S	P	MO		2N5954			06
2N6315	S	N	MO		2N5873			06
2N6316	S	N	MO		2N5874			06
2N6317	S	P	MO		2N5871			06
2N6318	S	P	MO		2N5872			06
2N6326	S	N	TX		2N5302	2N5881		06
2N6327	S	N	TX		2N5806	2N5882		06
2N6329	S	P	TX		2N4399	2N3791		06
2N6330	S	P	TX		2N3792			16
2N6338	S	N	TX, MO		2N5672			16
2N6339	S	N	MO, TX		2N5672			16
2N6354	S	N	RC		2N5630	(2N3442)		16
2N6359	S	N	MO		2N5886	2N3773		06
2N6360	S	N	MO		2N4348			06
2N6371	S	N	RC		2N3065			06
2N6372	S	N	RC	BDX25-6				06
2N6373	S	N	RC	BDX25-6				06
2N6374	S	N	RC	BDX25-6				06
2N6384	S	N	RC		SE9303			06
2N6385	S	N	RC		SE9304			06
2N6386	S	N	RC		SE9300			06
2N6387	S	N	RC		SE9300			06
2N6388	S	N	RC		SE9301			06
2N6406	S	P	MO		RCP700B			06
2N6407	S	P	MO		RCP700C			06
2N6408	S	N	MO		RCP701B			06
2N6409	S	N	MO		RCP701C			06
2N6410	S	N	MO	8D221				06
2N6411	S	P	MO	8D224				06
2N6412	S	N	MO	8D221	RCP701A			06
2N6413	S	N	MO	8D222	RCP701B			06
2N6414	S	P	MO	8D224	RCP700A			06
2N6415	S	P	MO	8D225	RCP700B	RCP701C		06
2N6416	S	N	MO		TIP 29B	RCP701C		06
2N6417	S	N	MO		RCP701D			06
2N6418	S	P	MO		TIP 30B	RCP700C		06
2N6419	S	P	MO		RCP700D			06
2N6420	S	P	MO		2N6211			06
2N6421	S	P	MO		2N6212			06
2N6422	S	P	MO		2N6212			06
2N6423	S	P	MO		2N6212			06
2N6424	S	P	MO		2N6211			06
2N6425	S	P	MO		2N6212			06
2N6436	S	P	MO		2N5671			16
2N6437	S	P	MO		2N5672			16

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
2N6438	S	P	MO		2N5672			18
2N6461	S	N	TX		2N3439			01
2N6470	S	N	RO		2N6569			
2N6471	S	N	RC		2N3055			
2N6472	S	N	RC		2N5882			
2N6487	S	N	RC		FT3055			
2N6490	S	P	RC		FT2956			
2N6496	S	N	RC		2N5830			
2N6516	S	N	MO				2N6518	08
2N6516	S	N	MO				2N6519	08
2N6517	S	N	MO				2N6520	08
2N6518	S	P	MO				2N6515	08
2N6519	S	P	MO				2N6516	08
2N6520	S	P	MO				2N6517	08
2N6542	S	N	MO		FT411	2N6510		
2N6543	S	N	MO		2N6510			
2N6544	S	N	MO		FT430	2N6510		
2N6545	S	N	MO		2N6251	2N6510		
2N6551	S	N	MO		RCP701B			
2N6552	S	N	MO		RCP701C			
2N6554	S	P	MO		RCP700B			
2N6555	S	P	MO		RCP700C			
2N6556	S	P	MO		RCP700D			
2N6557	S	N	MO		RCP1138			
2N6558	S	N	MO		RCP113C			
2N6559	S	N	MO, SD		RCP113D			
2N6563	S	N	MO		RCP701D			
2N6568	S	N	MO		2N6559	2N3055		
2NJ5A	G	P		AF185				
2NJ8A	G	P		AF185				
2NJ9A	G	P		AC128	2N2431			
2NJ9D	G	P		AC128	2N2431			
2NJ50	G	P		AF185				
2NJ51	G	P		AF185				
2NU40	G	P		AC126	2N2429			
2NU70	G	P		AC126	2N2429			
2S001	G	P		AF178	2N2495			
2S12	G	P	TX	AF185				
2S13	G	P	TX	AF185				
2S14	G	P	TX	AC128	2N2431			
2S15	G	P	TX	AC128	2N2431			
2S15A	G	P	TX	AC128	2N2431			
2S22	G	P	TX	AC128	2N2431			
2S24	G	P	TX	AC128	2N2431			
2S25	G	P	TX	AF185	2N2431			
2S30	G	P		AF185				
2S31	G	P		AF185	2N410	2N412		
2S31	G	P		AF137				
2S32	G	P		AC128	2N2431	2N611		
2S32	G	P		AC153				
2S33	G	P	TX	AC128	2N2431	2N610		
2S33	G	P	TX	AC132	AC153			
2S34	G	P	TX	AC128	AC131	2N2431	2N568	
2S34	G	P	TX	AC153				
2S35	G	P	TX	AF185	AF133	2N111		
2S35	G	P	TX	AF137				
2S36	G	P	TX	AF185	AF127	2N112		
2S36	G	P	TX	ASY26				
2S37	G	P	TX	AC128	AC131	2N2431	2N106	
2S37	G	P	TX	AC132	AC153			
2S38	G	P		AC128	AC131	2N2431	2N270	
2S38	G	P		AC153				
2S39	G	P		AC128	AC125	2N2431	2N115	
2S39	G	P		AC163				
2S40	G	P		AC128	ASY27	2N2431		
2S41	G	P		AD149	AD150	2N2838	2N269	
2S41	G	P		AF134	AF135			
2S41A	G	P		AD149	AD150	2N2838	2N268	
2S41A	G	P		AF135	AF134			
2S42	G	P		AD131	ASZ15	2N387		
2S42	G	P		AUY28				
2S43	G	P		AC128	AF132	2N2431	2N640	
2S43	G	P		AF137	AF134			
2S44	G	P		AC128	AC126	2N407	2N408	
2S44	G	P		AC131				

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	US
2S45	G	P		AF185	AF127	2N409	2N410	
2S45	G	P		AF133	AF137			
2S46	G	P		AF185	AF128			
2S49	G	P		AF185	AF133	2N410		
2S49	G	P		AF137				
2S52	G	P		AF185	AF128	2N411	2N412	
2S52	G	P		AC153				
2S53	G	P		AF185	AF133	2N409	2N410	
2S53	G	P		AF137				
2S54	G	P		AC126	AC128	2N408	2N410	
2S54	G	P		AC131	AC132			
2S54	G	P		AC153				
2S58	G	P		AC128	AC131	2N2431	2N408	
2S56	G	P		AC153				
2S60	G	P		AF185		2N412		
2S80A	G	P		AF185		2N412		
2S91	G	P		AF185	AC153	2N2700	2N370	
2S91	G	P		AF138				
2S92	G	P		AF185		2N411		
2S92A	G	P		AF185		2N411		
2S93	G	P		AF185		2N140		
2S93A	G	P		AF185		2N412		
2S101	S	P TX				2N726		
2S109	G	P		AF185	AF135	2N360		
2S109	G	P		AF136				
2S110	G	P		AF185	AF135	2N371	2N372	
2S110	G	P		AF136				
2S112	G	P		AF185	AF135	2N372		
2S112	G	P		AF136				
2S141	G	P		AF185	AF134	2N372	2N371	
2S141	G	P		AF136				
2S142	G	P		AF185	AF135	2N370		
2S142	G	P		AF138				
2S143	G	P		AF185	AF135	2N373	2N641	
2S143	G	P		AF137				
2S144	G	P		AF185	AF136	2N1108		
2S144	G	P		AF137				
2S145	G	P		AF185	AF134	2N544	2N1110	
2S145	G	P		AF136				
2S146	G	P		AF185	AF126	2N219		
2S146	G	P		AF136				
2S148	G	P		AF126	AF185			
2S148	G	P		AF136				
2S155	G	P		AF185				
2S159	G	P		AF185	AC162			
2S159	G	P		AC170				
2S160	G	P		AF185				
2S163	G	P		AC128	AC131	2N2431		
2S163	G	P		AC153	AC132			
2S178	G	P		AF185		2N140		
2S178	G	P		AC128		2N2431	2N217	
2S301	S	P TX		BCY32				
2S302	S	P TX		BCY33	BCZ10			
2S303	S	P TX		BCY34	BCZ11			
2S304	S	P TX		BCZ10				
2S322	S	P TX		BCZ10				
2S323	S	P TX		BCZ11				
2SA12	G	P HI		(AF127)	AF127	2N4034	2N642	2SA240
2SA12	G	P HI		ASY27	AF185	2N412	2N483	
2SA12	G	P HI		AFY131	AF137			
2SA12H	G	P HI		(AF127)				
2SA13	G	P HI		AF127	AF185	2N4034	2N642	2SA240
2SA13	G	P HI		AF137	AF131			
2SA14	G	P HI		(AF127)	AF185			
2SA14	G	P HI		AF132	AF137			
2SA15	G	P HI		AF126	AF185	2N641	2N411	2SA240
2SA15	G	P HI		AFY15	AF131	2N412		
2SA15	G	P HI		AF136				
2SA16H	G	P HI		(AF126)				
2SA16	G	P HI		AF185	AF137	2N4034	2N642	2SA240
2SA16	G	P HI		AF133		2N411	2N412	
2SA17	G	P HI		(AF127)	AF185	2N412	2N486	
2SA17	G	P HI		AF134	AF136			
2SA17H	G	P HI		(AF127)				
2SA18	G	P HI		(AF126)	AF185	2N412	2N579	

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
2SA18				AF 131	AF 136			
2SA19	G	P	NI	(AF 127)	AF 185			
2SA20	G	P	NI	(AF 127)	AF 185			
2SA21	G	P	NI	(AF 127)	AF 185			
2SA22	G	P		AF 185	AF 132	2N411		
2SA22				AF 136				
2SA23	G	P		AF 127	AF 185	2N4034	2N642	2SA240
2SA23				AF 137	AF 133	2N409		
2SA24	G	P		AF 124	AF 178	2N2495	2N4034	2SA235
2SA24				AF 134	AF 194	2N346	2N370	
2SA24				AF 136				
2SA25	G	P		AF 124	AF 178	2N2495	2N346	2SA235
2SA25				AF 134	AF 194			
2SA25				AF 131				
2SA26	G	P	NI	(ASY26)				
2SA27	G	P		AF 126	AF 185	2N1110		2SA156
2SA27				AF 135	AF 134			
2SA28	G	P	TO	AF 127	AF 185	2N4034	2N642	2SA240
2SA28				AF 137	AF 134			
2SA29	G	P	TO	(AF 127)	AF 185			
2SA29				AF 125	AF 134			
2SA30	G	P	FU	AF 126	AF 185	2N641	2N411	2SA240
2SA30				AFY15	AF 132	2N412		
2SA30				AF 136				
2SA31	G	P	FU	AF 127	AF 185	2N4034	2N646	2SA240
2SA31				AFY15	AF 137	2N374	2N409	
2SA31				AF 133				
2SA32	G	P	FU	(AF 126)				
2SA33	G	P	FU	(AF 126)				
2SA35	G	P	FU	AF 126	AF 185	2N4034	2N646	2SA240
2SA35				AF 127	AFY15	2N411	2N412	
2SA35				AF 132	AF 136			
2SA36	G	P	FU	(AF 126)	AF 185	2N411	2N412	
2SA36				AF 132	AF 136			
2SA37	G	P	TO	AF 126	AF 185	2N4034	2N646	2SA240
2SA37				AF 127				
2SA38	G	P	TO	AF 126	AF 185	2N4034	2N646	2SA240
2SA38				AF 127	AF 137			
2SA38				AF 134				
2SA39	G	P	TO	AF 127	AF 185	2N4034	2N646	2SA240
2SA39				AF 137	AF 134			
2SA40	G	P	FU	(AF 126)	AF 185			
2SA41	G	P	HI	AF 127	AC150	2N4034	2N646	2SA240
2SA41				AF 137	AF 134			
2SA42	G	P	HI	(ASY48)	AF 131			
2SA42				AF 134	AF 137			
2SA43	G	P	FU	AF 125	AF 185	2N1110		2SA156
2SA43				AF 136	AF 131			
2SA44	G	P		AF 185				
2SA44B	G	P		AF 185				
2SA45	G	P		AF 185				
2SA48	G	P		AF 125	AF 185	2N1110		2SA156
2SA48				AF 135	AF 131			
2SA48				AF 134				
2SA49	G	P	TO, DT, TJ	(AF 127)	AF 185	2N416	2N483	
2SA49				AF 135	AF 134			
2SA49				AF 126				
2SA50	G	P	TO	AC121V1	AC152IV	2N4106	2N610	2S32
2SA50				AF 185	AC124r	2N1309	2N683	
2SA50				AV 128	AF 134			
2SA51	G	P	TO	AF 127	AF 185	2N4034	2N646	2SA240
2SA51				AF 137	AF 134	2N212	2617	
2SA51				AF 136				
2SA52	G	P	DT, TJ	AF 126	AF 185	2N641	2N486	2SA240
2SA52				AF 137	AF 131	2N1058		
2SA52				AF 134				
2SA53	G	P	DT, TJ	AF 127	AF 185	2N642	2N4034	2SA240
2SA53				AF 137	AF 134	2N482	2N614	
2SA54	G	P	NI	(AF 106)				
2SA56	G	P	NI	(AC121IV)				
2SA57	G	P	TO	(AF 127)	AF 124	2N346	2N4035	2SA235
2SA57				AF 185	AF 134	2N370	2N384	
2SA57				AF 194	AF 136			
2SA58	G	P	TO	AF 124	AF 127	2N346	2N4035	2SA235
2SA58				AF 185	AF 134	2N1110		

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	US
2SA58	G	P	TO	AF136	AF136					
2SA59				(AF127)	AF185					
2SA59				AF134	AF137	2N370	2N624			
2SA60	G	P	TO	AF124	AF185	2N346	2N4035	2SA235		
2SA60				AF134	AF184	2N371	2N393			
2SA60				AF136						
2SA61	G	P	TO	AF185						
2SA65	G	P	TO	(RSY70V)	ASY27	2N36	2N302			
2SA66	G	P	TO	(ASY70V)	ASY27	2N36	2N302	2SA65		
2SA67	G	P	TO	(ASY70V)	ASY27	2N36	2N302	2SA65		
2SA67						2N1309				
2SA69	G	P	MA	AF178		2N2495				
2SA70	G	P	CE, MA	(AF127)	AF118	2N2495	2N2707	2SA76		
2SA70				AF178	AF136	2N370				
2SA70				HFY15						
2SA71	G	P	CE, MA	(AF127)	AF124	2N2495	2N4035	2SA235		
2SA71				AF178	AF134					
2SA71				AF194	AF131					
2SA72	G	P	TO	AF127	AF185	2N4035	2N542	2SA240		
2SA72				AF136	AF137					
2SA72				AF134						
2SA73	G	P	TO	AF127	AF185	2N4035	2N642	2SA240		
2SA73				AF137	AF134					
2SA74	G	P	TO	AF124	AF185					
2SA74				AF131	AF134					
2SA75	G	P	TO	AF127	AF185	2N4035	2N346	2SA235		
2SA75				AF124	AF134					
2SA75				AF194	AF131					
2SA76	G	P	TO	AF126	AF185	2N641	2N110	2SA240		
2SA76				AF137	AF134					
2SA76				AF136						
2SA77	G	P	TO	AF124	AF185	2N641		2SA240		
2SA77				AF126	AF137					
2SA77				AF131	AF134					
2SA78	G	P	TO	(ASY48V)	ASY75					
2SA78	G	P	TO	(AC121V)						
2SA80	G	P	HI	AF124	AF185	2N641	2N371	2SA240		
2SA80				AF126	AF137					
2SA80				AF134	AF136					
2SA81	G	P	HI	(AF124)	AF185	2N1634	2N1638			
2SA81				AF132	AF136					
2SA82	G	P	HI	(AF124)	AF185	2N373				
2SA82				AF134	AF136					
2SA83	G	P	HI	(AF127)	AF185	2N1634	2N1638			
2SA83				AF134	AF136					
2SA84	G	P	HI	(AF127)	AF185	2N1634	2N1638			
2SA84				AF132	AF136					
2SA85	G	P	HI	(AF127)	AF124	2N544				
2SA85				AF131	AF136					
2SA86	G	P	HI	AF125	AF126	2N641		2SA240		
2SA86				AF137	AF131					
2SA86				AF134	AF135					
2SA87	G	P	HI	(AF125)						
2SA88	G	P	HI	(AF127)						
2SA89	G	P	HI	(AF126)	AF131	2N481				
2SA89				AF134	AF136					
2SA90	G	P	HI	(AF126)	AF131	2N499		2SA90		
2SA90				AF135	AF136					
2SA92	G	P	TO	AF125	AF185	2N1110	2N345	2SA156		
2SA92				AF135	AF132	2N374				
2SA92				AF136						
2SA93	G	P	TO	AF126	AF185	2N641	2N308	2SA240		
2SA93				AF136	AF134	2N417				
2SA94	G	P	HI	(AF126)	AF185					
2SA100	G	P	MA	AF127	AF137	2N4034	2N642	2SA240		
2SA100				AF133	AF136					
2SA101	G	P	MA	AF127	AF185	2N4034	2N642	2SA240		
2SA101				AF137	AF126					
2SA101A	G	P	MR	AF127						
2SA102	G	P	MA	AF127	AF124	2N4034	2N642	2SA240		
2SA102				AF185	AF137					
2SA102				AF181	ASZ20					
2SA103	G	P	MA	AF124	AF127	2N642		2SA240		
2SA103				AF185	AF137					
2SA103				AF181	ASZ20					

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
2SA104	G	P	MA	AF127	AF185	2N4034	2N642	2SA240
2SA104				AF137	AF134			
2SA104				AF135				
2SA105	G	P	FU	(AF127)	AF178	2N2485	2N299	
2SA105				AF130	AF135			
2SA106	G	P	FU	(AF127)	AF185			
2SA107	G	P	FU	(AF127)	AF185			
2SA108	G	P	FU	AF126	AF185	2N1110	2N374	2SA156
2SA108				AF136	AF136			
2SA109	G	P	FU	AF127	AF185	2N4034	2N642	2SA240
2SA109				AF137	AF136	2N374	2N481	
2SA110	G	P	FU	AF126	AF185	2N641	2N373	2SA240
2SA110				AF136	AF131	2N374		
2SA111	G	P	FU	AF125	AF185	2N1110	2N373	2SA156
2SA111				AF135	AF136	2N374		
2SA112	G	P	FU	AF124	AF185	2N4035	2N346	2SA235
2SA112				AF134	AF194	2N374	2N499	
2SA112				AF131	AF136			
2SA113	G	P	FU	(AF124)	AF185			
2SA114	G	P	FU	(AF124)	AF185			
2SA115	G	P	FU	(AF124)	AF185			
2SA116	G	P	FU	AF124	AF178	2N2485	2N4035	2SA235
2SA116				AF134	AF194	2N384	2N346	
2SA116				AF135				
2SA117	G	P	FU	AF124	AF178	2N2485	2N4035	2SA235
2SA117				AF134	AF194	2N1178	2N346	
2SA117				AF130	AF135			
2SA118	G	P	FU	AF124	AF178	2N2485	2N4035	2SA235
2SA118				AF134	AF194	2N1179	2N346	
2SA118				AF130	AF136			
2SA121	G	P	SO	AF125	AF185	2N1110	2N1117	2SA156
2SA121				AF178	AF135	2N1180		2T201
2SA121				AF136				
2SA122	G	P	SO	(AF125)	AF178	2N1178	2N1180	2T201
2SA122				AF185	AFZ12			
2SA123	G	P	SO	AF125	AF178	2N1110	2N1179	2SA156
2SA123				AF185				
2SA124	G	P	SO	AF124	AF178	2N2435	2N4035	2SA235
2SA124				AF134	AF194	2N1180		2T203
2SA124				AF135	AFZ12			
2SA125	G	P	SO	AF124	AF178	2N2485	2N346	2SA235
2SA125				AF134	AF194	2N4035	2N1180	2T205A
2SA125				AFZ12				
2SA126	G	P	NI	(AC121V)				
2SA127	G	P	TO	(ASY70)				
2SA128	G	P	TO	(ASY48IV)	AF185			
2SA129	G	P	TO	(ASY48V)	AF185			
2SA130	G	P	HI	(AF125)	AF185			
2SA131	G	P	HI	(AF125)	AF185			
2SA132	G	P	HI	(AF125)	AF185			
2SA133	G	P	HI	(AF126)	AF185			
2SA134	G	P	HI	(AF125)	AF178	2N2495		
2SA135	G	P	HI	(AF125)	AF178	2N2495		
2SA136	G	P	FU	(AC121VII)	AF185			2SA52
2SA136				AF126	AFY15			
2SA137	G	P	FU	(AC121V)	AF185			
2SA138	G	P	FU	(AC121VII)	AF185			
2SA139	G	P	FU	(AC121V)	AF185			
2SA141	G	P	MT	(AC121V)	ASY26	2N789	2N218	2SA55
2SA141				AF185	AFY16			
2SA141				AF133	AF137			
2SA142	G	P	MT	(AC121V)	ASY27	2N799	2N135	
2SA142				AF127	AF185			
2SA142				AFY15	AF133			
2SA142				AF137				
2SA142A	G	P	MT	(ASY48V)				
2SA143	G	P	MT	AF126	AF185	2N137		
2SA143				AF131	AF136			
2SA144	G	P	MA	HF124	AF185	2N346	2N4035	2SA235
2SA144				AF134	AF195	2N113	2N624	
2SA144				AF130				
2SA145	G	P	MA	AF185	AF130			
2SA146	G	P		AF185	AF133	2N408		
2SA146				AF136				
2SA147	G	P		AF185	AF133			

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2SA199	G	P		AF185	AF132					
2SA199	G	P		AF137						
2SA200	G	P		AF185	AF137					
2SA200	G	P	SN, TS	AF131						
2SA201	G	P		(AC121IV)	AF121			2SA52		
2SA201	G	P		AF185	AF126					
2SA201	G	P		AFY15						
2SA202	G	P	SN, TS	(AC121V)	AF121V			2SA52		
2SA202	G	P		AF185	AFY15					
2SA202	G	P		AF126						
2SA203	G	P	SN, TS	(AC121V)	AF185			2SA52		
2SA203	G	P		AF126	AFY15					
2SA203	G	P		AF133	AF137					
2SA204	G	P	NI	(AC151V)						
2SA205	G	P	NI	(AC151IV)						
2SA206	G	P	NI	(AC151V)	AF185	2N252	2N1305			
2SA206	G	P		AF133	AF137					
2SA207	G	P	NI	(AC151V)						
2SA208	G	P	HI	ASY26	AF126	2N799	2N146	2SA155		
2SA208	G	P		AF130	AF138					
2SA208H	G	P	HI	ASY26						
2SA209	G	P	HI	ASY26	AF127	2N799	2N412	2SA155		
2SA209	G	P		AF133	AF137					
2SA209H	G	P	HI	ASY26						
2SA210	G	P	HI	ASY27	ASY26	2N799	2N307	2SA155		
2SA210H	G	P	HI	ASY27						
2SA211	G	P	HI	ASY26		2N799		2SA155		
2SA212	G	P	HI	ASY26		2N799		2SA155		
2SA212H	G	P	HI	ASY26						
2SA213	G	P	NI	(AF125)	AF178	2N2495				
2SA213	G	P	NI	AF129	AF134					
2SA214	G	P	NI	(AF125)	AF178	2N2495				
2SA214	G	P	NI	AF130	AF135					
2SA215	G	P	NI	(AF125)	AF185					
2SA215	G	P	NI	AF135	AF137					
2SA216	G	P	NI	(AF125)	AF178	2N2495				
2SA216	G	P	HI		AF127					
2SA217	G	P	HI	ASY26						
2SA217H	G	P	HI	ASY26						
2SA218	G	P	SN, TS	(AF127)	AF185					
2SA218	G	P	SN, TS	AF126	AF134					
2SA219	G	P	SN, TS	(AF127)	AF185					
2SA219	G	P	SN	AF126						
2SA220	G	P	SN	(AF127)	AF185					
2SA220	G	P	SN	AF134	AF136					
2SA221	G	P	SN, TS	(AF127)	AF185					
2SA221	G	P	SN, TS	AF126	AF134					
2SA222	G	P	SN, TS	(AF127)	AF185					
2SA222	G	P	SN, TS	AF134	AF136					
2SA223	G	P	SN, TS	(AF127)	AF185					
2SA223	G	P	FU	AF126	AF134					
2SA224	G	P	FU	(AF127)	AF185					
2SA224	G	P	FU	AF134	AF135					
2SA225	G	P	FU	(AF126)						
2SA226	G	P	FU	(AF126)	AF185					
2SA226	G	P	FU	AF134	AF135					
2SA227	G	P	FU	(AF124)	AF178	2N2495				
2SA227	G	P	TO	AF126	AF134					
2SA229	G	P	TO	AF139	AF178	2N2495	11M139	M9031		
2SA229	G	P	TO	AF186						
2SA230	G	P	TO	AF139	AF178	2N2495	11M139	M9031		
2SA230	G	P	HI	AF186						
2SA231	G	P	HI	(AUY18)						
2SA232	G	P	HI	(AUY18)						
2SA233	G	P	HI	(AF127)	AF185	2N136				
2SA233	G	P	HI	AF117	AF126					
2SA234	G	P	HI	(AF127)	AF106			2SA230		
2SA234	G	P	HI	AF185	AF190					
2SA234	G	P	HI	AF136	AFZ12					
2SA235	G	P	HI	(AF127)	AF106	2N2495	2N299	2SA230		
2SA235	G	P	HI	AF178	AF190					
2SA235	G	P	HI	AF135	AFZ12					
2SA235H	G	P	HI	(AF127)						
2SA236	G	P	TO	(AF127)	AF185					
2SA236	G	P	TO	AF127						

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2SA237	G	P	TO	(AF127)	AF185					
2SA238	G	P	NI	(AF139)	AF186					
2SA239	G	P	TO	AF106	AF190			2SA230		
2SA240	G	P	TO	AF106	AF178	2N2495		2SA230		
2SA240	G	P	TO	AF185	AF190					
2SA241	G	P	MA	AF118	AF178	2N2495	2N2207	2SA76		
2SA242	G	P	MA	(AF106)	AF178	2N2495				
2SA242	G	P	MA	AF118						
2SA243	G	P	MA	(AF106)	AF178	2N2495				
2SA243	G	P	MA	AF118						
2SA244	G	P	NI	(AF139)						
2SA245	G	P	NI	(AF139)						
2SA246	G	P	HI	AF106						
2SA247	G	P	HI	(AF106)						
2SA248	G	P	TO	(AC1511V)						
2SA250	G	P	MA	(AF127)	AF185					
2SA251	G	P	FU	(AF127)						
2SA252	G	P	FU	(AF127)						
2SA253	G	P	FU	(AF139)	AF185					
2SA254	G	P	FU	(AC121V)	AF185	2N1058				
2SA254	G	P	FU	AF136	AF186					
2SA255	G	P	FU	(AC1211V)	AC162	2N27	2N211	2SB459		
2SA255	G	P	FU	AC170	AF137					
2SA255	G	P	FU	AF133	AF127					
2SA256	G	P	FU	(AF126)	AF185	2N370				
2SA256	G	P	FU	AF135	AF136					
2SA257	G	P	FU	(AF126)	AF185					
2SA257	G	P	FU	AF130	AF134					
2SA258	G	P	FU	(AF126)	AF185					
2SA258	G	P	FU	AF130	AF134					
2SA259	G	P	FU	(AF126)	AF185	2N247	2N374			
2SA259	G	P	FU	AF134	AF137					
2SA259	G	P	FU	AF135	AF136					
2SA260	G	P	SN, TS	(AF106)						
2SA261	G	P	SN, TS	(AF106)						
2SA262	G	P	SN, TS	(AF106)						
2SA263	G	P	SN, TS	(AF106)						
2SA264	G	P	SN, TS	(AF106)						
2SA265	G	P	SN, TS	(AF106)						
2SA266	G	P	FU	AF124	AF185	2N4035	2N346	2SA235		
2SA266	G	P	FU	AF134						
2SA267	G	P	FU	AF125	AF185	2N1110		2SA156		
2SA267	G	P	FU	AF135	AF131					
2SA268	G	P	FU	AF126	AF185	SET316	2N641	2SA240		
2SA268	G	P	FU	AF138	AF132					
2SA269	G	P	FU	AF127	AF185	2N4034	2N642	2SA240		
2SA269	G	P	FU	AF137	AF133	2N248				
2SA270	G	P	FU	AF125	AF185	2N1110	2N299	2SA156		
2SA270	G	P	FU	AF135	AF133					
2SA271	G	P	FU	(AF127)	AF124	2N4034	2N642	2SA240		
2SA271	G	P	FU	AF185	AF137					
2SA271	G	P	FU	AF132						
2SA272	G	P	FU	AF127	AF185	2N4034	2N642	2SA240		
2SA272	G	P	FU	AF137	AF133					
2SA273	G	P	FU	AF126	AF185	SET316	2N641	2SA240		
2SA273	G	P	FU	AF138						
2SA274	G	P	FU	AF127	AF185	2N4034	2N642	2SA240		
2SA274	G	P	FU	AF137						
2SA275	G	P	FU	AF126	AF185	2N1110		2SA156		
2SA275	G	P	FU	AF135						
2SA276	G	P	TO	(AF127)						
2SA277	G	P	TO	(ASY26)						
2SA278	G	P	TO	(ASY27)						
2SA280	G	P	MA	(AF126)						
2SA281	G	P	MA	(AF126)						
2SA282	G	P	TO	ASY27				2SA311		
2SA283	G	P	TO	ASY27				2SA312		
2SA284	G	P	TO	ASY27				2SA538		
2SA285	G	P	NI	(AF127)	AF185					
2SA285	G	P	NI	AF132	AF134					
2SA286	G	P	NI	(AF127)	AF185					
2SA286	G	P	NI	AF134	AF135					
2SA287	G	P	NI	(AF127)	AF185					
2SA287	G	P	NI	AF134	AF135					
2SA288	G	P	HI	(AF139)						

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
2SA289	G	P	HI	(AF 139)				
2SA290	G	P	HI	(AF 139)				
2SA291	G	P	FU	(AF 127)				
2SA292	G	P	FU	(AF 106)				
2SA293	G	P	FU	(AF 106)	AF 126	SE318	2N641	2SA240
2SA293				AF 137	AF 132	2N267		
2SA293				AF 136				
2SA294	G	P	FU	(AF 106)				
2SA295	G	P	FU	(AC151IV)				
2SA296	G	P	Y	(AC121IV)	AF 126	SE1316	2N641	2SA52
2SA296				AFY15				
2SA297	G	P	Y	(AC121IV)	AF 126	SE1316	2N641	2SA52
2SA297				AFY15				
2SA298	G	P	Y	(AF 127)	AF 185			
2SA301	G	P	MA	(AF 127)				
2SA302	G	P	MA	(AC121IV)				
2SA303	G	P	MA	(AC121IV)				
2SA304	G	P	TO	(AC152)	AF 185			
2SA304gn	G	P	TO	(AC152VI)				
2SA304r	G	P	TO	(AC152IV)				
2SA304ye	G	P	TO	(AC152V)				
2SA305	G	P	TO	(AC152)	AF 185			2SA373
2SA305gn	G	P	TO	(AC152VI)				
2SA305r	G	P	TO	(AC152IV)				
2SA305ye	G	P	TO	(AC152V)				
2SA306	G	P		(AF 127)				
2SA306	G	P		(AF 127)				
2SA307	G	P		(AF 127)	AF 185			
2SA308	G	P	MA	(AF 139)				
2SA309	G	P	MA	(AF 139)				
2SA310	G	P	MA	(AF 139)				
2SA311	G	P	TO	(ASY27)	AF 185			
2SA311				AUY10				
2SA312	G	P	TO	(ASY26)	AF 185			
2SA313	G	P	TO	(AF 127)	AF 185			
2SA313				AF 125	AF 134			
2SA313bl	G	P	TO	(AF 127)				
2SA313gn	G	P	TO	(AF 127)				
2SA313r	G	P	TO	(AF 127)				
2SA313ye	G	P	TO	(AF 127)				
2SA314	G	P	TO	(AF 127)	AF 185			
2SA314				AF 125	AF 134			
2SA314gn	G	P	TO	(AF 127)				
2SA314r	G	P	TO	(AF 127)				
2SA314ye	G	P	TO	(AF 127)				
2SA315	G	P	TO	(AF 127)	AF 126	2N1110		2SA156
2SA315				AF 185	AF 135			
2SA315				AF 134				
2SA315gn	G	P	TO	(AF 127)				
2SA315r	G	P	TO	(AF 127)				
2SA315ye	G	P	TO	(AF 127)				
2SA316	G	P	TO	(AF 127)	AF 185			2SA316
2SA316				AF 125	AF 135			
2SA316				AF 134				
2SA316gn	G	P	TO	(AF 127)				
2SA316r	G	P	TO	(AF 127)				
2SA316ye	G	P	TO	(AF 127)				
2SA321	G	P	TS	AF 127	AF 137	2N4034	2N642	2SA240
2SA322	G	P	SN, TS	(AF 126)	AF 185			
2SA323	G	P	TS	AF 124	AF 185	2N4035	2N436	2SA235
2SA323				AF 134				
2SA324	G	P	TS	AF 125	AF 185	2N1110		2SA156
2SA324				AF 135				
2SA325	G	P	Y	(AC121IV)				
2SA326	G	P	Y	(AC121IV)				
2SA327	G	P	Y	(AF 127)				
2SA329	G	P	TS	AC125				
2SA340	G	P	MA	AF 124	AF 127	2N1110		2SA156
2SA340				AF 85	AF 125			
2SA340				AF 135				
2SA341	G	P	MA	AF 124	AF 185	2N4035	2N346	2SA235
2SA341				AF 121	AF 194			
2SA342	G	P	MA	AF 124	AF 178	2N2495	2N4035	2SA235
2SA342				AF 185	AF 121	2N346		
2SA342				AF 194				

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	U
2SA343	G	P	MA	(AF106)				
2SA344	G	P	MA	(AF106)				
2SA345	G	P	MT	(AF106)				
2SA346	G	P	MT	(AF106)				
2SA347	G	P	MT	(AF106)				
2SA348	G	P	MT	(AF106)				
2SA349	G	P	MT	(AF127)				
2SA350	G	P	HI	AF126	AF127	SET316	2N641	2SA240
2SA350				AF135	AF125			
2SA350				AF130				
2SA350H	G	P	HI	(AF127)				
2SA351	G	P	HI	(AF126)				
2SA352	G	P	HI	(AF126)	AF126	SET316	2N641	2SA240
2SA352				AF137	AF124			
2SA352				AF129	AF134			
2SA353	G	P	HI	AF124	AF137	SET316	2N641	2SA240
2SA353				AF130	AF134			
2SA353A	G	P	HI	(AF124)				
2SA354	G	P	HI	(AF124)				
2SA354A	G	P	HI	(AF124)				
2SA355	G	P	HI	(AF125)				
2SA355A	G	P	HI	(AF125)				
2SA356	G	P	HI	(AF127)				
2SA357	G	P	HI	(AF126)				
2SA360	G	P	HI	(AF127)				
2SA361	G	P	MT	(AF127)				
2SA362	G	P	MT	(AF106)				
2SA363	G	P	MT	(AF125)				
2SA364	G	P	MT	(AF124)				
2SA365	G	P	MT	(AF124)				
2SA366	G	P	MT	(AF124)				
2SA367	G	P	MT	(AF127)				
2SA368	G	P	MT	(AF127)				
2SA369	G	P	MT	(AF127)				
2SA371	G	P	MT	(AC121V)				
2SA374	G	P	MA	(AF124)				
2SA375	G	P	MT	(AF124)				
2SA377	G	P	MA	AF106	AF190			2SA230
2SA378	G	P	MA	(AF106)				
2SA380	G	P	Y	(AF127)	AF185			
2SA381	G	P	Y	(AF127)	AF185			
2SA382	G	P	Y	(AF125)	AF185			
2SA383	G	P	Y	(AF124)	AF185			
2SA384	G	P	Y	(AF126)	AF185			
2SA385	G	P	MA	(AF127)				
2SA400	G	P	FU	(AF127)	AF185			
2SA401	G	P	HI	(AF106)				
2SA402	S	P	SN, TS	(BC107B)				
2SA403	G	P	NI	(AF106)				
2SA404	G	P	NI	(AF139)				
2SA406	G	P	NI	(ASY26)				
2SA407	G	P	NI	(ASY27)				
2SA408	G	P	FU	(AC121VII)				
2SA409	G	P	FU	(AC121VII)				
2SA412	G	P	HI	(AF127)				
2SA414	G	P	MA	(ASY26)				
2SA415	G	P	MA	(ASY26)				
2SA419	G	P	SN, TS	(AF139)				
2SA420	G	P	TS	AF139		2N2244	11N139	M9031
2SA421	G	P	SN, TS	(AF139)				
2SA422	G	P	SN, TS	(AF139)	AF139	2N2244	11N139	M9031
2SA427	G	P	SN, TS	(AF126)				
2SA428	G	P	SN, TS	(AF127)				
2SA430	G	P	TO	(AF139)				
2SA431	G	P	TO	(AF139)				
2SA431A	G	P	TO	(AF139)				
2SA432	G	P	TO	(AF139)				
2SA432A	G	P	TO	(AF139)				
2SA433	G	P	TO	AF126	AF136	SET316	2N641	2SA240
2SA434	G	P	HI	(AF106)				
2SA436	G	P	HI	(AF106)				
2SA436	G	P	HI	(AF106)				
2SA437	G	P	HI	(AF106)				
2SA438	G	P	HI	(AF106)				
2SA440	G	P	SN, TS	(AF139)				

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
ZSA440A	C	P	SN, TS	(AF139)				
ZSA447	C	P	MA	(AF139)				
ZSA454	C	P	SO	AF139	2N2244	IIN139	M9G31	
ZSA455	C	P	SO	AF139	2N2244	IIN139	M9G31	
ZSA456	G	P	SO	AF139	2N2244	IIN139	M9G31	
ZSA457	G	P	TO	(AF127)				
ZSA458	G	P	MT	(AC121VI)				
ZSA459	G	P	MT	(AC121VII)				
ZSA463	G	P	MT	(AF106)				
ZSA467	S	P	TO	(BC327-16)				ZSC367
ZSA467or	S	P	TO	(BC327-16)				
ZSA467ye	S	P	TO	(BC327-16)				
ZSA468	G	P	TO	(AF127)				
ZSA469	G	P	TO	(AF126)				
ZSA470	G	P	TO	(AF124)				
ZSA471	G	P	TO	AF127	AF137	2N4034	2N642	ZSA240
ZSA471				AF126	AF132			
ZSA471				AF136				
ZSA472	G	P	TO	(AF127)				
ZSA473	S	P	TO	(BD438)				ZSC1173
ZSA473gn	S	P	TO	(BD438)				
ZSA473or	S	P	TO	(BD438)				
ZSA473r	S	P	TO	(BD438)				
ZSA473ye	S	P	TO	(BD438)				
ZSA474	G	P	TO				ZSA472	
ZSA475	G	P	TO	(AF127)				
ZSA476	G	P	TO	(AF106)				
ZSA477	G	P	TO	(AF126)				
ZSA478	G	P	TO	(ASY48V)				
ZSA479	G	P	TO	(ASY48V)				
ZSA482	S	P	TO	BC160-6				
ZSA484	S	P	TO	(BSV17)				ZSC484
ZSA484bl	S	P	TO	(BSV17-10)				
ZSA484r	S	P	TO	(BSV17-6)				
ZSA484ye	S	P	TO	BSV17-10				
ZSA485	S	P	TO	BSV17				ZSC485
ZSA485bl	S	P	TO	BSV17-10				
ZSA485r	S	P	TO	(BSV17-6)				ZSC486
ZSA486	S	P	TO	BSV16				
ZSA486bl	S	P	TO	BSV16-16				
ZSA486r	S	P	TO	BSV16-6				
ZSA486ye	S	P	TO	BSV16-10				
ZSA489	S	P	TO	(BD442)	2N6107			ZSC789
ZSA489or	S	P	TO	(BD442)				
ZSA489r	S	P	TO	(BD442)				
ZSA489ye	S	P	TO	(BD442)				
ZSA490	S	P	TO	(BD438)	2N6109			ZSC790
ZSA490or	S	P	TO	(BD438)				
ZSA490r	S	P	TO	(BD438)				
ZSA490ye	S	P	TO	(BD438)				
ZSA493	S	P	TO	(BC416)				ZSC1000
ZSA493gn	S	P	TO	(BC416B)				
ZSA493or	S	P	TO	(BC416A)				
ZSA493ye	S	P	TO	(BC416A)				
ZSA494	S	P	TO	(BC415)				
ZSA494gn	S	P	TO	(BC415B)				
ZSA494or	S	P	TO	(BC415A)				
ZSA494ye	S	P	TO	(BC415A)				
ZSA495	S	P	TO	BC257			ZSA495G	ZSC372
ZSA495or	S	P	TO	BC257A				
ZSA495r	S	P	TO	BC257A				
ZSA495ye	S	P	TO	BC257A				
ZSA496	S	P	TO	BD138				ZSC496
ZSA496or	S	P	TO	BD138-10				
ZSA496r	S	P	TO	BD138-6				
ZSA496ye	S	P	TO	BD138-10				
ZSA497	S	P	TO	BSV17	2N4940			ZSC497
ZSA497or	S	P	TO	BSV17-10				
ZSA497c	S	P	TO	BSV17-6				
ZSA497ye	S	P	TO	BSC17-10				
ZSA498	S	P	TO	BSV16			ZSA497	ZSC498
ZSA498or	S	P	TO	BSV16-10				
ZSA498r	S	P	TO	BSV16-6				
ZSA498ye	S	P	TO	BSV16-16				
ZSA499	S	P	TO	BC177	2N4940			ZSC979

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USI
2SA499or	S	P	TO	BC177A				
2SA499r	S	P	TO	BC177A				
2SA499ye	S	P	TO	BC177A				
2SA500	S	P	TO	8C178	2N4940		2SC400	
2SA500or	S	P	TO	8C178A				
2SA500r	S	P	TO	8C178A				
2SA500ye	S	P	TO	8C178A				
2SA501	S	P	TO	(BC177A)				
2SA503	S	P	TO	8SV16	2N5314	2SA504	2SC503	
2SA503gn	S	P	TO	8SV16-16				
2SA503or	S	P	TO	8SV16-6				
2SA503ye	S	P	TO	8SV16-10				
2SA504	S	P	TO	8SV15	BCW93K	2N4037	2SC504	
2SA504gn	S	P	TO	8SV15-16				
2SA504or	S	P	TO	8SV15-6				
2SA506ye	S	P	TO	8SC15-10				
2SA505	S	P	TO	8D136				
2SA505or	S	P	TO	8D136-10				
2SA505r	S	P	TO	8D136-6				
2SA505ye	S	P	TO	8D136-16				
2SA506	G	P	TO	(AF106)				
2SA506r	G	P	TO	(AF106)				
2SA506ye	G	P	TO	(AF106)				
2SA507	G	P	TO	(AF106)				
2SA507r	G	P	TO	(AF106)				
2SA507ye	G	P	TO	(AF106)				
2SA508	G	P	TO	(AF106)				
2SA509	S	P	TO	(BC327-16)			2SC509	
2SA509or	S	P	TO	(BC327-16)				
2SA509ye	S	P	TO	(BC327-16)				
2SA510	S	P	TO	(BSV17)	BFS90A		2SC510	
2SA510or	S	P	TO	(BSV17-10)				
2SA510r	S	P	TO	(BSV17-6)				
2SA511	S	P	TO	BSV17		2SA510	2SC511	
2SA511or	S	P	TO	BSV17-10				
2SA511r	S	P	TO	BSV17-6				
2SA512	S	P	TO	BSV17	2N5314	2SA511	2SC512	
2SA512or	S	P	TO	BSV17-10				
2SA512r	S	P	TO	BSV17-6				
2SA513	S	P	TO	BSV16		2SA512	2SC513	
2SA513or	S	P	TO	BSV16-10				
2SA513r	S	P	TO	BSV16-6				
2SA517	G	P	TO	(AF126)				
2SA518	G	P	TO	(AF126)				
2SA522	S	P	TO	BC178A			2SC595	
2SA522A	S	P	TO	8C177A				
2SA525	G	P	TO	(AF106)				
2SA530H	S	P	HI	8C177A				
2SA532	S	P	SN, TS	(BC177A)				
2SA537	S	P	HI	BSV16-10				
2SA537A	S	P	HI	8SV17-10				
2SA537AH	S	P	HI	8SV17-10				
2SA537H	S	P	HI	8SV16-10				
2SA538	G	P	TO, DT	(AC151V1)	40359		2SC815	
2SA539	S	P	NI	8C257A				
2SA544	S	P	NI	(BC177A)			2SC32	
2SA545	S	P	NI	(BC257A)			2SC859	
2SA548	S	P	MA	8SV17-10			2SC696	
2SA546A	S	P	MA	8SV17-10			2SC696A	
2SA549	S	P	HI	BC178A				
2SA549A	S	P	HI	BC177A				
2SA549AH	S	P	HI	BC177A				
2SA549H	S	P	HI	BC178A				
2SA550	S	P	MA	8C178B			2SC538	
2SA552	S	P	NI	(BC177A)				
2SA560	S	P	TO		2N4314		2SC660	
2SA561	S	P	TO	BC257		2SA659	2SC734	
2SA561gn	S	P	TO	BC257B				
2SA561or	S	P	TO	BC257A				
2SA561r	S	P	TO	BC257A				
2SA561ye	S	P	TO	BC257A				
2SA562	S	P	TO	(BC327-16)		2SA561	2SC735	
2SA562gn	S	P	TO	(BC327-25)				
2SA562or	S	P	TO	(BC327-16)				
2SA562r	S	P	TO	(BC327-16)				

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
2SA562ye	S	P	TO	(8C327-16)				
2SA564	S	P	MA	8C2588			2SC828	
2SA564A	S	P	MA	8C2578			2SC828A	
2SA565	S	P	HI	(8C327-16)				
2SA565K	S	P	HI	(8C327-16)				
2SA567	S	P	HI	(8C1788)				
2SA571	S	P	NI	8SV16-6			2SC97A	
2SA578	S	P	NI	8C1778			2SC1010	
2SA579	S	P	NI	8C1778			2SC1006	
2SA594	S	P	TO	(8SY34)			2SC594	
2SA594or	S	P	TO	(8SY34)				
2SA594r	S	P	TO	(8SY34)				
2SA594ye	S	P	TO	(8SU34)				
2SA597	S	P	TO	8C161	2N4037			
2SA603	S	P	NI	8CY77V11				
2SA604	S	P	NI	(8F457)				
2SA605	S	P	NI	(8F458)				
2SA606	S	P	NI	8SV17-6			2SC959	
2SA608	S	P	SN, TS	(8C257A)				
2SA609	S	P	SN, TS	(8C257A)				
2SA617K	S	P	HI	(8C177A)				
2SA618K	S	P	HI	(8C177A)				
2SA623	S	P	MT	(8D136)			2SC1013	
2SA624	S	P	MT	(8D136)			2SC1014	
2SA628	S	P	MT	8C258A				
2SA628A	S	P	MT	(8C257A)				
2SA629	S	P	MT	8C2588				
2SA634	S	P	NI	8D136			2SC1096	
2SA636	S	P	NI	8D138			2SC1098	
2SA637	S	P	MA	(8F457)				
2SA639	S	P	NI	(8F457)				
2SA640	S	P	NI	8C257A			2SC1222	
2SA641	S	P	NI	8C257A			2SC923	
2SA642	S	P	NI	8C268A			2SD227	
2SA643	S	P	NI	(8C327-16)			2SD261	
2SA659	S	P	SN, TS	(8C257A)			2SC1175	
2SA661	S	P	TO	(8C257)			2SC1168	
2SA661gn	S	P	TO	(8C257B)				
2SA661or	S	P	TO	(8C257A)				
2SA661r	S	P	TO	(8C257A)				
2SA661ye	S	P	TO	(8C257A)				
2SA670	S	P	HI	(8D440)			2SC1060	
2SA671	S	P	HI	(8D440)			2SC1061	
2SA671K	S	P	HI	(8D440)				
2SA672	S	P	HI	(ASY48V1)				
2SA673	S	P	HI	(8C327-16)			2SC1213	
2SA673A	S	P	HI	(8C327-16)			2SC1213A	
2SA673K	S	P	HI	(8C327-16)				
2SA675	S	P	NI	(8F457)				
2SA677	S	P	SO	(8C2588)				
2SA678	S	P	SO	(8C257B)				
2SA682	S	P	TO	8D140			2SC1382	
2SA682or	S	P	TO	8D140-10				
2SA682ye	S	P	TO	8D140-16				
2SA685	S	P	MA	(8F457)				
2SA699	S	P	MA	(8D136)			2SC1226	
2SA699A	S	P	MA	(8D136)			2SC1228A	
2SA701	S	P	SN, TS	(8C257A)				
2SA702	S	P	SN, TS	(8C257A)				
2SA704	S	P	SO	(8C2588)				
2SA705	S	P	SO	(8C2588)				
2SA708	S	P	NI	8SV17-10				
2SA708A	S	P	NI	8SV17-10				
2SA715	S	P	HI	8D436			2SC1162	
2SA719	S	P	MA	(8C327-16)			2SC1317	
2SA720	S	P	MA	(8C327-16)			2SC1318	
2SA733	S	P	NI	8C2678			2SC945	
2SA738	S	P	HI	8D136			2SC1368	
2SA741H	S	P	HI	8C177A				
2SA743	S	P	HI	8D138			2SC1212WT	
2SA748	S	P	MA	(8D140)				
2SA749	S	P	MA	(8F457)			2SC1398	
2SA754	S	P	HI	(8D440)				
2SA755	S	P	HI	(8D440)			2SC1418	
2SA814	S	P	TO		2N6476		2SC1419	

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	U
2SA815	G	P	TO			2N6475				
2SA1018	G	P		AF185						
2SB12	G	P		AC122	AC125	2N76				
2SB12	G	P		AC163						
2SB13	G	P		AC116	AC128	2N407				
2SB13	G	P		AC153						
2SB14	G	P		AC131	AC152	2N467				
2SB14	G	P	FU	OC76						
2SB16	G	P		AD148	AD149	2N155				
2SB16	G	P		OC30						
2SB17	G	P	FU	AD148	AD149	2N351				
2SB17	G	P		OC30						
2SB22	G	P	FU, TS	(AC151V1)	AC152V	2N1924	2N238	2SB156	2SD30	
2SB22	G	P		AC152	AC128					
2SB22	G	P		AC131						
2SB23	G	P	SN, TS	(AC121V)						
2SB24	G	P	SN, TS	(AC121V)						
2SB26	G	P	TO	(AD131V)	AUY22					
2SB25	G	P		AD138/50	ASZ18					
2SB25	G	P		AD139	AD150					
2SB25	G	P	TO	ASZ16						
2SB26	G	P		(AD130V)	AD148	2N2836	2N1022A	2SB151		
2SB26	G	P		AD149	AD138	2N561				
2SB26	G	P		AD139	AD150					
2SB26A	G	P	TO	(AD131V)						
2SB27	G	P	SO	(AD13011)	AD148	2N2836	2N376			
2SB27	G	P		AD149	AD150					
2SB28	G	P	SO	(AD1301V)	AD148	2N2836	2N351			
2SB28	G	P		AD149	AD150					
2SB29	G	P	SO	(AD130V)	AD148	2N2836	2N351			
2SB29	G	P		AD149	AD150					
2SB30	G	P	SO	AD148	AD149	2N2836	2N255			
2SB30	G	P		OC30						
2SB31	G	P	SO	AD148	AD149	2N2836	2N256			
2SB31	G	P		AD150						
2SB32	G	P	FU	(AC1211V)	AC151	2N2429	2N238	2SB459		
2SB32	G	P		AC126	AC122	2N680				
2SB32	G	P		AC132	AC152					
2SB32	G	P		AC163						
2SB33	G	P	FU	(AC121V1)	AC151	2N2431	2N238	2SB459	2SD33	
2SB33	G	P		AC128	AC122	2N680				
2SB33	G	P		AC126	AC131					
2SB33	G	P		AC153V						
2SB34	G	P	FU	(AC121V1)	AC151	2N2431	2N1381		2SD34	
2SB34	G	P		AC128	AC124					
2SB34	G	P	FU	AC153						
2SB37	G	P		(AC151V1)	AC151	2N2431	2N238	2SB459	2SD37	
2SB37	G	P		AC128	AC131	2N680				
2SB37	G	P		AC126	AC152					
2SB38	G	P	FU	(AC151V1)	AC151	2N2431	2N238	2SB459	2SD38	
2SB38	G	P		AC153	AC128	2N1381				
2SB38	G	P		AC131	AC126					
2SB39	G	P	FU	(AC121V)	AC151	2N2429	2N238	2SB459		
2SB39	G	P		AC126	AC122					
2SB40	G	P	TO	(ASY48V1)	AC151	2N238		2SB459		
2SB40	G	P	FU	AC122/30	AC128					
2SB41	G	P		(AD131V)	AD131	2N2836	T13029	2SB471		
2SB41	G	P		AD148	AD149	2N2065	2N301			
2SB42	G	P	FU	(AD131V)	AD132	2N2065		2SB472		
2SB42	G	P		AD149	ASZ16					
2SB43	G	P	TP	(ASY48V)	AC151	2N238		2SB459	2SD43	
2SB43	G	P		AC122						
2SB43A	G	P	TO	(ASY48V)						
2SB44	G	P	TO	(AC151VII)	AC128	2N2431			2SD43A	
2SB46	G	P	TO	(AC151VII)	AC128	2N2429	2N217		2SD44	
2SB46	G	P		AC152	AC162					
2SB46	G	P		AC170						
2SB47	G	P	TO	(AC151VII)	AC126	2N2429				
2SB47	G	P		AC132	AC152IV					
2SB47	G	P		ASY80						
2SB48	G	P	SO	(ASY26)	AC126	2N2429	2N1146	2T312		
2SB48	G	P		AC125	AC163					
2SB49	G	P	SO	(ASY27)	AC126	2N2429	2N2433			
2SB49	G	P		AC131	AC153					
2SB50	G	P	SO	(ASY27)	AC126	2N2429	2N1606	2T315		

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2SB50				AC131	AC152					
2SB50				AC153						
2SB51	G	P	SO	(ASY26)	AC128	2N2431	2N1383	2T322		
2SB51				AC131	AC153					
2SB52	G	P	SO	(ASY27)	AC128	2N2431	2N1413	2T324		
2SB52				AC131	AC153					
2SB53	G	P	SO	(ASY27)	AC128	2N2431	2N1307	2T383		
2SB53				AC131	AC153					
2SB54	G	P	TO, DT	AC151V	AC161VII	2N2431	2N408	2SB43		
2SB54				AC128	AC122					
2SB54				AC125	AC152					
2SB55	G	P	TO	(AC151V)	AC151	2N2431	2N238	2SB459		
2SB55				AC128	AC131/30					
2SB55				AC124	AC153					
2SB56	G	P	TO, DT	AC128	AC151V	2N2431	2N680			
2SB56				AC126	AC153					
2SB56A	G	P	TO	AC151V						
2SB57	G	P	FU	(AC151V)	AC151	2N2431				
2SB57				AC128	AC128					
2SB57				AC152V						
2SB58	G	P	FU	AC128		2N2431				
2SB59	G	P	FU	(AC151V)	AC151VI	2N2429				
2SB59				AC126	AC122gr					
2SB59				AC125						
2SB60	G	P	FU	(AC151V)	AC128	2N2429				
2SB60A	G	P	FU	AC151V	AC151VI	2N2429				
2SB60A				AC126	AC131					
2SB60A				AC128						
2SB61	G	P	FU	AC151VI	AC126	2N2429	2N680			
2SB61				AC125	AC122gr					
2SB61				AC117	AC153					
2SB62	G	P	TO	(AD131V)	AD139					
2SB62				ASZ16						
2SB63	G	P	TO	(AD130V)	AD149	2N2836				
2SB63				AD139						
2SB64	G	P	TO	(AD163V)	AC131	2N422	2N467			
2SB64				AC152	OC76					
2SB65	G	P	FU	AC151V	AC122	2N36	2N1394			
2SB65				AC128	AC131					
2SB65				AC162	AC126					
2SB66	G	P	HI	(AC151V)	AC151VI	2N2429	2N2431			
2SB66				AC151VII	AC126					
2SB66				AC128	AC131					
2SB66				AC125						
2SB66H	G	P	HI	(AC151V)						
2SB67	G	P	HI	(ASY48V)	AC153	2N467		2SB222		
2SB67				AC124	AC128					
2SB67A	G	P	HI	(ASY48V)						
2SB67AH	G	P	HI	(ASY48VI)						
2SB67H	G	P	HI	(ASY48VI)						
2SB68	G	P	HI	AC122/30	AC122			2SB460		
2SB68				ASY48	ASY77					
2SB68				ASY81						
2SB69	G	P	TO	(AD131V)		2N2429				
2SB70	G	P		AC126						
2SB71	G	P		AC126	AC152IV	2N2429				
2SB71				AF126						
2SB73	G	P	HI	(AC121V)	AC126	2N2429		2SB459		
2SB73				AC151	AC122					
2SB74	G	P	HI	(AC121V)	AC126	2N2429	2N105			
2SB74				AC125	AC183					
2SB75	G	P	HI	(AC151V)	AC126	2N2429	2N34			
2SB75				AC162	AC163					
2SB75				AC170						
2SB75A	G	P	HI	AC151V	AC122			2SB459		
2SB75AH	G	P	HI	(ASY48V)						
2SB75H	G	P	HI	(ASY70V)						
2SB76	G	P	HI	(AC121IV)	AC126	2N2429	2N408			
2SB76				AC151	AC152					
2SB77	G	P	HI	(ASY70VI)	AC128	2N2431	2N41			
2SB77				AC151IV	AC125					
2SB77				AC131	AC183					
2SB77A	G	P	HI	(ASY48VI)	AC183VI					
2SB77AH	G	P	HI	(ASY48V)						
2SB77H	G	P	HI	(ASY70V)						

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2SB78	G	P	HI	(AC121V)	AC128	2N2431	2N43			
2SB78	G	P		AC152	AC153					
2SB79	G	P		AC128	AC117	2N2431	2N178A			
2SB79	G	P	HI	AC153						
2SB80	G	P	HI	(AD130V)	AD149	2N2836				
2SB80				AD139						
2SB81	G	P	HI	(AD132V)						
2SB82	G	P	HI	(AD1631V)						
2SB83	G	P	HI	(AD1311V)	AD149	2N2836	2N1295			
2SB83				AD131	AD150					
2SB84	G	P	HI	(AD1311V)	AC149					
2SB84				AD150						
2SB85	G	P	HI	(AUJ21111)						
2SB86	G	P	HI	(AUJ21111)	AD148	2N1291				
2SB86				CTP1104	OC30					
2SB87	G	P	HI	(AUJ22111)	AD131	2N387				
2SB87				CTP1313	OC26					
2SB89	G	P	HI	(ASY70V)	AC151V	2N2431	2N1381			
2SB89				AC128	AC122gr					
2SB89				AC125	AC1521V					
2SB89				AC163						
2SB89A	G	P	HI	(ASY48V)						
2SB89AH	G	P	HI	(ASY48V)						
2SB89H	G	P	HI	(ASY70V)						
2SB90	G	P	TO	(AC121V)	AC126	2N2429				
2SB90				AC162	AC170					
2SB91	G	P	TO	(AC121V)	AC128	2N2431				
2SB91				AC131	AC132					
2SB91				AC153						
2SB92	G	P		AC128		2N2431				
2SB94	G	P	TO	(AC151V1)	AC128	2N2431	2N2447	2SB459		
2SB94				AC151	AC122	2N44A				
2SB94				AC131	AC152					
2SB94				AC153						
2SB95	G	P		AC128		2N2431				
2SB97	G	P	TO	(AC121V)	AC126	2N2429				
2SB98	G	P	HI	(ASY27)	ASY26	2N2431	2N799	2SA155		
2SB98				AC128	AC125	2N45				
2SB98				AC153						
2SB99	G	P	NI	(ASY27)	AC128	2N2431	2N633			
2SB99				AC152	AC153					
2SB100	G	P	NI	(ASY27)	ASY26	2N2429	2N799	2SA155		
2SB100				AC126	AC122	2N130				
2SB100				AC162	AC163					
2SB101	G	P	NI	(ASY27)	ASY26	2N2431	2N799	2SA155		
2SB101				AC128	AC131	2N43				
2SB101				AC152						
2SB102	G	P	NI	AC128	AC117	2N2431	2N188			
2SB102				AC153						
2SB103	G	P	NI	(ASY27)	AC128	2N2431	2N190			
2SB103				AC152	AC153					
2SB104	G	P	NI	AC128	AC152	2N2431	2N188A			
2SB104				AC153						
2SB105	G	P	NI	AD149	AC152	2N2836	2N241			
2SB105				AC153						
2SB106	G	P	NI	AD149		2N2836	2N352			
2SB106				OC30						
2SB107	G	P	NI	AD148	CTP1104	2N353				
2SB107				OC30						
2SB107A	G	P	NI	(AD131V)	AD166	T1156	2N456	2SB471		
2SB107A				AD148	AD149	2N68				
2SB107A				OC30	CTP1104					
2SB108	G	P	NI	AD149		2N2836				
2SB109	G	P	NI	AD149		2N2836				
2SB110	G	P	NI	(AC1511V)	AC151	2N2429	2N46			
2SB110				AC126	AC122					
2SB110				AC162	AC163					
2SB110				ASY26						
2SB111	G	P	NI	(AC151V)	AC1511V)	2N2429	2N77			
2SB111				AC126	AC122					
2SB111				AC126						
2SB111				AC183						
2SB112	G	P	NI	AC151V	AC126	2N2429	2N79			
2SB112				AC122	AC125					
2SB112				AC131	AC1521V					

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
2SB113	G	P	NI	AC151V AC122	AC126 AC125	2N2429	2N96	
2SB113				AC163				
2SB114	G	P	NI	(AC151V) AC122	AC128	2N2431	2N36	
2SB114				AC151 AC163	AC125			
2SB115	G	P	NI	(AC151V) AC151VII AC122	AC151VI AC128 AC125	2N2431	2N37	
2SB115				AC163 (AC151V)	AC151VII	2N2431	2N38	
2SB116	G	P	NI	AC128 AC125 (AC151V)	AC163 AC151VII	2N2431	2N38A	
2SB117	G	P	NI	AC128 AC126	AC122 AC163			
2SB118	G	P	MA	AC149		2N2836		
2SB119	G	P	MA	(AD130II)	AC149	2N2836		
2SB119A	G	P	MA	(AD131III)				
2SB120	G	P	FU	AC151V AC122ye AC163	AC126 AC125	2N2429	2N951	
2SB120				AC125 (AD132V)	ASZ15	2N398		
2SB121	G	P	FU					
2SB122	G	P	TO	AUY28 (AUY21V) (AUY29IV)	AUY22			
2SB122	G	P	TO	AUY28 (AUY29IV)	ASZ15 AUY22 ASZ16	2N1100		
2SB125	G	P	MA	AUY21 (AUY19III)				
2SB126	G	P	MA	(AUY19V)	ADZ11	2N1022A	2N561	2SB151
2SB127	G	P	MA	AD133 (AUY22III)	AD138 ASZ18			
2SB128	G	P	MA	AUY22 (AUY22III)	AUY28			
2SB128A	G	P	MA	(AUY22IV)				
2SB129	G	P	MA	(AUY22IV)				
2SB129A	G	P	MA	(AUY22IV)				
2SB130	G	P	MA	AD148	OC30	2N155		
2SB131	G	P	FU	(AUY19V)	AD149	2N2836		
2SB131A	G	P	FU	(AUY19V)				
2SB132	G	P	FU	(AUY19V)				
2SB132A	G	P	FU	(AUY19V)				
2SB134	G	P	MT	(ASY70V)	AC126	2N2429	2N82	
2SB134				AC126 (ASY70V)	AC163 AC151V	2N2429	2N138	
2SB136	G	P	MT	AC126 AC125 AC153	AC122ye AC131 AC131			
2SB136	G	P	MT	AC151VII AC122ye	AC128 AC125	2N2431		
2SB136				AC131	AC153			
2SB137	G	P	MT	(AUY21IV)	AD149	2N2836		
2SB138	G	P	MT	(AUY21IV)				
2SB138A	G	P	MT	(AUY22IV)				
2SB138B	G	P	MT	(AUY22IV)				
2SB140	G	P	SO	(AD131V)	AD149	2N2837	2N301	2T3011
2SB140				ASZ16	AUY21			
2SB141	G	P	SO	(AD132V)	ASZ15	2N301A		2T3021
2SB141				AUY22 (AD130III)	AUY28 AD149	2N2836	2N301	2T3030
2SB142	G	P	SO	AD139	AD150			
2SB143	G	P	SO	(AD130IV)	AD149	2N2836	2N680	2T3032
2SB143				AD139	AD150			
2SB143P	G	P	SO	(AD130V)				
2SB144	G	P	SO	(AD130V)	AD149	2N2836	2N669	2T3032
2SB144				AD139	AD150			
2SB144P	G	P	SO	(AD130V)				
2SB145	G	P	SO	(AD130IV)	AD149	2N2836		2T30423
2SB145				AD150 (AD130V)	AD149	2N2836		2T3043
2SB146	G	P	SO	AD160				
2SB147	G	P	SO	(AD132V)				
2SB148	G	P		ASZ18	ASZ18			

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	U
25B148				AUY21 (AUY21IV)				
25B149	G	P	TO					
25B150	G	P	TO			2N398		
25B151	G	P	FU	(AUY22IV)	AUY22	2N561		
25B151				AD138	ASZ18			
25B151				AD131	CDT1313			
25B151				OC28				
25B152	G	P	FU	(AUY22IV)	AD131	2N157A		
25B152				OC28	OD605			
25B153	G	P	HI	(AC121V)	AC126	2N2429		
25B153				AC152	AC162			
25B154	G	P	HI	(AC121V)	AC128	2N2431	2N408	
25B154				AC131	AC132			
25B154				AC153				
25B155	G	P	HI	(AC121IV)	AC128	2N2431	2N249	25B370A
25B155				AC117	AC153			
25B156	G	P	HI	(AC121V)	AC128	2N2431	2N1307	
25B156				AC131	AC153			
25B156A	G	P	HI	AC121V	AC117	2N1307	2N2431	25B156A
25B156A				AC128	AC131			
25B156A				AC153				
25B157	G	P	HI	(AC121IV)	AC126	2N2429		
25B157				OC58	OC59			
25B158	G	P	MA	(AC121V)	AC126	2N2429		
25B158				OC58	OC59			
25B159	G	P	MA	(AC121V)	AC126	2N2429		
25B159				OC59	OC60			
25B160	G	P	MA	(AC121V)	AC126	2N2429		
25B160				OC60				
25B161	G	P	NI	(ASY26)	AC128	2N2431	2N367	
25B161				AC151	AC122			
25B161				AC152	AC163			
25B162	G	P	NI	AC128	AC122	2N2431	2N319	
25B162				AC151	AC124			
25B162				AC153				
25B163	G	P	NI	(ASY26)	AC128	2N2431	2N320	
25B163				AC124	AC153			
25B164	G	P	NI	AC128	AC124	2N2431	2N321	
25B164				AC153				
25B165	G	P	NI	(ASY27)	AC128	2N2431	2N323	
25B165				AC126	AC153			
25B166	G	P	NI	AC128	AC124	2N2431		
25B166				AC153				
25B167	G	P	FU	AC152V	AC122			
25B167				AC128				
25B168	G	P	FU	(AC121V)	AC151V	2N2429		
25B168				AC128	AC122			
25B168				AC126	OC331			
25B168				OC622				
25B169	G	P	FU	(AC121VI)	AC151V	2N2431		
25B169				AC128	AC122			
25B169				AC126	OC343			
25B169				OC624				
25B170	G	P	MA	(AC151IV)	AC151	2N2431	2N76	
25B170				AC128	AC122			
25B170				AC126	AC162			
25B170				AC153				
25B171	G	P	MA	AC151V	AC128	2N2431	2N81	
25B171				AC122	AC126			
25B171				AC162	AC163			
25B172	G	P	MA	AC151V	AC128	2N2431	2N505	
25B172				AC122	AC126			
25B172				AC132	AC153			
25B173	G	P	MA	(AC121V)	AC151V	2N2529		
25B173				AC126	AC126			
25B173				AC162				
25B174	G	P	MA	(AC121V)	AC128	2N2431	2N223	
25B174				AC117	AC153			
25B175	G	P	MA	AC151V	AC128	2N2431	2N132	
25B175				AC122	AC126			
25B175				ASY77				
25B176	G	P	MA	(AC151VI)	AC129	2N2431	2N4106	25B222
25B176				AC153	AC131	2N4607	2N505	
25B176				AC152				
25B177	G	P	MA	(ASY48V)	ACY77			

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
ZSB178	G	P	MA	(ASY70V) AC128	AC182V AC124r	2N2431	2N610	ZSB222
ZSB178				AC125				
ZSB178	G	P	MA	(ASY48V)	ASY80			
ZSB178A	G	P		AC128	ASY80	2N2431		
ZSB179	G	P						
ZSB180	G	P	FU	AD148	AD149	2N2836	2N301	
ZSB180				OC30				
ZSB181	G	P	FU	AD148	AD149	2N307		
ZSB182	G	P	FU	AF185				
ZSB183	G	P	HI	(AC121V)	AC128	2N2429	2N132A	
ZSB183				AC122	AC163			
ZSB183A	G	P	HI	OC60				
ZSB184	G	P	HI	(AC121VI)	AC128	2N2431	2N63	
ZSB184				AC125	AC183			
ZSB185	G	P	SN, TS	(AC151IV)	AC151V	2N107		
ZSB185				AC126	AC128			
ZSB185				AC122	AC125			
ZSB185				AC163				
ZSB186	G	P	SN, TS	(AC151VII)	AC152VI	2N2429	2N4106	ZS32
ZSB186				AC122	AC126	2N610	2N240	ZSD186
ZSB186				AC128	AC125			
ZSB186				AC163				
ZSB187	G	P	SN, TS	(AC151VI)	AC152VI	2N2429	2N4106	ZS32
ZSB187				AC126	AC122	2N610	2N1144	ZSD187
ZSB187				AC128	AC131			
ZSB187				AC152				
ZSB188	G	P	SN, TS	(AC151V)	AC152VI	2N2431	2N610	ZS32
ZSB188				AC128	AC117r			
ZSB188				AC126	AC152			
ZSB188				AC128	AC117	2N2431	2N610	ZS32
ZSB189	G	P	TO, DT					
ZSB189				AC152VI	AC131	2N1036		
ZSB189				AC153	ASY30			
ZSB190	G	P		AC128	AC125	2N2431	2N322	
ZSB190				AC163				
ZSB191	G	P		AC122	AC125	2N47		
ZSB191				AC163				
ZSB192	G	P		AC128	AC125	2N2431	2N48	
ZSB192				AC163				
ZSB193	G	P		AC128	AC116	2N2431	2N324	
ZSB193				AC153				
ZSB194	G	P		AC128	AC131	2N2431	2N1145	
ZSB194				AC152				
ZSB195	G	P		AC128	AC117	2N2431	2N1097	
ZSB195				AC153				
ZSB196	G	P		AC128	AC124	2N2431	2N225	
ZSB196				AC153				
ZSB197	G	P		AC128	AC124	2B2431	2N226	
ZSB197				AC153				
ZSB198	G	P		AC128	AC124	2N2431	2N227	
ZSB198				AC153				
ZSB199	G	P	FU	(AC121VI)	AC128	2N2431	2N138B	
ZSB199				AC124	AC153			
ZSB200	G	P	TO	(ASY70IV)	AC128	2N2431	2N4106	ZSB222
ZSB200				AC153V	AC124	2N467		ZSD100
ZSB200				AD139	AD149			
ZSB200				AC153VI				
ZSB200A	G	P	TO	(ASY48IV)	AC128	2N4106	2N467	ZSB222
ZSB201	G	P	TO	AC117	AC122			
ZSB201				AC153V	AC182			
ZSB201				AC128				
ZSB202	G	P	TO	(ASY70VI)	AC153VII	2N2431	2N4106	ZSB222
ZSB202				AC128	AC117			
ZSB202				AC153	AD139			
ZSB202				AD149				
ZSB208	G	P	SA	AC124	AC128			
ZSB208				AC152				
ZSB215	G	P	SN, TS	(AD163V)	AD183			ZSB341
ZSB215				ASZ15				
ZSB216	G	P	SN, TS	(AD131V)	AD131	TI3029	2N2065	ZSB471
ZSB216				AD138/50	AD149			
ZSB217	G	P	SN, TS	(AD130V)	AD150	TI156	2N456	ZSB4026
ZSB218	G	P	NI	AC122	AC183	2N61	2N524	
ZSB218				OC70				
ZSB219	G	P	NI	(ASY70IV)	AC128	2N2431	2N41	
ZSB219				AC153	AC183			

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2SB220	G	P	NI	(ASY70V)	AC128	2N2431	2N43			
2SB220				AC124	AC153					
2SB221	G	P	NI	(ASY70V)	AC128	2N2431	2N524			
2SB221				AC124	AC153					
2SB222	G	P	NI	(ASY70VI)	AC128	2N2431	2N220			
2SB222				AC124	AC153					
2SB223	G	P	NI	(ASY70VI)	AC128	2N2431				
2SB224	G	P	NI	(ASY48IV)	AC152	2N284	2N524			
2SB224				AC153	AC131					
2SB225	G	P	NI	(ASY48IV)	AC117	2N43	2N525			
2SB225				AC128	AC153					
2SB226	G	P	NI	(ASY48V)	AC124	2N408	2N526			
2SB226				AC128	AC153					
2SB227	G	P	NI	(ASY48VI)	AC124	2N223	2N527			
2SB227				AC128	AC153					
2SB228	G	P	HI	(AUY22III)						
2SB229	G	P	HI	(AUY22III)						
2SB230	G	P	HI	(AUY22III)						
2SB235	G	P	TO	AFZ11						
2SB235										
2SB237	G	P	TO							
2SB240	G	P	NI	AD148	CTP1104	2N68				
2SB240				OC30						
2SB240A	G	P	NI	AD148	CTP1104	2N141				
2SB240A				OC30						
2SB242	G	P	NI	AUY18	ASZ15	2N1183				
2SB242				AD148	CTP1104					
2SB242				OC30						
2SB242A	G	P	NI	AUY18	AD148	2N141				
2SB242A				CTP1104	OC30					
2SB246	G	P	NI	(AUY21IV)						
2SB247	G	P	NI	(AUY21IV)	AD133IV					
2SB247				AD133V	AD138					
2SB247				ADZ11						
2SB248	G	P	NI	(AUY21IV)	AC124	2N1502				
2SB248				AC128	AC153					
2SB248A	G	P	NI	(AUY21IV)	AD133IV	2N1601				
2SB248A				AD133V	AD138					
2SB248A				ADZ11	AC105					
2SB248A				AC117						
2SB249	G	P	NI	(AUY22IV)	AC128	2N457				
2SB249				AC153	ASZ18					
2SB250	G	P	NI	(AUY22IV)	AD133V	2N178				
2SB250				AD138	ADZ11					
2SB250				AD148	AD149					
2SB250				OC30						
2SB250A	G	P	NI	(AUY21IV)	AC117	2N1245				
2SB250A				AC128	AC153					
2SB250A				(AUY21IV)	AD133V	2N1246				
2SB251	G	P	NI	(AUY21IV)	AD138					
2SB251				AD138						
2SB251				AC128	AC153					
2SB251				AD149						
2SB251A	G	P	NI	(AUY21IV)						
2SB252	G	P	NI	(AUY22IV)	AD133V					
2SB252				AD138/50	ADZ11					
2SB252A	G	P	NI	AD148	ASZ18	2N1437				
2SB252A				OC30						
2SB253	G	P	NI	(AUY22IV)	AC128	2N1263				
2SB253				AC153	ASZ18					
2SB254	G	P	SN, TS	(AD149V)	AC128	2N2431				
2SB254				AC126						
2SB255	G	P	SN, TS	(AD149V)	AC128	2N2431		2SA305		
2SB256	G	P	SN, TS	(AD149V)						
2SB257	G	P	TO	(AC151)						
2SB281	G	P	FU	(AC121IV)	AC126	2N2429	2N405			
2SB281				AC125	AC163					
2SB282	G	P	FU	(AC121V)	AC126	2N2429	2N407			
2SB282				AC125	AC153					
2SB283	G	P	FU	(AC121V)	AC124	2N2431	2N270			
2SB283				AC153						
2SB284	G	P	NI	(AC151V)	AC126	2N2429	2N133			
2SB284				AC125	AC153					
2SB285	G	P	TO	(ASY70V)	ASY28					
2SB286	G	P	Y	(AC151V)	AC125					
2SB286				AC152	AC170					

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
2S8267	G	P	Y	(AC151V)	AC128			
2S8267	G	P	Y	AC131	AC153			
2S8268	G	P	MT	(ASY48V)				
2S8269	G	P	Y	(AC151V)				
2S8271	G	P	SN, TS	(AC151V)				
2S8272	G	P	SN, TS	(AC151VII)				
2S8273	G	P	SN, TS	(AC151VII)				
2S8276	G	P	HI	AU103				
2S8282	G	P	MA	(AUY22III)				
2S8283	G	P	MA	(AUY21IV)				
2S8284	G	P	MA	(AUY22III)				
2S8285	G	P	MA	(AUY21IV)				
2S8290	G	P	TO	ASY26	AC122	2N799	2SA155	
2S8290gn	G	P	TO	(ASY26)				
2S8290ye	G	P	TO	(ASY26)				
2S8291	G	P	TO	ASY26	AC131	2N799	2SA155	
2S8291gn	G	P	TO	(ASY26)				
2S8291r	G	P	TO	(ASY26)				
2S8291ye	G	P	TO	(ASY26)				
2S8292	G	P	TO	(ASY70IV)	ASY26	2N799	2SA155	
2S8292	G	P	TO	AC131				
2S8292bl	G	P	TO	(ASY70V)				
2S8292gn	G	P	TO	(ASY70VI)				
2S8292r	G	P	TO	(ASY70VI)				
2S8292ye	G	P	TO	(ASY70VI)				
2S8292A	G	P	TO	(ASY48IV)				
2S8292Abl	G	P	TO	(ASY48V)				
2S8292Agn	G	P	TO	(ASY48VI)				
2S8292Aor	G	P	TO	(ASY48VI)				
2S8292Ar	G	P	TO	(ASY48VI)				
2S8292Aye	G	P	TO	(ASY48VI)				
2S8293	G	P	Y	AC121V				
2S8294	G	P	Y	AC121IV				
2S8295	G	P	FU	(AD163IV)				
2S8299	G	P	Y	AC121V				
2S8300	G	P	TO	(AUY22IV)				
2S8301	G	P	TO	(AUY21IV)				
2S8302	G	P	HI	AF124	AF134		2S8235	
2S8303	G	P	SN, TS	(AC151V)	AC163		2S873	
2S8303	G	P	SN, TS	AC150	AC125			
2S8304	G	P	FU	(AC152V)				
2S8304A	G	P	FU	(AC152V)				
2S8306	G	P	TO					
2S8309	G	P	MA	(AUY22IV)			2S8425	
2S8315	G	P	MT	AC121IV)				
2S8316	G	P	MT	AC121V				
2S8317	G	P	MT	(AC121V)				
2S8318	G	P	FU	(AD131IV)				
2S8319	G	P	FU	(AD163IV)				
2S8321	G	P	TO	(AC151VI)				
2S8322	G	P	TO	(AC151V)				
2S8323	G	P	TO	(AC151VI)				
2S8324	G	P	MA	AC152VI	AC128		2SD352	
2S8326	G	P	NI	(ASY26)				
2S8327	G	P	NI	(ASY27)				
2S8328	G	P	NI	AC121V	NKT274			
2S8329	G	P	NI	AC121VI	NKT374			
2S8335	G	P	MA	(AC121V)				
2S8336	G	P	MA	(AC121V)				
2S8337	G	P	HI	(AUY21IV)				
2S8337H	G	P	HI	(AUY21IV)				
2S8338	G	P	HI	(AUY22IV)				
2S8338H	G	P	HI	(AUY22IV)				
2S8345	G	P	MA	AC162	AC151VII	2N2429		
2S8345	G	P	MA	AC126	AC122VI			
2S8346	G	P	MA	AC126	AC151VII	2N2429		
2S8346	G	P	MA	AC126	AC131/50			
2S8347	G	P	MA	AC162	AC126	2N2429		
2S8348	G	P	MA	AC163	AC126	2N2429		
2S8349	G	P	SN	AC121VII				
2S8350	G	P	SN	AC151VI				
2S8355	G	P	MT	(AD130V)				
2S8356	G	P	MT	(AD132V)				
2S8357	G	P	MT	(AD163IV)				

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	US
2SB361	G	P	HI	(AUY22IV)				
2SB362	G	P	HI	(AUY22IV)				
2SB364	G	P	TO	AC152VI	AC128	2N1924	2N2431	2SB370A
2SB364				AC131	AC131			2SD104
2SB364				AC153				
2SB365	G	P	TO	AC152V	AC128	2N1924	2N2431	2SD105
2SB365				AC131	AC153			
2SB367	G	P	HI	(AD148V)				
2SB367H	G	P	HI	(AD148V)				
2SB368	G	P	HI	(AD148V)				
2SB368H	G	P	HI	(AD148V)				
2SB370	G	P	HI	AC152VI	AC128			
2SB370A	G	P	HI	AC152VI	AC128			
2SB371	G	P	MA	AC162	AC151VI			
2SB371				AC122pr	AC125			
2SB372	G	P	SN, TS	(AC153VI)				
2SB373	G	P	SN, TS	(AC153VI)				
2SB374	G	P	SN, TS	(AS153VI)				
2SB376	G	P	MA	(AC121IV)				
2SB378	G	P	SO	(AC121IV)	AC121	2N2431		2SB156A
2SB378				AC131	AC128			
2SB379	G	P	SO	(AC121V)	AC121	2N2431		2SB156A
2SB379				AC131	AC128			
2SB381	G	P	SO	AC151VI	AC122r	2N238		2SB459
2SB381				AC126				
2SB383	G	P	SO	AC124				
2SB384	G	P	Y	(AC151V)				
2SB385	G	P	Y	(AC151V)				
2SB386	G	P	MT	AC152V				
2SB389	G	P	FU	(AF126)				
2SB390	G	P	SN, TS	(AUY22IV)				
2SB391	G	P	SN, TS	(AUY21IV)	AUY21	2N352		2S339
2SB391				AUY28	ASZ18			
2SB400	G	P	SN, TS	(AC151VI)	AC121VI			
2SB400				AC160				
2SB401	G	P	MA	(ASY48IV)				
2SB402	G	P	MA	(ASY48IV)				
2SB403	G	P	MA	(ASY48IV)				
2SB405	G	P	SN, TS	AC153VI				2SD72
2SB407	G	P	SN, TS	(AUY21IV)				
2SB413	G	P	TO	(AD131V)				
2SB414	G	P	TO	(AD130V)				
2SB415	G	P	TO, DT	AC153V				
2SB422	G	P		AC122	AC126			
2SB422				AC151				
2SB424	G	P	TO	(AD132V)				
2SB425	G	P	TO	(AD131V)			2SB426	
2SB426	G	P	TO	AD130V			2SB425	
2SB427	G	P	FU	(ASY48V)				
2SB428	G	P	FU	(ASY48VI)				
2SB431	G	P	FU	(AC152V)				
2SB434	S	P	TO	(8D440)			2SB435	2SD234
2SB434or	S	P	TO	(8D440)				
2SB434r	S	P	TO	(8D440)				
2SB434ye	S	P	TO	(8D440)				
2SB436	S	P	TO	(8D436)			2SB434	2SD235
2SB436or	S	P	TO	(8D436)				
2SB436r	S	P	TO	(8D436)				
2SB436ye	S	P	TO	(8D436)				
2SB439	G	P	TO	AC163	AC171	2N2907	2N506	2SB459
2SB439				AC128				
2SB440	G	P	TO	AC163	AC171	2N2907	2N506	2SB459
2SB440				AC128				
2SB443	G	P	FU	(AC163)	AC121VI			
2SB443A	G	P	HI	AC121VI				
2SB443B	G	P	HI	AC121VI				
2SB444	G	P	FU	(AC163)	AC121VI			
2SB444A	G	P	HI	AC121VI				
2SB444B	G	P	HI	AC121VI				
2SB445	G	P	FU	(AD131V)				
2SB446	G	P	FY	(AD131V)				
2SB448	G	P	MA	AD148V				
2SB449	G	P	MA	AD131IV				
2SB450	G	P	MT	AC162VI				
2SB450A	G	P	MT	AC152VI				

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
ZSB451	G	P	MT	(AC153V11)				
ZSB452	G	P	MT	(AC153V11)				
ZSB452A	G	P	MT	(AC153V11)				
ZSB453	G	P	MT	(AC153V1)				
ZSB454	G	P	MT	(AC153V1)				
ZSB455	G	P	MT	(AC153V1)				
ZSB457	G	P	MT	AC152V1				
ZSB457A	G	P	MT	AC152V1				
ZSB458	G	P	MT	(AD1301V)				
ZSB458A	G	P	MT	(AD1311V)				
ZSB458B	G	P	MT	(AD1631V)				
ZSB459	G	P	HI	AC183				
ZSB461	G	P	TO	(ACY33)				
ZSB462	G	P	TO	AD1311V			ZSB463	
ZSB462bl	G	P	TO	AD131V				
ZSB462r	G	P	TO	AD1311V				
ZSB462ye	G	P	TO	AD131V				
ZSB463	G	P	TO	AD1301V			ZSB462	
ZSB463bl	G	P	TO	AD130V				
ZSB463r	G	P	TO	AD130V				
ZSB463ye	G	P	TO	AD130V				
ZSB464	G	P	TO	(AU Y34V)				
ZSB465	G	P	TO	(AU Y20)				
ZSB466	G	P	TO, FU	(AD131V)				
ZSB467	G	P	FU	(AD131V)				
ZSB470	G	P	FU	AU Y221V				
ZSB471	G	P	HI	(AU Y221V)				
ZSB471A	G	P	HI	(AU Y221V)				
ZSB471B	G	P	HI	(AU Y221V)				
ZSB472	G	P	HI	(AU Y221V)				
ZSB472A	G	P	HI	(AU Y221V)				
ZSB472B	G	P	HI	(AU Y221V)				
ZSB473	G	P	MA	(AD148V)	AD162V11		ZSB367	
ZSB474	G	P	SN, TS	AD130V				
ZSB475	G	P	MA	AC121V	AC121V1			ZSD367
ZSB476	G	P	MA	(AC188K)				
ZSB481	G	P	MA	(AD148V)				
ZSB482	G	P	TO	(AC151V11)			ZSB486	
ZSB486	G	P	TO	(AC151V11)			ZSB482	
ZSB492	G	P	SN, TS	(AC188K)				
ZSB494	G	P	MT	AC153V11				
ZSB495	G	P	MT	AC153V11				
ZSB495A	G	P	MT	AC153V11				
ZSB496	G	P	HI	AC152V1				ZSD96
ZSB497	G	P	FU	(AC121V1)				
ZSB502A	S	P	TO		2N5954			
ZSB503A	S	P	TO		2N5955			
ZSB507	S	P	SN, TS	(BD440)				ZSD313
ZSB508	S	P	SN, TS	(BD440)				ZSD314
ZSB510	S	P	NI	(BSV17-10)				ZSD328
ZSB511	S	P	SN, TS	(BD438)				ZSD326
ZSB512	S	P	MA	(BD440)				ZSD365
ZSB512A	S	P	MA	(BD442)				ZSD365A
ZSB513	S	P	MA	(BD440)				ZSD366
ZSB513A	S	P	MA	(BD442)				ZSD366A
ZSB514	S	P	SN, TS	(BD440)				ZSD330
ZSB515	S	P	SN, TS	(BD440)				ZSD331
ZSB530	S	P	TO		2N6248			
ZSB531	S	P	TO		2N6247			
ZSB534	G	P	HI	AC152V1				
ZSB535	G	P	HI					
ZSB558	S	P	TO		2N6248			
ZSB595	S	P	TO		2N6475			
ZSB596	S	P	TO		2N6107			
ZSC11	G	N	TO	(AC127)	ASY29			
ZSC11				ASY73				
ZSC12	S	N	TO	(BCY65EV11)				
ZSC15	S	N	SO	(BCY65EV11)	2N1753	2N1754		
ZSC15-1	S	N	SO	(BCY65EV11)				
ZSC15-2	S	N	SO	(BCY65EV11)				
ZSC15-3	S	N	SO	(BCY65EV11)				
ZSC16	S	N	TO	BC107A				
ZSC16A	S	N	TO	BC107A				
ZSC17	S	N	TO	BC107A				
ZSC17A	S	N	TO	BC107A				

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
25C18	S	N	TO	BC107A				
25C19	S	N	TO	(BC337-16)				
25C20	S	N	TO	(BC337-16)				
25C23C	S	N		BD137				
25C26	S	N	FU	(BCY65EVIII)				
25C27	S	N	FU	(BCY65EVIII)				
25C28	S	N	FU	(BC107A)				
25C29	S	N	FU	(BC107A)				
25C30	S	N	NI	(BCY65EVIII)				
25C31	S	N	NI	(BCY65EVIII)	BC140	2N2218A		
25C32	S	N	NI	(BC107A)	BFX55		25A544	
25C32	S	N	NI	BFY13				
25C32A	S	N	NI	(BC107A)	BFX55			
25C33	S	N	NI	(BC107A)	BFX55			
25C37	S	N	NI	(BC107A)				
25C38	S	N	NI	(BC107A)	BFX55			
25C39	S	N	FU	(BF198)				
25C39A	S	N	FU	(BF198)				
25C40	S	N	FU	(BF198)				
25C41	S	N	SO	(BU310)	BU110			
25C42	S	N	SO	(BU310)				
25C42A	S	N	SO	(BU311)				
25C43	S	N	SO	(BU310)	BU110	2N1490		
25C44	S	N	SO	(BU310)	BU110			
25C45	S	N	NI	(BC107A)	BFX55			
25C46	S	N	FU	BSX46-6				
25C47	S	N	FU	BSX45-6				
25C48	S	N	FU	BSX47-6				
25C49	S	N	NI	BSX47-6				
25C50	S	N	MA	(BU312)	BU110			
25C51	S	N	FU	(BSX49-6)				
25C52	S	N	FU	(BSY34)				
25C53	S	N	FU	(BC107A)	BFX55			
25C54	S	N	FU	(BSX49)				
25C55	S	N	FU	(BSX48)				
25C57	S	N	NI	(BSX45-6)				
25C58	S	N	MA	(BF457)				
25C58A	S	N	MA	(BF457)				
25C59	S	M	FU, NI	BSX47-6				
25C60	G	N	SN, TS	(AC127)				
25C61	S	N	FU	(BSX46-6)				
25C62	S	N	HI	BSY63				
25C63	S	N	NI	BSY63				
25C64	S	N	SN, TS	(BCY65EVIII)	BSX45	2N4231	2N3252	
25C64	S	N		BSX22				
25C66	S	N	SN, TS	(BF457)				
25C68	S	N	NI	BSY63				
25C69	S	N	NI	BSX47-6			25C499	
25C70	S	N	TO	(BF458)				
25C71	S	N	TO					
25C72	S	N	TO					
25C73	G	N	SO			2N188A	2N1086	2T73R
25C74	S	N	TO	(BC108A)	BFX55			
25C74gn	S	N	TO	(BC108B)				
25C74or	S	N	TO	(BC108A)				
25C74r	S	N	TO	(BC108A)				
25C74ye	S	N	TO	(BC108B)				
25C75	G	N	SO			2N169	2N293	2T75R
25C76	G	N	SO			2N169	2N293	2T75R
25C77	G	N	SO			2N169	2N293	2T77R
25C78	G	N	SO	ASY14		2N1109	2N1121	2T78R
25C79	S	N	FU	(BF199)	BF173			25C464
25C80	S	N	NI	(BF199)				
25C84	G	N	MT	(AC127)				
25C85	G	N	MT	(AC127)				
25C86	G	N	MT	(AC127)				
25C87	S	N	FU	BC107A				
25C89	G	N	HI	ASY14				25A208
25C90	G	N	HI	(AC127)		2N1304		25A209
25C91	G	N	HI	(AC127)		2N1306		
25C92	S	N	NI	(BSX48-6)				
25C93	S	N	NI	(BSX45-6)				
25C94	S	N	NI	(BSX48-6)				
25C95	S	N	TO	(BSX47-6)				
25C97	S	N	NI	(BSY34)	BC140	2N3038	2N2218A	

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
ZSC87A	S	N	NI	(BSY34)			ZSA571	
ZSC98	S	N	MA	(BSY62)				
ZSC99	S	N	MA	(BSY62)				
ZSC100	S	N	NI	(BSY63)				
ZSC101	S	N	TO			ZSC782		
ZSC103	S	N	TO	8C107A	8DY91			
ZSC103A	S	N	TO	8C107A				
ZSC104	S	N	TO	8C107A				
ZSC105	S	N	TO	8C109B	BC169	MPS6521		
ZSC105	S	N	TO	8C169B	BC173			
ZSC106	S	N	TO			ZSA474		
ZSC106	S	N	TO			ZSA472		
ZSC107	S	N	TO			ZSB216		
ZSC108	S	N	TO	(BSY34)		ZSC400		
ZSC108A	S	N	TO, TS	(BC141-6)				
ZSC109	S	N	TO	(BSY34)		ZSC393		
ZSC109A	S	N	TO, TS	(BC140-6)				
ZSC110	S	N	HI	(BSY34)				
ZSC111	S	N	HI	(BSY34)				
ZSC112	S	N	HI	(BSY34)				
ZSC113	S	N	HI	(BSY34)				
ZSC114	S	N	HI	(BSY34)				
ZSC117	S	N	HI	BSX46-6				
ZSC118	S	N	HI	BSX46-6				
ZSC119	S	N	HI	BSX46-6				
ZSC120	S	N	NI	(BC107A)	BC140VI	2N2218A	2N3036	ZSC708
ZSC120	S	N	NI	BSY46				
ZSC121	S	N	NI	(BC107A)	BC140VI	2N2218A	2N3036	ZSC708
ZSC121	S	N	NI	BSY46				
ZSC122	S	N	NI	(BC107A)	BC140X	2N2218A	2N3036	ZSC708
ZSC122	S	N	NI	BSY46				
ZSC123	S	N	NI	(BC107A)	BC140XVI	2N2218A	2N3036	ZSC708
ZSC123	S	N	NI	BSY46				
ZSC124	S	N	NI	(BC107A)	BC140VI	2N2218A	2N3036	ZSC708
ZSC124	S	N	NI	BSY46				
ZSC125	G	N	HI	(AF139)				
ZSC127	S	N	NI	(BC107A)	BC140XVI	2N2218A	2N3036	ZSC708
ZSC127	S	N	NI	BSY46				
ZSC128	G	N	MA	(AC127)				
ZSC129	G	N	MA	(AC127)				
ZSC130	S	N	FU, CE	(BSX45-6)				
ZSC131	S	N	FU, CE	BSX49				
ZSC132	S	N	FU, CE	BSX48				
ZSC133	S	N	FU, CE	BSX48				
ZSC134	S	N	FU, CE	BSX49				
ZSC136	S	N	FU, CE	BSX48				
ZSC136	S	N	FU, CE	BSX49				
ZSC137	S	N	FU, CE	BSX48				
ZSC138	S	N	NI	BSY34				
ZSC138A	S	N	NI	BSY34				
ZSC139	S	N	NI	BSY34				
ZSC140	S	N	SO	(BSX46-6)				
ZSC147	S	N	SO	(BSX45-6)		2N2196		
ZSC149	S	N	NI	BSX47-6				
ZSC150	S	N	HI, CE	(BC107A)				
ZSC154	S	N	HI	(BF457)				
ZSC154C	S	N	HI	(BF457)				
ZSC154H	S	N	HI	(BF458)				
ZSC157	S	N	HI	(BC107A)				
ZSC158	S	N	HI	(BC107A)				
ZSC159	S	N	HI	(BC107A)				
ZSC160	S	N	HI	(BC107A)				
ZSC168	S	N	HI	(BC107A)				
ZSC167	S	N	HI	(BC107A)				
ZSC170	S	N	FU	BC108A	BC108	2N3391		ZSC458
ZSC170	S	N	FU	BC183				
ZSC171	S	N	FU	BC108A				
ZSC172	S	N	FU	BC108A				
ZSC172A	S	N	FU	BC107A				
ZSC174	S	N	FU	(BC187A)	BC157	MPS6566		ZSC458
ZSC174	S	N	FU	BC183	BC171A			
ZSC182	S	N	NI	(8C238A)				
ZSC183	S	N	NI	BF115				
ZSC184	S	N	NI	BF115				
ZSC185	S	N	NI	BF115				
ZSC185	S	N	NI	(8C108A)				

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
ZSC186	S	N	FU	(BC108A)				
ZSC187	S	N	FU	(BC108A)				
ZSC188	S	N	FU, CE	(BC337-16)				
ZSC189	S	N	FU, CE	(BC337-16)				
ZSC190	S	N	FU	(BC337-16)				
ZSC191	S	N	SO	(BCY65EVII)	2N1074	2N1075		
ZSC192	S	N	SO	(BCY65EVII)	2N1074	2N1075		
ZSC193	S	N	SO	(BCY65EVII)	2N336	2N337		
ZSC194	S	N	SO	(BCY65EVII)	2N1074	2N1075		
ZSC195	S	N	SO	(BC108A)	2N1278	2N1279		
ZSC196	S	N	SO	(BC108A)	2N1278	2N1279		
ZSC197	S	N	SO	(BC108A)	2N1277	2N1278		
ZSC199	S	N	TO	BSY34	2N2218B		ZSC458	
ZSC199	S	N	TO	BSX61				
ZSC200	S	N	FU	(BSY34)	BFX55			
ZSC201	S	N	FU	(BSY34)	BFX55			
ZSC202	S	N	FU	(BSY34)	BFX55			
ZSC203	S	N	FU, CE	(BSX49)				
ZSC204	S	N	FU, CE	(BSX48)				
ZSC205	S	N	FU	(BSX49)				
ZSC206	S	N	FU	(BF198)	BF184		ZSC460	
ZSC206	S	N	FU	BF234				
ZSC210	S	N	FU	(BSX46-6)	BSY34	2N2218	ZSC479	
ZSC210	S	N	FU	BSX61	BSX73			
ZSC211	S	N	FU	(BSX45-6)	BSY34	2N2218	ZSC479	
ZSC211	S	N	FU	BSX61	BSX73			
ZSC212	S	N	FU	(BSX47-6)	BSX45	2N4231	2N3252	
ZSC212	S	N	FU	BSX22				
ZSC213	S	N	FU	(BSX46-6)				
ZSC214	S	N	FU	(BSX45-6)				
ZSC215	S	N	FU	(BSX47-6)				
ZSC216	S	N	FU, CE	(BSX46-6)				
ZSC217	S	N	FU	(BSX45-6)				
ZSC218	S	N	FU, CE	(BSX47-6)				
ZSC220	S	N	FU	(BSX46-6)				
ZSC221	S	N	FU	(BSX45-6)				
ZSC222	S	N	FU	(BSX47-6)				
ZSC223	S	N	FU	(BSX46-6)				
ZSC224	S	N	FU	(BSX45-6)				
ZSC225	S	N	FU	(BSX47-6)				
ZSC226	S	N	FU	(BSX46-6)				
ZSC227	S	N	FU	(BSX45-6)				
ZSC228	S	N	FU	(BSX47-6)				
ZSC229	S	N	FU	(BSX47-6)				
ZSC230	S	N	FU	BSX49	2N222A			
ZSC231	S	N	FU	(BSX46-6)				
ZSC232	S	N	FU	(BSX45-6)				
ZSC233	S	N	FU	(BSX47-6)	BSX63			
ZSC234	S	N	FU	(BSX46-6)				
ZSC235	S	N	FU	(BSX46-6)				
ZSC236	S	N	FU	(BSX46-6)				
ZSC237	S	N	FU	(BSX48)				
ZSC238	S	N	FU	(BSY58)				
ZSC239	S	N	FU	(BSX48)				
ZSC240	S	N	FU, NI	(BU310)				
ZSC244	S	N	NI	BU310				
ZSC245	S	N	NI	BU311				
ZSC246	S	N	NI	BU312				
ZSC247	S	N	FU	(BSX46-6)				
ZSC248	S	N	FU	(BCY65EVII)				
ZSC249	S	N	FU	(BCY65EVII)				
ZSC250	S	N	FU	(BF198)	BFY12	2N3568		
ZSC251	S	N	NI	(BFX89)				
ZSC251A	S	N	NI	(BFX89)				
ZSC252	S	N	NI, CE	(BFX89)				
ZSC253	S	N	NI, CE	(BFX89)				
ZSC270	S	N	SO	BU312				
ZSC281	S	N	HI	(BC108A)	BC107A	2N2821	ZSC458	
ZSC281	S	N	HI	BC182A				
ZSC281H	S	N	HI	(BC108A)				
ZSC282	S	N	HI	(BC108A)	BC108	2N3391	ZSC458	
ZSC282	S	N	HI	BC183A				
ZSC182H	S	N	HI	(BC108A)				
ZSC283	S	N	HI	(BC107A)	BCY65	2N2484	2N2483	ZSC648
ZSC283	S	N	HI	BC107B				

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
ZSC283H	S	N	HI	(BC107A)				
ZSC284	S	N	HI	(BCY66EVII)	BSX49	2N222A		
ZSC284H	S	N	HI	(BCY85EVII)				
ZSC285	S	N	NI, FU	(BSY34)				
ZSC291	S	N	SO	BSX63	BSW65	2N1893		
ZSC300	S	N	MT	(BSX49)	BSX48	2N222A		
ZSC301	S	N	MT	(BSX48)	BSX48	2N222A		
ZSC302	S	N	MT	BSX49				
ZSC303	S	N	MT	BSX45-6				
ZSC304	S	N	MT	BSX45-6				
ZSC305	S	N	MT	BSX47-6				
ZSC306	S	N	MT	BSX45-6				
ZSC307	S	N	MT	BSX45-6				
ZSC308	S	N	MT	BSX46-6				
ZSC309	S	N	MT	BSX47-6				
ZSC310	S	N	MT	BSX47-6				
ZSC313	S	N	MT, NS	(BFX89)	BC108A	2N3391	2SC458	
ZSC313				BC183A				
ZSC316	S	N	MA	(BCY58IX)	BC109	MPS6521	2SC458	
ZSC316				BC184B				
ZSC318	S	N	SO	BC107A	BC182A	2N2921	2SC458	
ZSC318A	S	N	MA, SO	BC107A				
ZSC319	S	N	NI	BSY58	BSX48	2N2221		
ZSC320	S	N	NI	BSY58				
ZSC321H	S	N	HI	BSY63				
ZSC323	S	N	TO	(BCY59VII)				
ZSC350	S	N	HI	BC107B	BC128B	2N3568		
ZSC352	S	N	HI, SO	(BC107A)				
ZSC352A	S	N	SO	(BC107A)				
ZSC353	S	N	SO	(BCY65EVII)				
ZSC353A	S	N	SO	(BCY65EVII)				
ZSC354	S	N	FU	(BSX45-6)				
ZSC356	S	N	NI	(BSX48)				
ZSC360	S	N	TO	BC108A				
ZSC361	S	N	TO	BC167A				
ZSC362	S	N	TO	BC167B				
ZSC363	S	N	TO	BC167B				
ZSC366	S	N	TO	(BC337-16)	BSY77		2SC499	
ZSC366or	S	N	TO	(BC337-16)				
ZSC366r	S	N	TO	(BC337-16)				
ZSC366ye	S	N	TO	(BC337-16)				
ZSC366G	S	N	TO	(BC336-16)				
ZSC367	S	N	TO	(BC337-16)		2N930	2SA467	
ZSC367gn	S	N	TO	(BC337-25)				
ZSC367or	S	N	TO	(BC337-16)				
ZSC367r	S	N	TO	(BC337-16)				
ZSC367ye	S	N	TO	(BC337-16)				
ZSC367G	S	N	TO	(BC337-16)			2SA467G	
ZSC368	S	N	TO	BC168B	BC107B	2N3568		
ZSC368				BC182B				
ZSC369	S	N	TO	BC169C	BC168	MPS6520	2SC371	
ZSC369				BC183				
ZSC369bl	S	N	TO	BC169C				
ZSC369gn	S	N	TO	BC169B				
ZSC369G	S	N	TO	BC168B				
ZSC369bl	S	N	TO	BC168C				
ZSC369gn	S	N	TO	BC168B				
ZSC370	S	N	TO	BC167A	BC168A	MPS6520	2SC458	
ZSC370				BC183A	BC172A			
ZSC370G	S	N	TO	BC167A				
ZSC371	S	N	TO	BC167A	BC168A	MPS6520	2SC458	
ZSC371				BC183A	BC172A			
ZSC371or	S	N	TO	BC167A				
ZSC371r	S	N	TO	BC167A				
ZSC371G	S	N	TO	BC167A				
ZSC372	S	N	TO	BC167	BC168A	MPS6520	2SC458	2SA495
ZSC372				BC168B	BC183A			
ZSC372				BC172A				
ZSC372or	S	N	TO	BC167A				
ZSC372ye	S	N	TO	BC167A				
ZSC372G	S	N	TO	BC167A				2SA4956
ZSC373	S	N	TO	BC167B	BC168A	MPS6520	2SC458	
ZSC373				BC168B	BC168C			
ZSC373				BC183A	BC172A			
ZSC373G	S	N	TO	BC167A				

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	U
ZSC374	S	N	TO	BC167B	BC168C			
ZSC374				BC183C	BC172C			
ZSC374bl	S	N	TO	BC167B				
ZSC374r	S	N	TO	(BC167B)				
ZSC378	S	N	TO	(BC167A)				
ZSC377	S	N	TO	(BF198)	BC167A	MPS6566	2SC458	
ZSC377				BC182A	BC171A			
ZSC377br	S	N	TO	(BF198)				
ZSC377or	S	N	TO	BF198				
ZSC377r	S	N	TO	(BF198)				
ZSC378	S	N	TO	(BF198)	BC167A	MPS6566	2SC458	
ZSC378				BC182A	BC171A			
ZSC378or	S	N	TO	(BF198)				
ZSC378r	S	N	TO	(BF198)				
ZSC378ys	S	N	TO	(BF198)				
ZSC379	S	N	TO	BC167A	BC169	MPS6521		
ZSC379				BC169B	BC184B			
ZSC379				BC173B				
ZSC380	S	N	TO	(BF198)	BC167	MPS5566	2SC458	
ZSC380				BC167A	BC182A			
ZSC380				BC172A				
ZSC380r	S	N	TO	(BF198)				
ZSC380ys	S	N	TO	(BF198)				
ZSC380A	S	N	TO	(BF198)				
ZSC380Aor	S	N	TO	(BF198)				
ZSC380Ar	S	N	TO	(BF198)				
ZSC380Ays	S	N	TO	(BF198)				
ZSC381	S	N	TO	(BF198)	BC168	MPS5520	2SC458	
ZSC381				BC168A	BC183A			
ZSC381				BC173A				
ZSC381or	S	N	TO	(BF198)				
ZSC381or	S	N	TO	(BF198)				
ZSC381r	S	N	TO	(BF198)				
ZSC382	S	N	TO	(BF198)	BF173		2SC464	
ZSC382				BF224				
ZSC382or	S	N	TO	(BF198)				
ZSC382r	S	N	TO	(BF198)				
ZSC382G	S	N	TO	BF232	BF198			
ZSC382R	S	N	TO	BF232	BF198			
ZSC384	S	N	TO	(BF255)	BF232		2SC464	
ZSC384				BF173	BF224			
ZSC384or	S	N	TO	(BF254)				
ZSC384ys	S	N	TO	(BF255)				
ZSC385	S	N	TO	(BFY90)	BF232		2SC464	
ZSC385				BF224	BF173			
ZSC385A	S	N	TO	(BFY90)				
ZSC386	S	N	TO	(BF199)	BF173		2SC464	
ZSC386				BF224				
ZSC386A	S	N	TO	(BF199)				
ZSC387	S	N	TO	(BFY90)	BFX59		2SC707	
ZSC387A	S	N	TO	(BFY90)				
ZSC388	S	N	TO	(BF199)	BF173		2SC464	
ZSC388				BF224				
ZSC388A	S	N	TO	(BF199)				
ZSC389	S	N	TO	(BF199)	BF173		2SC464	
ZSC389				BF224				
ZSC390	S	N	TO	(BFX59)				
ZSC391	S	N	TO	(BFX59)			2SC551	
ZSC392	S	N	TO	(BFX59)				
ZSC392A	S	N	TO	(BFX59)				
ZSC393	S	N					2SC395A	
ZSC394	S	N	TO	(BF198)	BC167	MPS6566	2SC458	
ZSC394				BC182A	BC171A			
ZSC394gn	S	N	TO	(BF198)				
ZSC394or	S	N	TO	(BF198)				
ZSC394r	S	N	TO	(BF198)				
ZSC394ys	S	N	TO	(BF198)				
ZSC395	S	N	TO	(BSY18)			2SC391	
ZSC395A	S	N	TO	(BSY18)		2N3794		
ZSC396	S	N	TO	(BSY63)				
ZSC397	S	N	TO	(BFX59)	BF185			
ZSC398	S	N	TO	(BF254)	BF185		2SC535	
ZSC398				BF237	BF125			
ZSC399	S	N	TO	(BF254)	BF185		2SC535	
ZSC399				BF237	BF125			

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
ZSC400	S	N	TO, TS	BC107				
ZSC400gn	S	N	TO	BC107A				
ZSC400or	S	N	TO	BC107A				
ZSC400r	S	N	TO	BC107A				
ZSC400ye	S	N	TO	BC107A				
ZSC401	S	N	SO, NI	BC167B	BC182A	MPS6566		ZS458
ZSC401				BC171A				
ZSC402	S	N	SO, NI	BC167B	BC182A	MPS6566		ZSC458
ZSC402				BC171A				
ZSC403	S	N	SO	(BC167B)	BC167A	MPS6566		ZSC458
ZSC403				BC182A	BC171A			
ZSC403A	S	N	SO	(BC167A)				
ZSC404	S	N	SO	BC167A	BC167B	MPS6566		ZSC458
ZSC404				BC182A	BC171A			
ZSC405	G	N	MT, NI	(AC127)				
ZSC406	G	N	MT, NI	(AC127)				
ZSC407	S	N	SH, NI	BUY55				
ZSC408	S	N	SH, NI	BUY55				
ZSC409	S	N	SH, NI	BUY56				
ZSC410	S	N	SH, NI	BUY56				
ZSC411	S	N	SH, NI	BUY72				
ZSC412	S	N	SH, NI	BUY72				
ZSC423	S	N	SN	BSY58				
ZSC425	S	N	SN, TO	BSY58				
ZSC429	S	N	NI	(BF199)	BF173			ZSC464
ZSC429				BF224				
ZSC430	S	N	NI	(BF199)				
ZSC431	S	N	SH	(BUY57)				
ZSC432	S	N	SH	(BUY57)				
ZSC433	S	N	SH	(BUY58)				
ZSC434	S	N	SH	(BUY58)				
ZSC435	S	N	SH	(BUY73)				
ZSC436	S	N	SH	(BUY73)				
ZSC437	S	N	MT	(BSX63-6)				
ZSC438	S	N	MT	(BSX63-6)				
ZSC440	S	N	MT	(BSY58)				
ZSC441	S	N	MT	(BSY58)				
ZSC442	S	N	MT	(BSY34)				
ZSC443	S	N	MT	(BSX45-6)				
ZSC444	S	N	MT	(BSX45-6)				
ZSC445	S	N	MT	(BSX47-6)				
ZSC454	S	N	HI	(BC163A)	BC148	2N3568	MPS6520	ZSC281
ZSC454				BC148A	BC172A			
ZSC456	S	N	MA	(BSY34)	BSY58	2N2218		ZSC479
ZSC456				BSX73				
ZSC458	S	N	HI, MA	(BC167A)	BC148A	2N3568	MPS6520	ZSC281
ZSC458				BC183A	BC172A			
ZSC458K	S	N	HI	(BC167A)				
ZSC458LG	S	N	HI	(BC167A)				
ZSC460	S	N	HI	(BC167A)	BC148	2N3568	MPS6520	ZSC281
ZSC460				BC148A	BC183A			
ZSC460				BC172A				
ZSC461	S	N	HI	(BC167A)	BC148	2N3568	MPS6520	ZSC281
ZSC461				BC148A	BC183A			
ZSC463H	S	N	HI	(BF199)				
ZSC464	S	N	HI	(BF199)	BF173			
ZSC464				BF224				
ZSC465	S	N	HI	(BF199)	BF173			ZSC464
ZSC465				BF224				
ZSC466	S	N	HI	(BF199)	BF173			ZSC464
ZSC466				BF224				
ZSC468	S	N	HI	(BF199)	BF173			ZSC464
ZSC468				BF224				
ZSC468H	S	N	HI	(BF199)	BF173			ZSC464
ZSC468H				BF224				
ZSC470	S	N	SO	(BF457)	BF178			ZSC856
ZSC470				BF1400				
ZSC475	S	N	NI					
ZSC476	S	N	NI					
ZSC477	S	N	MA	BCY59V11				
ZSC478	S	N	MA	BCY59V11	BC107	2N3568	2N2921	ZSC458
ZSC478				BC182A				
ZSC479H	S	N	HI	BSY34				
ZSC481	S	N	TO			2N699		ZSD237
ZSC482	S	N	TO	BSX46		2N1613		ZSC485
ZSC482gn	S	N	TO	BSX45-16				
ZSC482or	S	N	TO	BSX45-6				
ZSC482ye	S	N	TO	BSX45-10				

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	
ZSC484	S	N	TO	(BSX47)		2SD110	ZSA484	
ZSC484bl	S	N	TO	(BSX47-10)				
ZSC484r	S	N	TO	(BSX47-6)				
ZSC484ye	S	N	TO	(BSX47-10)				
ZSC485	S	N	TO	BSX47	2N1893	2SC489	ZSA485	
ZSC485bl	S	N	TO	BSX47-10				
ZSC485r	S	N	TO	BSX47-6				
ZSC485ye	S	N	TO	BSX47-10				
ZSC486	S	N	TO	BSX46		2SC490	ZSA486	
ZSC486bl	S	N	TO	BSX46-16				
ZSC486r	S	N	TO	BSX46-6				
ZSC486ye	S	N	TO	BSX46-10				
ZSC487	S	N	TO	(BDY13)		2SC791		
ZSC488	S	N	TO	(BDY13)		2SC485		
ZSC489	S	N	TO	(BDY13)				
ZSC489bl	S	N	TO	(BDY13-16)				
ZSC489r	S	N	TO	(BDY13-6)				
ZSC489ye	S	N	TO	(BDY13-10)				
ZSC490	S	N	TO	BDY13		2SC486		
ZSC490bl	S	N	TO	BDY13-16				
ZSC490r	S	N	TO	BDY13-6				
ZSC490ye	S	N	TO	BDY13-10				
ZSC491	S	N	TO	BDY12		2SC482		
ZSC491bl	S	N	TO	BDY12-16				
ZSC491r	S	N	TO	BDY12-6				
ZSC491ye	S	N	TO	BDY12-10				
ZSC492	S	N	TO	BU310		2SC497		
ZSC493	S	N	TO	BU310				
ZSC493bl	S	N	TO	BU310				
ZSC493r	S	N	TO	BU310				
ZSC493ye	S	N	TO	BU310				
ZSC494	S	N	TO	BU310		2SC498		
ZSC494bl	S	N	TO	BU310				
ZSC494r	S	N	TO	BU310				
ZSC494ye	S	N	TO	BU310				
ZSC495	S	N	TO	BD139		2SC490		
ZSC495or	S	N	TO	BD139-10				
ZSC496r	S	N	TO	BD139-6				
ZSC496ye	S	N	TO	BD139-10				
ZSC498	S	N	TO	BD135		2SC491	ZSA496	
ZSC498or	S	N	TO	BD135-10				
ZSC498r	S	N	TO	BD135-6				
ZSC498ye	S	N	TO	BD135-16				
ZSC497	S	N	TO	BSX47		2SC493	ZSA497	
ZSC497or	S	N	TO	BSX47-10				
ZSC497r	S	N	TO	BSX47-6				
ZSC497ye	S	N	TO	BSX47-10				
ZSC498	S	N	TO	BSX46		2SC486	ZSA498	
ZSC498or	S	N	TO	BSX46-10				
ZSC498r	S	N	TO	BSX46-6				
ZSC498ye	S	N	TO	BSX46-16				
ZSC499	S	N	TO	(BF457)		2SC500		
ZSC500	S	N	TO	(BF457)		2SC499		
ZSC501	S	N	TO	(BSY34)		2SC504		
ZSC502	S	N	TO			2SC481		
ZSC503	S	N	TO	BSX46		2SC504	ZSA503	
ZSC503gn	S	N	TO	BSX46-16				
ZSC503or	S	N	TO	BSX46-6				
ZSC503ye	S	N	TO	BSX46-10				
ZSC504	S	N	TO	BSX45	2N1711	2SC503	ZSA504	
ZSC504gn	S	N	TO	BSX45-16				
ZSC504or	S	N	TO	BSX45-6				
ZSC504ye	S	N	TO	BSX45-10				
ZSC508	S	N	TO			2SC5019		
ZSC508	S	N	TO			2SC50		
ZSC509	S	N	TO	(BC337-16)			ZSA509	
ZSC509or	S	N	TO	(BC337-16)				
ZSC509ye	S	N	TO	(BC337-16)				
ZSC510	S	N	TO	(BSX47)		2SC13	ZSA510	
ZSC510or	S	N	TO	(BSX47-10)				
ZSC510r	S	N	TO	(BSX47-6)				
ZSC511	S	N	TO	BSX47		2SC12	ZSA511	
ZSC511or	S	N	TO	BSX47-10				
ZSC511r	S	N	TO	BSX47-6				
ZSC512	S	N	TO	BSX46	2N699	2SC513	ZSA512	

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
2SC512or	S	N	TO	BSX46-10				
2SC512r	S	N	TO	BSX46-6				
2SC513	S	N	TO	BSX45		2SC510	2SA513	
2SC513or	S	N	TO	BSX45-10				
2SC513r	S	N	TO	BSX45-6				
2SC515	S	N	TO			2SC485		
2SC516	S	N	TO	(BSX46-8)			2SA516	
2SC516A	S	N	TO	(BSX47-6)			2SA516A	
2SC517	S	N	TO		(2N3054)			
2SC518	S	N	TO	BU312				
2SC518A	S	N	TO	BU312				
2SC519	S	N	TO	BUY55				
2SC519A	S	N	TO	BUY55		2SC101		
2SC520	S	N	TO	BUY55				
2SC520A	S	N	TO	BUY55		2SC101	2SA657	
2SC521	S	N	TO	BUY55				
2SC521A	S	N	TO	BUY55		2SC101	2SA658	
2SC522	S	N	TO			2SC525	2SA510	
2SC523	S	N	TO			2SC525	2SA511	
2SC524	S	N	TP			2SC525	2SA512	
2SC525	S	N	TO			2SC522	2SA513	
2SC528	S	N	HI	BC168A				
2SC529	S	N	HI	BC187A				
2SC529A	S	N	HI	BC187A				
2SC529B	S	N	HI	BC167A				
2SC530	S	N	HI	BC167				
2SC530A	S	N	HI	BC167A				
2SC530B	S	N	HI	8C167A				
2SC530C	S	N	HI	8C187B				
2SC531	S	N	HI	8C187A				
2SC531A	S	N	HI	8C167A				
2SC531B	S	N	HI	BC167A				
2SC532	S	N	HI	8C167A				
2SC532A	S	N	HI	8C167A				
2SC532B	S	N	HI	BC167A				
2SC533	S	N	HI	BC167A				
2SC533A	S	N	HI	BC167A				
2SC533B	S	N	HI	8C167A				
2SC533C	S	N	HI	8C167A				
2SC535	S	N	HI, NS	(8F255)	BF232			
2SC535				8F234	BF184			
2SC538	S	N	MA	8CY58VIII	BC108		2SR550	
2SC538				8C108A	BC108B			
2SC538A	S	N	MA	8CY59VIII			2SA550A	
2SC539	S	N	MA	8CY58VIII	BF254			
2SC539				8F229	BF194			
2SC547	S	N	TO			2SC597		
2SC548	S	N	TO			2SC909		
2SC549	S	N	TO			2SC547		
2SC550	S	N	TO			2SC549		
2SC551	S	N	TO			2SC555		
2SC552	S	N	TO			2SC555		
2SC553	S	N	TO			2SC555		
2SC555	S	N	TO		2N497A			
2SC556	S	N	TO		2N497A			
2SC558	S	N	TO	8UX17A	BU312	2SC508		
2SC560	S	N	TO	BSX46-6		2N2405	2SA560	
2SC561	S	N	FU	(8F198)	8C108	2N3391		
2SC561				BC183A			2SC458	
2SC562	S	N	MA, NS	(8F198)				
2SC563	S	N	MA, NS	(8F198)				
2SC567	S	N	NI	(8FX89)				
2SC568	S	N	NI	(8FY90)				
2SC580	S	N	NI	(8CW77-16)				
2SC586	S	N	MA	BU312				
2SC587	S	N	MA, SO, TO	BC107B				
2SC587A	S	N	MA, SO, TO	BC107B				
2SC588	S	N	SO	(8SY68)				
2SC590	S	N	NI	BSX47-6				
2SC593	S	N	MA	(8F198)				
2SC594	S	N	NI, TO	BSY34			2SA594	
2SC594or	S	N	TO	BSY34				
2SC594r	S	N	TO	8SY34				
2SC594ye	S	N	TO	8SY34				
2SC595	S	N	NI, TO	BSX49	BSX48	2N2221	2SC495	2SA522

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
2SC596	S	N	NI	BSY34				
2SC597	S	N	FU, MA, TO	(BSX49)				
2SC601	S	N	MA	(BSY63)	BFX59		2SC707	
2SC605	S	N	NI	BF173	BF224		2SC464	
2SC606	S	N	NI	(BF199)				
2SC611	S	N	MA, NI, TO	(BFX89)	BFX59		2SC707	
2SC612	S	N	MA, NI, TO	(BFY90)				
2SC613	S	N	NI	(BSY63)				
2SC614	S	N	SN	(BSX45-6)				
2SC615	S	N	SN	(BSX45-6)				
2SC619	S	N	MT	8C168A				
2SC620	S	N	MT	8C167A				
2SC622	S	N	MT	8C108B	BC183A	2N3391	2SC458	
2SC631	S	N	SO	(8C168A)	BC107B			
2SC631	S	N	SO	8C182B				
2SC631A	S	N	SO	(8C168A)				
2SC632	S	N	SO	(8C167A)	BC108C			
2SC632	S	N	SO	BC183C				
2SC632A	S	N	SO	(8C167A)				
2SC633	S	N	SO	(8C168A)	BC107A			
2SC633	S	N	SO	BC182A				
2SC633A	S	N	SO	(8C168A)				
2SC634	S	N	SO	(8C167A)	BC107A		2SC633	
2SC634	S	N	SO	8C182A				
2SC634A	S	N	SO	(8C167A)				
2SC640	S	N	NI	8C108C	8C183C			
2SC641H	S	N	HI	(BSY63)				
2SC641K	S	N	HI	(BSY63)				
2SC642	S	N	TO	(BUY79)			2SC487	
2SC642A	S	N	TO	(BUY79)				
2SC643	S	N	TO	(BUY79)			2SC558	
2SC643A	S	N	TO	(BUY79)				
2SC644	S	N	MA	(8C168B)	BC167B	MPS6566		
2SC644	S	N	MA	8C182B	BC171B			
2SC646	S	N	MA	(BU310)				
2SC647	S	N	MA			(2N3442)		
2SC648H	S	N	HI	(8C108B)				
2SC649	S	N	HI	(8C108B)	BC107A	2N2921	2SC458	
2SC649	S	N	HI	8C182A				
2SC650	S	N	HI	(8C108B)	BC107B			
2SC650	S	N	HI	8C182B				
2SC654	S	N	NI	(BFX55)				
2SC657	S	N	SO	(BF199)	BF173		2SC464	
2SC667	S	N	MT	BF224				
2SC658	S	N	MT	(BF199)	BF173		2SC464	
2SC658	S	N	MT	BF224				
2SC659	S	N	MT	(BF199)	BF173		2SC464	
2SC659	S	N	MT	BF224				
2SC660	S	N	MT	(BF199)				
2SC661	S	N	MT	(BF199)				
2SC662	S	N	MT	(BF199)				
2SC664	S	N	HI	(BUY55)				
2SC665	S	N	HI	(BUY55)				
2SC666	S	N	SN, TS	(BF199)				
2SC674	S	N	SN, TS	(BF199)				
2SC680	S	N	HI	(BUY56)				
2SC680A	S	N	HI	(BUY56)				
2SC681	S	N	HI	(BUY56)				
2SC681A	S	N	HI	(BUY56)				
2SC682	S	N	HI, NS	(BF199)	BF173		2SC464	
2SC682	S	N	HI	BF224				
2SC683	S	N	HI	(BF199)	BF173		2SC464	
2SC683	S	N	HI	BF224				
2SC685	S	N	HI	(BUY78)				
2SC685A	S	N	HI	(BUY78)				
2SC686	S	N	NI	(BF457)				
2SC687	S	N	MA	(BUY78)				
2SC688A	S	N	MA	8C107A	8C182A	2N2921	2SC458	
2SC689H	S	N	HI	(BSY63)	BC107A			
2SC693	S	N	SN	(8C167B)				
2SC694	S	N	SN	(8C168B)				
2SC695	S	N	MA	BSX46-6				2SA546
2SC695A	S	N	MA	BSX47-6				2SC546A
2SC708	S	N	HI	BSX46-6				
2SC708A	S	N	HI	BSX47-6				

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
ZSC708AH	A	N	HI	BSX47-6				
ZSC708H	S	N	HI	BSX46-6				
ZSC709	S	N	MT	(BC108A)				
ZSC710	S	N	MT	BC167A				
ZSC711	S	N	MT	BC167B				
ZSC711A	S	N	MT	BC167B				
ZSC712	S	N	MT	BC167A	BC168		ZSC712A	
ZSC712A	S	N	MT	BF173				
ZSC712A	S	N	MT	BC167A	BC168A			
ZSC712A	S	N	MT	BC173				
ZSC713	S	N	MT	(BC167A)				
ZSC714	S	N	MT	(BC167A)				
ZSC715	S	N	SN, TS	(BC167A)				
ZSC716	S	N	SN, TS	(BC168A)				
ZSC727	S	N	FU	(BF457)				
ZSC728	S	N	FU	(BF458)				
ZSC730	S	N	MT	(BFX55)				
ZSC732	S	N	TO	(BC413B)				
ZSC732	S	N	TO				ZSC733	
ZSC732bl	S	N	TO	(BC413C)				
ZSC732gn	S	N	TO	(BC413B)				
ZSC733	S	N	TO	BC167			ZSC732	
ZSC733bl	S	N	TO	BC167B				
ZSC733gn	S	N	TO	BC167B				
ZSC733or	S	N	TO	BC167A				
ZSC733ye	S	N	TO	BC167A				
ZSC734	S	N	TO	(BC167)	BC107B	2N3508	ZSA561	
ZSC734	S	N	TO	BC182B				
ZSC734gn	S	N	TO	(BC167B)				
ZSC734or	S	N	TO	(BC167A)				
ZSC734r	S	N	TO	(BC167A)				
ZSC734ye	S	N	TO	(BC167B)				
ZSC735	S	N	TO	(BC337)			ZSC649	ZSA562
ZSC735gn	S	N	TO	(BC337-25)				
ZSC735or	S	N	TO	(BC337-16)				
ZSC735r	S	N	TO	(BC337-16)				
ZSC735ye	S	N	TO	(BC337-16)				
ZSC736	S	N	NI	(BUY55)				
ZSC738	S	N	MT	(BF255)				
ZSC739	S	N	MT	(BF255)				
ZSC740	S	N	MT	(BF255)				
ZSC741	S	N	MT	(BFX56)				
ZSC752	S	N	TO	(BSY63)			ZSC505	
ZSC752or	S	N	TO	(BSY63)				
ZSC752r	S	N	TO	(BSY63)				
ZSC752ye	S	N	TO	(BSY63)				
ZSC752G	S	N	TO	(BSY63)				
ZSC761	S	N	MA	(BFX59)				
ZSC762	S	N	MA	(BFX59)				
ZSC763	S	N	MT	(BF198)				
ZSC765	S	N	MT	(BUY55)				
ZSC766	S	N	MT	(BUY55)				
ZSC767	S	N	MT	(BUY56)				
ZSC768	S	N	MT	(BUY55)				
ZSC769	S	N	MT	(BUY56)				
ZSC770	S	N	MT	(BUY56)				
ZSC771	S	N	MT	(BUY56)				
ZSC772	S	N	SN	(BF198)				
ZSC773	S	N	MT	BC167				
ZSC779	S	N	TO	(BUY77)	2N3584			
ZSC779or	S	N	TO	(BUY77)				
ZSC779r	S	N	TO	(BUY77)				
ZSC779ye	S	N	TO	(BUY77)				
ZSC780	S	N	TO	(BF457)	BSX21			
ZSC780or	S	N	TO	(BF457)				
ZSC780r	S	N	TO	(BF457)				
ZSC780ye	S	N	TO	(BF457)				
ZSC780A	S	N	TO	(BF457)				
ZSC780Acr	S	N	TO	(BF457)				
ZSC780Ar	S	N	TO	(BF457)				
ZSC782	S	N	TO	(BUY77)			ZSC783	
ZSC782or	S	N	TO	(BUY77)				
ZSC782r	S	N	TO	(BUY77)				
ZSC782ye	S	N	TO	(BUY77)				
ZSC782A	S	N	TO	(BUY77)	2N3585			

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	US
25C783	S	N	TO	(BUY77)	2N3583		25A483	
25C783or	S	N	TO	(BUY77)				
25C783r	S	N	TO	(BUY77)				
25C783ye	S	N	TO	(BUY77)				
25C784	S	N	TO	(BF198)		25C785		
25C784br	S	N	TO	(BF198)				
25C784or	S	N	TO	(BF198)				
25C784r	S	N	TO	(BF198)				
25C784ye	S	N	TO	(BF198)				
25C785	S	N	TO	(BF198)		25C784		
25C785br	S	N	TO	(BF198)				
25C785or	S	N	TO	(BF198)				
25C785r	S	N	TO	(BF198)				
25C785ye	S	N	TO	(BF198)				
25C786	S	N	TO	(BF198)				
25C787	S	N	TO	(BFX59)				
25C789	S	N	TO	BD439	2N6292		25A489	
25C789or	S	N	TO	BD439				
25C789r	S	N	TO	BD439				
25C789ye	S	N	TO	BD439				
25C790	S	N	TO	BD437	2N6290		25A490	
25C790or	S	N	TO	BD437				
25C790ye	S	N	TO	BD437				
25C791	S	N	TO		(2N3054)	25C642		
25C792	S	N	TO	BUX168	BUY79			
25C793	S	N	TO	BUY55		25C556	25A663	
25C793or	S	N	TO	BUY55				
25C793r	S	N	TO	BUY55				
25C793ye	S	N	TO	BUY55				
25C796	S	N	FU	(BSX45-6)				
25C797	S	N	FU	(BSX45-6)				
25C798	S	N	FU	(BSX45-6)				
25C799	S	N	NI	(BSX63-6)				
25C802	S	N	FU	(BSX45-6)				
25C803	S	N	FU	(BSX45-6)				
25C806	S	N	SO	(BF457)				
25C806	S	N	SO	(BUY76)				
25C806A	S	N	SO	(BUY78)				
25C807	S	N	SO	(BUY58)				
25C807A	S	N	SO	(BUY58)				
25C815	S	N	NI	BC167A			25A539	
25C816	S	N	MT	BSX45-6				
25C817	S	N	MT	(BF457)				
25C818	S	N	MT	(BF457)				
25C823	S	N	NI	(BFX55)				
25C824	S	N	NI	(BFX55)				
25C825	S	N	FU	(BUY79)				
25C826	S	N	FU	BSX46-10				
25C827	S	N	FU	BSX46-10				
25C828	S	N	MA	BC167A	BC167	MPS6566	25A564	
25C828	S	N	MA	BC182A	BC171A			
25C828	S	N	MA	BC547				
25C828A	S	N	MA	BC167A			25A564A	
25C829	S	N	MA	(BF254)	BF494			
25C830	S	N	HI			(2N3054)		
25C833	S	N	TO	(BUY79)				
25C838	S	N	NI	(BC167A)				
25C839	S	N	NI	(BC167A)	BC167	MPS6566	25C458	
25C839	S	N	NI	BC182A	BC171A			
25C840	S	N	MA	(BUY55)				
25C840A	S	N	MA	(BUY55)				
25C841H	S	N	HI	(BSY63)				
25C847	S	N	FU	BC108A				
25C848	S	N	FU	BC108A				
25C849	S	N	FU	BC338-16				
25C850	S	N	FU	BC337-16				
25C854	S	N	FU	(BFX55)				
25C856	S	N	FU	(BFX55)				
25C856	S	N	HI	(BF457)	BF178			
25C857H	S	N	HI	(BC177A)				
25C857K	S	N	HI	(BC177A)				
25C858	S	N	SN, TS	(BC168B)				
25C859	S	N	SN, TS	(BC168B)				
25C864	S	N	TO	(BF198)	BF167	MPS6566	25C458	
25C864	S	N	TO	BC182A	BC171A			

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
25C867	S	N	SO	(BUY78)				
25C869	S	N	MT	(BF457)				
25C876	S	N	SN, TS	(BSX47-10)			25A532-3	
25C876	S	N	SN, TS	(BSX46-10)			25A532-4	
25C881	S	N	NI	BC167A				
25C894	S	N	SO	(BC108A)	BC108			
25C894	S	N	SO	BC182A				
25C895	S	N	SO	(BUY77)				
25C896	S	N	NI	BC107A				
25C897	S	N	HI	BUY55	BDY90		25A757	
25C898	S	N	HI	BUY55			25A758	
25C900	S	N	NI	(BC167B)				
25C901	S	N	MA	(BUY77)				
25C901A	S	N	MA	(BUY77)				
25C907	S	N	HI	(BSX48)				
25C907A	S	N	HI	(BSX49)				
25C907AH	S	N	HI	(BSX49)				
25C907H	S	N	HI	(BSX48)				
25C912	S	N	MT	BC108A	BC182A			
25C913	S	N	NI	(BSX49)				
25C914	S	N	NI	(BSX49)				
25C915	S	N	NI	(BSX49)				
25C917	S	N	HI	(BC197A)	BF177			
25C918	S	N	SO	(BF198)				
25C923	S	N	NI	(BC167B)			25A641	
25C926	S	N	SO	(BF457)				
25C927	S	N	SN, TS	(BFX89)				
25C928	S	N	SN, TS	(BFX89)				
25C929	S	N	SN, TS	(BF188)				
25C930	S	N	SN, TS	(BF198)				
25C935	S	N	HI	BUY78				
25C936	S	N	HI	(BUY79)				
25C937	S	N	HI	(BUY79)				
25C939	S	N	NI	(BUY55)				
25C940	S	N	NI	(BUY55)				
25C941	S	N	TO	(BC413)	BC168	MPS6520		
25C941	S	N	TO	BC168A	BC183A			
25C941	S	N	TO	BC172A				
25C941or	S	N	TO	(BC413B)				
25C941r	S	N	TO	(BC413B)				
25C941ye	S	N	TO	(BC413B)				
25C943	S	N	NI	(BCY65EVII)	BC107			
25C943	S	N	NI	BC182A				
25C944	S	N	NI	(BC187A)				
25C945	S	N	NI	(BC167B)			25A733	
25C947	S	N	MA	(BFX69)				
25C948	S	N	MA	(BFX59)				
25C959	S	N	NI	(BSX47-6)			25A606	
25C960	S	N	NI	(BSX47-10)			25A607	
25C979	S	N	TO	BCY65E			25A499	
25C979or	S	N	TO	(BCY65EVII)				
25C979r	S	N	TO	BCY65EVII				
25C979ye	S	N	TO	BCY65EVII				
25C979A	S	N	TO	(BCY65E)				
25C979Aor	S	N	TO	(BCY65EVII)				
25C979Ar	S	N	TO	(BCY65EVII)				
25C980	S	N	TO	(BC167)				
25C980or	S	N	TO	(BC187A)				
25C980r	S	N	TO	(BC187A)				
25C980ye	S	N	TO	(BC187A)				
25C980A	S	N	TO	(BC167)				
25C980Aor	S	N	TO	(BC167A)				
25C980Ar	S	N	TO	(BC167A)				
25C983	S	N	TO	(BF458)				
25C983or	S	N	TO	(BF458)				
25C983r	S	N	TO	(BF458)				
25C983ye	S	N	TO	(BF458)				
25C984	S	N	HI	BC337-16				
25C988	S	N	NI	(BFR15)				
25C988A	S	N	NI	(BFR15)				
25C988B	S	N	NI	(BFR15)				
25C989	S	N	NI	(BFR34)				
25C994	S	N	TO	(BFX55)				
25C996	S	N	TO	(BF459)				
25C996	S	N	TO	(BF459)				

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	US
ZSC997	S	N	TO	(BF199)				
ZSC998	S	N	TO	(BFX55)				
ZSC999	S	N	TO	(BUY79)				
ZSC999A	S	N	TO	(BUY79)				
ZSC1000	S	N	TO	BC167B			2SA493	
ZSC1000cl	S	N	TO	BC167B				
ZSC1001	S	N	TO	(BFX55)				
ZSC1004	S	N	TO	(BUY79)				
ZSC1004A	S	N	TO	(BUY79)				
ZSC1005	S	N	SN, TO	(BUY79)				
ZSC1005A	S	N	SN, TO	(BUY79)				
ZSC1006	S	N	NI	BCY59X			2SA579	
ZSC1008	S	N	NI	BSX46-16				
ZSC1010	S	N	NI	BCY59X	BC110	2SC856	2SA578	
ZSC1010	S	N	NI	BC1771	BC174			
ZSC1012	S	N	MA	(BF458)				
ZSC1012A	S	N	MA	(BF458)				
ZSC1013	S	N	MT	(BD135)			2SA623	
ZSC1014	S	N	MT	(BD135)			2SA624	
ZSC1017	S	N	MT	(BD139)				
ZSC1018	S	N	MT	(BD139)				
ZSC1024	S	N	SN, TS		2N3054			
ZSC1025	S	N	SN, TS		(2N3054)			
ZSC1030	S	N	HI	BUY55			2SA756	
ZSC1031	S	N	NI, FU	(BUY79)				
ZSC1033	S	N	MA	(BF458)				
ZSC1033A	S	N	MA	(BF458)				
ZSC1034	S	N	SO	(BUY79)				
ZSC1035	S	N	SN, TS	(BFX89)				
ZSC1036	S	N	SN, TS	(BFX89)				
ZSC1047	S	N	MA	(BF254)				
ZSC1050	S	N	SN, TS	BUY79				
ZSC1051	S	N	SN, TS	BUY55			2SA714	
ZSC1056	S	N	SO	(BF459)				
ZSC1059	S	N	HI	(BF459)				
ZSC1060	S	N	HI	(BD439)			2SA670	
ZSC1061	S	N	HI	(BD439)			2SA671	
ZSC1061K	S	N	HI	(BD439)				
ZSC1062	S	N	NI	(BF458)				
ZSC1071	S	N	NI	(BSX49)				
ZSC1072	S	N	NI	(BSX49)			2SA717	
ZSC1072A	S	N	NI	(BSX49)				
ZSC1079	S	N	SN, TO		2N3442		2SA679	
ZSC1079r	S	N	TO		2N3442			
ZSC1079ye	S	N	TO		2N3442			
ZSC1080	S	N	SN, TO		2N4347		2SA680	
ZSC1080r	S	N	TO		2N4347			
ZSC1080ye	S	N	TO		2N4347			
ZSC1088	S	N	MT	(BF459)				
ZSC1089	S	N	MT	(BF459)				
ZSC1096	S	N	NI	(BD135)			2SA634	
ZSC1098	S	N	NI	(BD139)			2SA636	
ZSC1101	S	N	NI	(BUY79)				
ZSC1104	S	N	NI	(BUY79)				
ZSC1106	S	N	NI	(BUY77)				
ZSC1111	S	N	SA	BUY55				
ZSC1112	S	N	SA	BUY55				
ZSC1114	S	N	SA	BUY77				
ZSC1115	S	N	SA	BUY55				
ZSC1116	S	N	SA	BUY58				
ZSC1117	S	N	HI	(BFX59)				
ZSC1123	S	N	SO	(BF199)				
ZSC1124	S	N	SO	(BF458)				
ZSC1127	S	N	SO	(BF458)				
ZSC1129	S	N	SO	(BF198)				
ZSC1160	S	N	NI	(BUY58)			2SA652	
ZSC1161	S	N	NI	(BUY56)			2SA653	
ZSC1162	S	N	HI	(BD135)			2SA715	
ZSC1165	S	N	TO	(BFX56)				
ZSC1166	S	N	TO	(BC167)			2SA861	
ZSC1166gn	S	N	TO	(BC167B)				
ZSC1166or	S	N	TO	(BC167A)				
ZSC1166r	S	N	TO	(BC167A)				
ZSC1166ye	S	N	TO	(BC167A)				
ZSC1167	S	N	TO	(BUY79)				

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
2SC1168	S	N	TO	(BF459)				
2SC1170	S	N	TO	(BUY79)				
2SC1170B	S	B	TO	(BUY79)				
2SC1171	S	N	TO	(BUY79)				
2SC1172	S	N	TO	(BUY79)				
2SC1172A	S	N	TO	(BUY79)				
2SC1173	S	N	TO	(BD437)	2N6288		2SA473	
2SC1173gn	S	N	TO	(BD437)				
2SC1173ar	S	N	TO	(BD437)				
2SC1173r	S	N	TO	(BD437)				
2SC1173ye	S	N	TO	(BD437)				
2SC1174	S	N	HI	(BUY79)				
2SC1175	S	N	SN, TS	(BC167A)			2SA659	
2SC1180	S	N	SN, TS	(BFX59)				
2SC1187	S	N	NI	(BF198)				
2SC1195	S	N	TO	BUX16	(BUY72)			
2SC1204	S	N	HI	(BF240)				
2SC1205	S	N	HI	(BF241)				
2SC1212	S	N	HI	(BD137)			2SA743A	
2SC1212A	S	N	HI	(BD139)				
2SC1213	S	N	HI	(BC337-16)			2SA673	
2SC1213A	S	N	HI	(BC337-16)			2SA673A	
2SC1213K	S	N	HI	(BC337-16)				
2SC1214	S	N	HI	(BC337-16)				
2SC1215	S	N	MA	(BFX59)				
2SC1222	S	N	NI	BC167B			2SA640	
2SC1226	S	N	MA	(BD135)			2SA699	
2SC1226A	S	N	MA	(BD135)			2SA699A	
2SC1235	S	N	SN, TS	(BF459)				
2SC1268	S	N	NI	(BFR14A)				
2SC1269	S	N	NI	(BFR14A)				
2SC1270	S	N	NI	(BFR14A)				
2SC1271	S	N	NI	(BFR14A)				
2SC1272	S	N	NI	(BFR14A)				
2SC1275	S	N	NI	(BFY90)				
2SC1279	S	N	NI	(BF458)				
2SC1285	S	N	SN	(BC167A)				
2SC1293	S	N	SN, TS	(BF198)				
2SC1285	S	N	SN, TS	(BUY79)				
2SC1296	S	N	SN	(BUY79)				
2SC1303	S	N	MA	BSX45-6				
2SC1306	S	N	NI	(BD139)				
2SC1308	S	N	SN, TS	(BUY79)				
2SC1316	S	N	SO	(BUY79)				
2SC1317	S	N	MA	(BC338-16)			2SA719	
2SC1318	S	N	MA	(BC337-16)			2SA720	
2SC1325	S	N	NI	(BUY79)				
2SC1335	S	N	HI	(BF240)				
2SC1336	S	N	NI	(BFR14A)				
2SC1343	S	N	HI	BUY55			2SA753	
2SC1343H	S	N	HI	BUY55				
2SC1344	S	N	HI	(BC237A)				
2SC1345	S	N	HI	(BC237A)				
2SC1358	S	N	NI	(BUY79)				
2SC1359	S	N	MA	(BF254)				
2SC1387	S	N	HI	(BUY79)				
2SC1367A	S	N	HI	(BUY79)				
2SC1368	S	N	HI	(BD135)			2SA738	
2SC1380	S	N	TO	BC414B				
2SC1380bl	S	N	TO	BC414C				
2SC1380gn	S	N	TO	BC414B				
2SC1380A	S	N	TO	BC414B				
2SC1380Abl	S	N	TO	BC414C				
2SC1380Agn	S	N	TO	BC414B				
2SC1381	S	N	TO	(BF457)				
2SC1382	S	N	TO	BD139			2SA681	
2SC1382or	S	N	TO	BD139-10				
2SC1382ye	S	N	TO	BD139-10				
2SC1385H	S	N	HI	(BSY34)				
2SC1386H	S	N	HI	(BSY34)				
2SC1398	S	N	MA	(BD441)			2SA748	
2SC1402	S	N	SA	(BUY65)				
2SC1403	S	N	SA	(BUY65)				
2SC1413	S	N	HI	(BUY79)				
2SC1413A	S	N	HI	(BUY79)				

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
2SC1416	S	N	TO	(BU55)				
2SC1416A	S	N	TO	(BC107B)				
2SC1418	S	N	HI	(BD439)			2SA754	
2SC1419	S	N	HI	(BD439)			2SA755	
2SC1424	S	N	NI	(BFY90)				
2SC1433	S	N	TO	BUY79				
2SC1434	S	N	TO	BUY76				
2SC1436	S	N	SA	(BUY72)				
2SC1440	S	N	SA	BUY56				
2SC1441	S	N	SA	BUY72				
2SC1444	S	N	SA	(BUY55)				
2SC1445	S	N	SA	(BUY55)				
2SC1447	S	N	TO	(BF459)				
2SC1448A	S	N	TO		TA8863			
2SC1449	S	N	NI	(BD135)				
2SC1450	S	N	MA	(BUY77)			2SA766	
2SC1453	S	N	TO	(BCY65EVII)				
2SC1454	S	N	SA	BUY77				
2SC1456	S	N	NI	(BF459)				
2SC1458	S	N	NI	(BFR14A)				
2SC1466	S	N	SH	(BUY79)				
2SC1467	S	N	SH	(BUY79)				
2SC1468	S	N	SH	(BUY76)				
2SC1469	S	N	SH	(BUY76)				
2SC1504	S	N	SA	(BUY78)				
2SC1505	S	N	NI	(BF459)				
2SC1506	S	N	NI	(BF459)				
2SC1507	S	N	NI	(BF459)				
2SC1514	S	N	HI	(BF459)				
2SC1515K	S	N	HI	(BF458)				
2SC1516K	S	N	HI	(BD135)				
2SC1517AK	S	N	HI	(BD139)				
2SC1520	S	N	NI	(BF458)				
2SC1521	S	N	NI	(BF458)				
2SC1576	S	N	TO	BUX16				
2SD11	G	N	NI	(AC127)				
2SD15	S	N	HI, SA		(2N3055)			
2SD16	S	N	HI, SA		(2N3055)			
2SD17	S	N	SA		(2N3442)			
2SD18	S	N	SA	(BUY56)				
2SD19	G	N	NI	(AC127)				
2SD20	G	N	NI	(AC127)				
2SD21	G	N	NI	(AC127)				
2SD22	G	N	NI	(AC127)				
2SD23	G	N	NI	(AC127)				
2SD24	S	N	SN, TS	(BF459)				
2SD25	G	N	NI	(AC127)				
2SD28	S	N	SO		(2N3054)			
2SD29	S	N	SO		(2N3054)			
2SD30	G	N	TS	AC127	AC179		2SD96	2SB22
2SD31	G	N	MA	AC127	AC179	2N2430	2SD96	
2SD32	G	N	MA	AC127	AC179	2N2430	2SD96	
2SD33	G	N	FU	AC127	AC179	2N2430	2SD96	2SB33
2SD34	G	N	FU	AC127	AC179	2N2430	2SD96	2SB34
2SD35	G	N		AC127	AC179	2N2430	2SD96	
2SD36	G	N		AC127	AC179	2N2430	2SD96	
2SD37	G	N	FU	AC127	AC179	2N2430	2SD96	2SB37
2SD38	G	N	FU	AC127	AC179	2N2430	2SD96	2SB38
2SD41	S	N	TO	(BUY57)				
2SD43	G	N	TO	(AC127)				2SB43
2SD43A	G	N	TO	AC127	AC179	2N2430	2SD96	2SB43A
2SD44	G	N	TO	AC127	AC179	2N2430	2SD96	2SB44
2SD45	S	N	SO	BU110				
2SD46	S	N	SO	BD130	AM291	2N3055		
2SD47	S	N	HI, SO, CE	(BU114)	BD130	2N3059	2SD46	
2SD47	S	N	FU	BD109	AM291			
2SD48	S	N	FU	BUY46		(2N3054)		
2SD49	S	N	SO	BUY46		(2N3054)		
2SD50	S	N	FU	BD130	AM291	2N3055		
2SD51	S	N	TO, SO	BD130	AM291	2N3055		
2SD51A	S	N	SO, TO			(2N3055)		
2SD53	S	N	TO, FU	BD130	AM291	2N3055		
2SD54	S	N	FU	BD130	AM291	2N3055		
2SD55	S	N	TO	(BUY57)				
2SD55A	S	N	TO	(BUY58)				

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
2SD56	S	N	SO	BU110						
2SD67	S	N	MT	BUY43		(2N3054)				
2SD58	S	N	MT	BUY43		(2N3054)				
2SD59	S	N	MT, CE	BD130	AM291	2N3055				
2SD60	S	N	MT	BD130	AM291	2N3055				
2SD61	G	N	SO	AC127	AC179	2N2430	2N647	2SD96		
2SD61	G	N	SO	ASY28				2T682		
2SD62	G	N	SO	AC127	AC179	2N2430	2N647	2SD96		
2SD62	G	N	SO	ASY28				2T681		
2SD63	G	N	SO	AC127	AC179	2N2430	2N647	2SD96		
2SD63	G	N	SO	AC127	AC179	2N2430	2N647	2T69		
2SD64	G	N	SO	AC127	AC179	2N2430	2N647	2SD96		
2SD64	G	N	SO	AC127	AC179	2N2430	2N647	2T648		
2SD65	G	N	SO	AC127	AC179	2N2430	2N647	2SD96		
2SD65	G	N	SO	AC127	AC179	2N2430	2N647	2T65R		
2SD66	G	N	SO	AC127	AC179	2N2430	2N647	2SD96		
2SD67	S	N	SN, TS	BU114						
2SD68	S	N	SN, HI, TS	BU114						
2SD69	S	N	SO	(BUY55)						
2SD70	S	N	NI	(BDY12-10)	BD109	2N3054				
2SD70	S	N	NI	BOY34	BD124					
2SD70	S	N	NI	BD107						
2SD71	S	N	NI	(BDY13-10)	BUY46					
2SD72	G	N	SN, TS	(AC127)						
2SD73	S	N	NI	BD130	AM291	2N3055			ZSA405	
2SD74	S	N	NI	BU110						
2SD75	G	N	HI	AC127	AC176	2N3442				ZSB506
2SD75	G	N	HI	AC186	AC187K	2N2430				
2SD75A	G	N	HI	(AC127)						
2SD75AH	G	N	HI	(AC127)						
2SD75H	G	N	HI	(AC127)						
2SD77	G	N	HI	AC127	ASY29	2N2430				
2SD77A	G	N	HI	(AC127)						
2SD77AH	G	N	HI	(AC127)						
2SD77H	G	N	HI	(AC127)						
2SD78	S	N	NI	BSX63	BSX63-10					ZSB504
2SD79	S	N	NI	BUY46		(2N3054)				ZSB505
2SD80	S	N	SA	(BU114)	BD130	2N3055				
2SD80	S	N	SA	AM291						
2SD81	S	N	SA	(BU114)	BD130	2N3055				
2SD81	S	N	SA	AM291						
2SD82	S	N	SA	(BU114)	BD130	2N3055				
2SD82	S	N	SA	AM291						
2SD83	S	N	SA	(BU114)	BD130	2N3055				
2SD83	S	N	SA	AM291						
2SD84	S	N	SA	(BU114)	BU110					
2SD88	S	N	SO	BUY77						
2SD88A	A	N	SO	BUY74						
2SD90	S	N	SA			(2N3054)				
2SD91	S	N	SA			(2N3054)				
2SD92	S	N	SA			(2N3054)				
2SD96	G	N	HI	AC187K	AC175K					ZSB496
2SD96	G	N	HI	(AC127)						
2SD96	G	N	HI	BU110		2N6261	(2N3054)			ZSB502
2SD102	S	N	TO			(2N3054)				
2SD102or	S	N	TO			(2N3054)				
2SD102r	S	N	TO			(2N3054)				
2SD102ye	S	N	TO			(2N3054)				
2SD103	S	N	TO			2N3054				ZSB503
2SD103or	S	N	TO			2N3054				
2SD103r	S	N	TO			2N3054				
2SD103ye	S	N	TO			(2N3054)				
2SD104	G	N	TO	AC127	AC179	2N2430		2SD96		ZSB364
2SD105	G	N	TO	AC127	AC179	2N2430		2SD96		ZSB365
2SD110	S	N	TO	BUY55				ZSD111		
2SD110or	S	N	TO	BUY55						
2SD110r	S	N	TO	BUY55						
2SD110ye	S	N	TO	BUY55				ZSD113		
2SD111	S	N	TO	BUY55						
2SD111or	S	N	TO	BUY55						
2SD111r	S	N	TO	BUY55						
2SD111ye	S	N	TO	BUY55						
2SD113	S	N	TO	(BUY57)				ZSD111		
2SD113or	S	N	TO	(BUY57)						
2SD113ye	S	N	TO	(BUY57)						
2SD114	S	N	TO	(BUY67)				ZSD113		

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
2SD114or	S	N	TO	(BUY57)				
2SD114r	S	N	TO	(BUY57)				
2SD114ye	S	N	TO	(BUY57)				
2SD118	S	N	TO	BUY55	BU110			
2SD118bl	S	N	TO	BUY55				
2SD118r	S	N	TO	BUY55				
2SD118ye	S	N	TO	BUY55				
2SD119	S	N	TO	BUY55	BU110			
2SD119bl	S	N	TO	BUY55				
2SD119r	S	N	TO	BUY55				
2SD119ye	S	N	TO	BUY55				
2SD120	S	N	HI	(BSX46-6)				
2SD120H	S	N	HI	(BSX46-6)				
2SD121	S	N	HI	(BSX46-6)				
2SD121H	S	N	HI	(BSX46-6)				
2SD122	S	N	HI			2N3054		
2SD123	S	N	HI			2N3054		
2SD124	S	N	HI	BD130	AM291	2N3055	MJD3055	
2SD124A	S	N	HI	BD130	AM291	2N3055		
2SD125AH	S	N	HI			(2N4347)	(2N3055)	
2SD124H	S	N	HI	BD130				
2SD125	S	N	HI	BD130	AM291	2N3055	MJD3055	
2SD125A	S	N	HI	BD130	AM291	2N3055		
2SD125H	S	N	HI	BD130				
2SD126H	S	N	HI	BU110		(2N3442)		
2SD128A	G	N	SO	(AC127)				
2SD129	S	N	TO			2N6372	(2N3054)	
2SD129bl	S	N	TO			(2N3054)		
2SD129r	S	N	TO			(2N3054)		
2SD129ye	S	N	TO			(2N3054)		
2SD130	S	N	TO			2N3054		
2SD130bl	S	N	TO			2N3054		
2SD130r	S	N	TO			2N3054		
2SD130ye	S	N	TO			2N3054		
2SD132	S	N	NI	(BUY57)				
2SD141	S	N	NI, HI	(BDY12-16)	BUY43			
2SD142	S	N	NI	(BDY12-16)	BUY43			
2SD143	S	N	NI	(BDY13-16)	BUY46			
2SD144	S	N	NI	(BDY13-16)	BD109	2N3054	2SC830	
2SD144				BDY34	BD124			
2SD144				BD107				
2SD146	S	N	FU	BD109	BDY34	2N3054	2SC830	
2SD146				BD124	BD107			
2SD147	S	N	FU, HI, CE	BDY13		2N3054		
2SD150	S	N	NI			2N3054		2SA613
2SD151	S	N	NI	BD130	AM291	2N3055		
2SD152	S	N	NI	BY110				
2SD154	S	N	NI	(BDY13-10)	BDY13			
2SD155	S	N	NI	(BDY13-10)				2SA616
2SD156	S	N	FU	(BUY77)				
2SD157	S	N	FU	(BUY79)				
2SD158	S	N	FU	(BUY77)				
2SD159	S	N	FU	(BUY79)				
2SD162	G	N	FU	(AC127)				
2SD163	S	N	SA			2N3055		
2SD164	S	N	SA			2N3055		
2SD165	S	N	SA			2N3442		
2SD166	S	N	SA	(BUY56)				
2SD167	G	N	FU	(AC127)				
2SD170	G	N	HI	(AC127)				
2SD170A	G	N	HI	AC127				
2SD171	S	N	SO	(BUY77)				
2SD172	S	N	FU	BD130	AM291	2N3055		
2SD173	S	N	FU	BD130	AM291	2N3055		
2SD174	S	N	FU, HI, CE	BUY46		2N3055		
2SD175	S	N	FU, CE	BD130	AM291	2N3055		
2SD176	S	N	FU	BD130	AM291	2N3055		
2SD177	S	N	FU			2N4347		
2SD178	G	N	MA	(AC127)				
2SD178A	G	N	MA	(AC127)				
2SD180	S	N	NI	BD130	AM291	2N3055		2SA626
2SD182	S	N	FU	(BSX46-6)	BUY43			
2SD183	S	N	FU	(BSX46-6)	BUY46			
2SD184	S	N	FU	(BSX46-6)	BUY46			
2SD185	S	N	FU	(BSX46-6)	BUY46			

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
2SD186	G	N	TS	AC127	AC179	2N2430		2SB186
2SD187	G	N	TS	AC127	AC179	2N2430		2SB187
2SD188	S	N	NI	(BU114)				2SA627
2SD189	S	N	MA	BUY55	BU110			
2SD189A	S	N	MA, HI	BUY55	BU110			
2SD191	G	N	TO	(AC127)				
2SD192	G	N	TO	(AC127)				
2SD193	G	N	TO	(AC127)				
2SD194	G	N	TO	(AC127)				
2SD195	G	N	FU, CE	AC127	AC179	2N2430		
2SD196	S	N	FU	BUY55IV				
2SD197	S	N	FU	BUY55IV				
2SD198	S	N	MA	(BUY78)	BU111			
2SD199	S	N	MA	(BUY79)				
2SD200	S	N	SA, MA	(BUY79)				
2SD201	S	N	SA	(BU114)				
2SD202	S	N	SA	(BU114)				
2SD203	S	N	SA	(BU114)				
2SD204	S	N	NI	(BSX45)				
2SD211	S	N	SA	(BUY55)				
2SD212	S	N	SA	(BUY55)				
2SD213	S	N	SA	(BUY55)				
2SD214	S	N	SA	(BUY55)				
2SD217	S	N	HI, NI			2N3442		2SA648
2SD218	S	N	NI			2N4347		2SA649
2SD219	S	N	SA	(BSX45-6)				
2SD220	S	N	SA	(BSX46-6)				
2SD221	S	N	SA	(BSX47-6)				
2SD222	S	N	SA	(BU114)				
2SD223	S	N	SA	(BU114)				
2SD224	S	A	SA	(BU114)				
2SD226	S	N	MA	BUY43		(2N3054)		
2SD226A	S	N	MA	BUY46		(2N3054)		2SA642
2SD226B	S	N	MA			(2N3054)		
2SD227	S	N	NI	(BC168A)				
2SD234	S	N	TO	(BD439)	BUY46	RCA3054		2SB434
2SD234or	S	N	TO	(BD439)				
2SD234r	S	N	TO	(BD439)				
2SD234ye	S	N	TO	(BD439)				
2SD235	S	N	TO	(BD437)	BUY43	RCA3054		2SB435
2SD235or	S	N	TO	(BD437)				
2SD235r	S	N	TO	(BD437)				
2SD235ye	S	N	TO	(BD437)				
2SD236	S	N	SA			(2N3054)		
2SD237	S	N	SA			(2N3054)		
2SD238	S	N	SA			(2N3054)		
2SD254	S	N	NI			2N3054		
2SD255	S	N	NI			2N3054		2SA615
2SD256	S	N	SA	(BU114)		2N3054		
2SD257	S	N	SA	(BU114)				
2SD258	S	N	SA	(BU114)				
2SD259	S	N	SA	(BU114)				
2SD287	S	N	NI	BUY58				
2SD288	S	N	NI	(BD441)				
2SD289	S	N	NI	(BD441)				
2SD291	S	N	SO			2N3054		
2SD292	S	N	SO			2N3054		
2SD297	S	N	NI	(BU114)				
2SD312	S	N	MA	(BUY79)				
2SD313	S	N	SN, TS	(BD439)				2SB507
2SD314	S	N	SN, TS	(BD439)				2SB508
2SD315	S	N	SN, TS			2N3054		2SB509
2SD316	S	N	SO	BUY55				
2SD317	S	N	MA	(BD439)				
2SD317A	S	N	MA	(BD441)				
2SD318	S	N	MA	(BD439)				
2SD318A	S	N	MA	(BD441)				
2SD319	S	N	MA	(BUY57)				
2SD320	S	N	SN, TS	BUY77				
2SD321	S	N	MA	(BUY74)				
2SD324	S	N	MA	(BUY79)				
2SD325	S	N	SN, TS	(BD439)				2SB511
2SD327	S	N	NI	(BC337-16)				2SA723
2SD328	S	N	NI	BSX48-10				2SB510
2SD330	S	N	SN, TS	(BD439)				2SB514

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
2SD331	S	N	SN, TS	(BD439)				2SB515
2SD334	S	N	MA		2N4347			
2SD334A	S	N	MA		2N3442			
2SA335	S	N	NI	(BU114)				
2SD341	S	N	HI		2N3055			
2SD351	S	N	MA	BUY78				
2SD352	G	N	MA	(AC176)				2SB324
2SD362	S	N	NI	(BUY55)				
2SD367	G	N	NI	(AC127)				2SB475
2SD369	S	N	TO		2N3055			
2SD370	S	N	TO	(BUY65)				
2SD371	S	N	TO	BU114	2N6254			
2SD375	S	N	NI	BUY67				
2SD376	S	N	NI	BUY73				
2SD376A	S	N	NI	BUY74				
2SD377	S	N	NI	BUY76				
2SD383	S	N	HI	BUY77				
2SD388	S	N	NI	BUY57				
2SD404C	S	N	TO		2N6288			
2SD424	S	N	TO		2N6262			
2SD425	S	N	TO		2N3442			
2SD427	S	N	TO		2N4347			
2SD428	S	N	TO		2N4348			
2SD523	S	N	TO		2N6384			
2SD524	S	N	TO		2N6385			
2SD526	S	N	TO		2N6292			
2SD552	S	N	TO	BUX17A				
2SK13	S	N	TO		2N5457			
2SK17gr	S	N	TO		2N5457			
2SK17or	S	N	TO		2N5457			
2SK17r	S	N	TO		2N5457			
2SK17ye	S	N	TO		2N5457			
2SK19bl	S	N	TO		2N5485			
2SK19gr	S	N	TO		2N5485			
2SK19ye	S	N	TO		2N5486			
2SK23	S	N	SO		2N5486			
2SK32	S	N	SO		2N5486			
2SK35	S	N	SO		2N5485			
2T11	G	P		AC128	AC131	2N2431	2N322	2SD48
2T11				AC153				
2T12	G	P		AC128	AC131	2N2431	2N322	2SB48
2T12				AC153				
2T13	G	P		AC128	AC131	2N2431	2N223	2SB49
2T13				AC153				
2T14	G	P		AC128	AC131	2N2431	2N324	2SB49
2T14				AC153				
2T15	G	P		AC128	AC131	2N2431	2N232	2SB48
2T15				AC153				
2T16	G	P		AC128	AC131	2N2431	2N322	2SB48
2T16				AC153				
2T17	G	P		AC128	AC131	2N2431	2N322	2SB48
2T17				AC153				
2T18	G	P				2N526		2SB53
2T20	G	P		AC128		2N2431		
2T21	G	P		AC128	AC153	2N2431	2N319	2SB51
2T22	G	P		AC128	AC131	2N2431	2N320	2SB51
2T22				AC153				
2T23	G	P		AC128	AC131	2N2431	2N321	2SB52
2T23				AC153				
2T24	G	P		AC128	AC131	2N2431	2N321	2SB52
2T24				AC153				
2T25	G	P		AC128	AC131	2N2431	2N320	2SB51
2T25				AC153				
2T26	G	P		AC128	AC131	2N2431	2N319	2SB51
2T26				AC153				
2T51	G	N		AC127	ASY73	2N2430	2N169	2SC76
2T52	G	N		ASY73		2N169		2SC77
2T53	G	N		ASY74		2N169		2SC73
2T54	G	N		ASY74				2T524
2T61	G	N		AC127	ASY73	2N2430	2N647	2SD65
2T62	G	N		AC127	ASY73	2N2430	2N647	2SD66
2T63	G	N		AC127	ASY74	2N2430	2N647	2SD63
2T64	G	N		AC127		2N2430	2N1261	2SD64
2T64R	G	N		AC127	ASY74	2N2430	2N647	2SD64
2T65	G	N		AC127	ASY74	2N2430	2N649	2SD65

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
ZT65R	G	N		AC127		2N2430	2N647	ZSD65		
ZT66	G	N		AC127	ASY75	2N2430	2N647	ZSD66		
ZT66R	G	N		AC127		2N2430	2N647	ZSD66		
ZT67	G	N		AC127	ASY75	2N2430	2N647			
ZT67	G	N		ASY73						
ZT69	G	N		AC127		2N2430	2N647	ZSD63		
ZT71	G	N		ASY73		2N169		ZSC75		
ZT72	G	N		ASY73		2N169		ZSC75		
ZT73	G	N				2N168	2N1058	ZSC73		
ZT73R	G	N		ASY14		2N168A	2N1086	ZSC73		
ZT74	G	N		ASY14		2N168		ZT73		
ZT75	G	N				2N169		ZSC75		
ZT75R	G	N		ASY73		2N169	2N293	ZSC75		
ZT76	G	N		ASY75		2N169	2N233A	ZSC76		
ZT76R	G	N				2N169	2N293	ZSC76		
ZT77	G	N				2N169		ZSC77		
ZT77R	G	N		ASY73		2N169		ZSC77		
ZT78	G	N		ASY73		2N1109	2N1121			
ZT78R	G	N		ASY73		2N1109	2N1121	ZSC78		
ZT82	G	N				2N576		ZSD63		
ZT83	G	N				2N576		ZSD63		
ZT84	G	N				2N576	2N1101	ZSD63		
ZT85	G	N		AC127	ASY73	2N2430	2N1251	ZSD63		
ZT86	G	N		AC127		2N2430	2N1101	ZSD63		
ZT89	G	N		AC127	ASY73	2N2430	2N649			
ZT201	G	N		AF178	AF185	2N2495	2N384	ZSA122		
ZT201	G	N		AF135						
ZT203	G	P		AF178	AF185	2N2495	2N370	ZSA124		
ZT203	G	P		AF134						
ZT204	G	P		AF178	AF134	2N2495	2N284			
ZT204A	G	P		AF178		2N2495				
ZT205	G	P		AF124	AF134	2N384		ZSA125		
ZT205A	G	P		AF178		2N2495				
ZT311	G	P		AC128	AC132	2N322	2N2431	ZSB51		
ZT311	G	P		AC153						
ZT312	G	P		AC128	AC132	2N2431	2N322	ZSB51		
ZT312	G	P		AC153						
ZT313	G	P		AC128	AC131	2N2431	2N323	ZSB52		
ZT313	G	P		AC153	AC132					
ZT314	G	P		AC128	AC131	2N2431	2N324	ZSB52		
ZT314	G	P		AC132	AC153					
ZT315	G	P		AC128	AC131	2N2431	2N508	ZSB50		
ZT315	G	P		AC132	AC153					
ZT321	G	P		AC128	AC131	2N2431	2N319	ZSB51		
ZT321	G	P		AC153						
ZT322	G	P		AC128	AC131	2N2431	2N320	ZSB51		
ZT322	G	P		AC153						
ZT323	G	P		AC128	AC131	2N2431	2N321	ZSB52		
ZT323	G	P		AC153						
ZT324	G	P		AC128		2N2431	2N321	ZSB52		
ZT383	G	P		AC131	AC132	2N526		ZSB53		
ZT383	G	P		AC153						
ZT501	G	N				2N326				
ZT511	G	N		ASY73		2N169		ZSC77		
ZT512	G	N		ASY73		2N169		ZSC77		
ZT513	G	N		ASY73		2N169	2N194	ZSC77		
ZT520	G	N		ASY73		2N169	2N233A	ZSC77		
ZT521	G	N		ASY73				ZSC76		
ZT522	G	N		ASY73				ZSC77		
ZT523	G	N		ASY73				ZSC77		
ZT524	G	N				2N216				
ZT551	G	N		ASY74				ZSC73		
ZT552	G	N		ASY73				ZSC75		
ZT681	G	N		AC127		2N2430	2N647	ZSD61		
ZT682	G	N		ASY73				ZSD62		
ZT701	G	N		ASY74		2N168		ZSC73		
ZT2001	G	P		AF178	AF124	2N2495	2N384	ZSA121		
ZT2001	G	P		AF134						
ZT3011	G	P		ASZ16	AUY21	2N301		ZSB140		
ZT3011	G	P		AUY28						
ZT3021	G	P		ASZ15	AUY22	2N301		ZSB141		
ZT3021	G	P		AUY28						
ZT3030	G	P		AD149	AD150	2N2836	2N301	ZSB142		
ZT3031	G	P		AD149	AD150	2N2836	2N301	ZSB143		
ZT3032	G	P		AD149	AD150	2N2836	2N301	ZSB144		

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
2T3033	G	P		AD149	AD150	2N2836	2N301	2S8144
2T3041	G	P		AD149	AD150	2N2836		2S8145
2T3042	G	P		AD149	AD150	2N2836		2S8146
2T3043	G	P		AD149	AD150	2N2836		2S8146
3G2	J	N				2N5457		
3MC	G	P		AF185				
3N25/501	G	P		AF185	OC71			
3N62	S	N	TR			3N79		
3N63	S	N	TR			3N78	3N79	
3N64	S	N	TR			3N77	3N79	
3N65	S	N	TR			3N79		
3N66	S	N	TR			3N78		
3N67	S	N	TR			3N77	3N79	
3N68	S	N	TR			3N79		
3N68A	S	N	TR			3N79		
3N69	S	N	TR			3N78	3N79	
3N70	S	N	TR			3N77	3N78	
3N71	S	N	TR			3N77	3N79	
3N72	S	N	TR			3N78	3N79	
3N73	S	N	TR			3N79		
3N74	S	N	TX, TR			3N79		
3N75	S	N	TX, TR			3N79		
3N76	S	N	TX, TR			3N79		
3N77	S	N	TX, TR			3N79		
3N78	S	N	TX, TR			3N79		
3N79	S	N	TX, TR					
3N87	S	N				3N77	3N79	
3N88	S	N				3N78	3N79	
3N90	S	P	SP			3N110	3N111	
3N91	S	P	SP			3N110	3N111	
3N92	S	P	SP			3N111		
3N93	S	P	SP			3N108	3N111	
3N94	S	P	SP			3N108	3N111	
3N95	S	P	SP			3N109	3N111	
3N98	M	N				MFE3004		
3N99	M	N				MFE3004		
3N100	S	P	SP			3N108	3N111	
3N101	S	P	SP			3N108	3N111	
3N102	S	P	SP			3N108	3N111	
3N103	S	P	SP			3N108	3N111	
3N104	S	P	SP			3N108	3N111	
3N105	S	P	SP			3N108	3N111	
3N106	S	P	SP			3N108	3N111	
3N107	S	P	SP			3N108	3N111	
3N108	S	P	TX, SP			3N311		
3N109	S	P	TX, SP			3N111		
3N110	S	P	TX, SP			3N111		
3N111	S	P	TX, SP					
3N112	S	P				3N108	3N111	
3N113	S	P				3N108	3N111	
3N114	S	P	SP			3N110	3N111	
3N115	S	P	SP			3N110	3N111	
3N116	S	P	SP			3N111		
3N117	S	P	SP			3N110	3N111	
3N118	S	P	SP			3N110	3N111	
3N119	S	P	SP			3N111		
3N121	S	P				3N111		
3N123	S	P	SP			3N111		
3N127	S	N				3N79		
3N128	M	N	MO, RC, TX, GI			MFE3004	3N142	
3N129	S	P				3N108	3N111	
3N130	S	P				3N108	3N111	
3N131	S	P				3N108	3N111	
3N132	S	P				3N108	3N111	
3N133	S	P				3N108	3N111	
3N134	S	P				3N108	3N111	
3N136	S	P				3N108	3N111	
3N138	M	N	RC, GI			3N108	3N111	
3N139	M	N	RC, GI			MFE3004	3N139	
						MFE3004	3N128	
3N140	M	N	MO, RC, GI			3N141		
3N141	M	N	RC, GI			MFE130		
3N142	M	N	RC, GI			MFE3004	40486	
3N143	M	N	RC, GI			MFE3004		
3N145	M	P	GI, IL			2N4352	3N174	

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
3N146	M	P	GI, IL		3N157A	3N174		
3N147	M	P	GI, IL		2N4067			
3N148	M	P	GI, IL		2N4067			
3N149	M	P	IL		3N157A	3N158A		
3N149	M	P	IL		3N161			
3N150	M	P	IL		3N157A	3N158A		
3N150	M	P	IL		3N161			
3N151	M	P	GI, IL		2N4067			
3N152	M	N	RC, GI		MFE3004	3N143		
3N153	M	N	GI, RC, TX		MFE3004	3N138		
3N154	M	N	RC, GI		MFE3004	MFE3005		
3N154	M	N	RC, GI		40467A			
3N158	M	P	MO, GI, IL, TX		SFC4047			
3N158A	M	P	MO, GI, IL, TX		SFC4047			
3N159	M	N	GI, RC		MFE131	3N140		
3N160	M	P	TX, GI, IL		MFE3003	3N161		
3N161	M	P	TX, GI, IL		MFE3003	3N160		
3N162	M	P	GI		MFE3003	3M161		
3N163	M	P	SD, GI, IL, SX, TX		3N158			
3N164	M	P	SD, GI, IL, SX, TX		3N158			
3N165	M	P	SD, GI, IL		2N4067			
3N166	M	P	SD, GI, IL		2N4067			
3N167	M	P	SX, GI		MFE3003			
3N168	M	P	SX, GI		MFE3003			
3N172	M	P	SD, GI, IL					
3N173	M	P	SD, GI, IL					
3N174	M	P	TX, GI					
3N175	M	N	GI		2N4352			
3N176	M	N	GI		2N4351			
3N177	M	N	GI		2N4351			
3N178	M	P	GI					
3N179	M	P	GI		3N155			
3N180	M	P	GI, IL		3N155			
3N181	M	P	GI		3N155			
3N182	M	P	GI		3N155			
3N183	M	P	GI		3N155			
3N184	M	P	GI		3N155			
3N185	M	P	GI		3N155			
3N186	M	P	GI		3N155			
3N187	M	N	RC, GI, SX		MFE132			
3N200	J	N	RC, GI		3N201			
3N201	J	N	TX, GI, SX					
3N202	J	N	TX, GI, SX					
3N203	J	N	TX, GI, SX					
3N204	J	N	TX					
3N212	J	N	RC, TX		3N223			
3NU40	G	P		AC126	2N2429			
3NU70	G	P		AC126	2N2429			
3SK20H	M	N	HI		2N5457			
3SK21H	M	N	HI		2N5457			
3SK22	J	N	TO		2N5485			
3SK23	J	N	TO		2N5485			
3SK28	J	N	TO		2N5485			
4G2	J	N			2N5485			
4JD117	G	P		AC128	2N2431			
4JX1E850	G	N		AC127	2N2430			
4JX2A601	G	N		AC127	2N2430			
4JX2A816	G	N		AC127	2N2430			
4JX16A567	S	N			2N4401	2N3566		
4JX16A667	S	N			2N4400	2N4401		
4JX16A667	S	N			SE6001	SE6002		
4JX16A668	S	N			2N4401	2N3568		
4JX16A669	S	N			2N4401	2N3566		
4NU40	G	P		AC126	2N2429			
4NU70	G	P		AC126	2N2429			
5G2	J	N			2N5485			
6MC	G	P		AF185				
6XT2	G	P		AC126	2N2429			
8D	G	P		AF185				
8E	G	P		AF185	OC45			
8F	G	P		AF185	OC45			
12HO1	G	P		AF185				
12MC	G	P		AF185				
14T	J	N			TIS14	2N4224		
18G2	S	N			2N6770	2N3563		

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
16J1	S	N			2N5772	2N4275		
16J2	S	N			2N5772	2N4275		
16K1	S	N			SE5002			
16K2	S	N			SE5002			
16K3	S	N			SE5003			
16L42	S	N			2N4123	EN4123		
16L43	S	N			2N4123	EN4123		
16L44	S	N			2N4123	EN4123		
20MC	G	P		AF 185				
25T1	G	P		AF 185				
26T1	G	P		AF 185				
29	S	N	RC	(BD437)				
29A	S	N	RC	(BD439)				
29B	S	N	RC	(BD441)				
29C	S	N	RC	(BD441)				
30	S	P	RC	(BD438)				
30A	S	P	RC	(BD440)				
30B	S	P	RC	(BD442)				
30C	S	P	RC	(BD442)				
31	S	N	RC	(BD437)				
31A	S	N	RC	(BD439)				
31B	S	N	RC	(BD441)				
31C	S	N	RC	(BD441)				
31T1	G	P		AF 185				
32	S	P	RC	(BD438)				
32A	S	P	RC	(BD440)				
32B	S	P	RC	(BD442)				
32C	S	P	RC	(BD442)				
32T1	G	P		AF 185				
33T1	G	P		AF 185				
34T1	G	P		AF 185				
34-6000	G	P		AC128	2N2431			
34-6000-3	G	P		AF 185				
34-6000-16	G	P		AC128	2N2431			
34-6000-18	G	P		AF 185				
34-6000-19	G	P		AF 185				
34-6000-28	G	P		AC128	2N2431			
34-6000-33	G	P		AC128	2N2431			
34-6009	G	P		AC128	2N2431			
35T1	G	P		AF 185				
36T1	G	P		AF 185				
37T1	G	P		AF 185				
41	S	N	RC	(BD437)				
41A	S	N	RC	(BD439)				
41B	S	N	RC	(BD441)				
41C	S	N	RC	(BD441)				
42	S	P	RC	(BD438)				
42A	S	P	RC	(BD440)				
42B	S	P	RC	(BD442)				
42C	S	P	RC	(BD442)				
42T	J	N			SX42	U1898E		
44T1	G	P		AC128	2N2431			
58T	J	N			2N5953	2N4302		
59T					2N5951	U1873E		
73T2	S	N	SE, NU, ML		40392			
74T2	S	N	SE, NU, ML		40628			
82T1	G	P	SE	AD149	2N2838			
98AT6	G	P		AC128	2N2431			
99B5	G	P		AC128	2N2431			
99BA6	G	P		AF 185				
99BE6	G	P		AF 185				
99L6	G	N		AC127	2N2430			
99Q7	G	N		AC127	2N2430			
100S	J	N			2N6950	E100		
100T2	S	N	SE		2N4347			
101	S	P	RC	(BD438)				
101S	J	N			2N3460	E101		
102	S	P	RC	(BD440)				
102M	J	N			2N5950	2N5486		
102S	J	N			2N5953	E102		
103	S	P	RC	(BD440)				
103M	J	N			2N5953	2N5457		
103S	J	N			2N5949	E103		
104	S	P	RC	(BD442)				
104M	J	N			2N6953	2N5458		

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
104T2	S	N	SE		2N6263			
105	S	N	RC	(8D440)				
105M	L	N			2N5951	2N5469		
105U	J	N			2N3458			
106M	J	N			2N5245	2N5485		
107M	J	N			2N5247	2N5486		
108T2	S	N	SE		2N5039			
109T2	S	N	SE		2N6354			
110U	J	N			2N3821			
115U	J	N			2N3459			
102U	J	N			2N3821			
121-19	G	P		AC128	2N2431			
121-27	G	P		AC128	2N2431			
121-34	G	P		AC128	2N2431			
121-44	G	P		AF185				
121-45	G	P		AF185				
121-46	G	P		AC128	2N2431			
121-47	G	P		AC128	2N2431			
121-48	G	P		AF185				
121-49	G	P		AF185				
121-51	G	P		AF185				
121-52	G	P		AC128	2N2431			
121-53	G	P		AF185				
121-54	G	P		AF185				
121-61	G	P		AC128	2N2431			
121-62	G	P		AF185				
121-63	G	P		AF185				
121-64	G	P		AC128	2N2431			
121-65	G	P		AF185				
121-66	G	P		AF185				
121-67	G	P		AF185				
121-68	G	P		AC128	2N2431			
121-69	G	P		AC128	2N2431			
121-72	G	P		AF185				
121-73	G	P		AF185				
121-74	G	P		AF185				
121-75	G	P		AF185				
121-76	G	P		AF185				
121-78	G	P		AF185				
121-83	G	P		AF185				
121-91	G	P		AF185				
121-92	G	P		AF185				
121-93	G	P		AF185				
121-95	G	P		AC128	2N2431			
121-96	G	P		AC128	2N2431			
121-100	G	P		AF185				
121-102	G	P		AF185				
121-103	G	P		AF185				
121-104	G	P		AF185				
121-105	G	P		AF185				
121-106	G	P		AC128	2N2431			
121-107	G	P		AC128	2N2431			
121-120	G	P		AC128	2N2431			
121-128	G	P		AF185				
121-161	G	P		AF185				
121-182	G	P		AF185				
121-164	G	P		AC128	2N2431			
121-179	G	P		AF185				
121-180	G	P		AF185				
121-190	G	P		AC128	2N2431			
121-191	G	P		AC128	2N2431			
121-192	G	P		AC128	2N2431			
121-1032	G	P		AC128	2N2431			
121-1033	G	P		AC128	2N2431			
121-1034	G	P		AC128	2N2431			
121-1035	G	P		AC128	2N2431			
121-1036	G	P		AC128	2N2431			
125U	J	N			2N3480			
126T1	G	P		AC128	2N2431			
127T1	G	P		AC128	2N2431			
130U	J	N			TN4338			
135U	J	N			2N3480			
153T1	G	P		AF185				
154T1	G	P		AF185				
155T1	G	P		AF185				

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
155U	J	N			2N4416			
156T1	G	P		AF185				
157T1	G	P		AF185	2N2495			
159T1	G	P		AF185				
160T1	G	P		AF178	2N2495			
161T1	G	P		AF178				
162T	G	P		AF178	2N2495			
182S	J	N			2N2495			
182T2A	S	N	SE	BUX16				
182T2B	S	N	SE	BUX16				
182T2C	S	N	SE	BUX16				
183S	J	N			5F89448	2N3823		
183T2A	S	N	SE	BUX16				
183T2B	S	N	SE	BUX16				
183T2C	S	N	SE	BUX16				
184T2A	S	N	SE	BUX16				
184T2B	S	N	SE	BUX16				
184T2C	S	N	SE	BUX16				
185T2A	S	N	SE	BUX16A				
185T2B	S	N	SE	BUX16A				
185T2C	S	N	SE	BUX16A				
197S	J	N			2N3460	TN4338		
198S	J	N			2N3459	TN4340		
199S	J	N			2N3458	TN4341		
200S	J	N			2N3458	2N4092		
200U	J	N			2N5549	2N4393		
201	S	N	RC	(BD437)				
201S	J	N			2N3492	2N4091		
202	S	N	RC	(BD439)				
202S	J	N			2N3491	2N4092		
203	S	N	RC	(BD439)				
203S	J	N			2N3821			
204	J	N	RC	(BD441)				
204S	J	N			2N3821			
205	S	N	RC	(BD439)				
210U	J	N			2N4416	2N3822		
222	G	P		AF185	OC45			
225	G	P		AF185	OC45			
228	G	P		AF185	OC44			
231S	J	N			2N5545	2N3954		
232S	J	N			2N5546	2N3955		
233S	J	N			2N5547	2N3956		
234	G	P		AF185				
234S	J	N			2N5045	2N3957		
235S	J	N			2N5045	2N3958		
241U	J	N			2N3822			
250U	J	N			2N4859	2N3970		
261U	J	N			2N4861	2N3971		
300	G	P		OC72				
301	G	P		OC72				
302	G	P		OC72				
310	G	P		AC126	OC72	2N2429		
350	G	P		AC128	OC72	2N2431		
352	G	P		AC128	OC72	2N2431		
353	G	P		AC128	OC72			
370	S	P	RC	(BD438)				
371	S	P	RC	(BD438)				
410	S	N	RC	BUY73				
411	S	N	RC	BUY75				
413	S	N	RC	BUY76				
421T1	G	P		AC126	2N2431			
423	S	N	RC	BUY76				
431	S	N	RC	BUY76				
488T1	G	P		AC128	2N2431			
501T1	G	P		AF178	2N2495			
503T1	G	P		AF178	2N2495			
520	S	N	RC	(BD437)				
521	S	N	RC	(BD437)				
570C	G	P		OC58				
585U	J	N			2N5245	U1994E		
541T1	G	P		AC126	2N2431			
555T1	G	P	SE	AC126	2N2429			
567T1	G	P	SE	AC126	2N2429			
588T1	G	P	SE	AC126	2N2429			
595T1	G	P	SE	AC126	2N2429			

TYPE	M/S	POL	MANUFACTURER	EUROPEAN		AMERICAN		JAPANESE	COMPL	USE
890TI	G	P	SE	AC126		2N2429				
891TI	G	P	SE	AC126		2N2429				
692T2	G	P		AC126		2N2429				
703U	J	N				2N3822				
704U	J	N				2N3822				
705U	J	N				2N3824				
707U	J	N				2N4091				
714U	J	N				2N3823				
734EU	J	N				U1994E				
734U	J	N				2N4416				
751U	J	N				TN4340				
752U	J	N				TN4341				
753U	J	N				2N3459	2N4092			
754U	J	N				2N3459	TN4340			
755U	J	N				2N3458	TN4341			
756U	J	N				2N3458	2N4224			
760	G	P		AF 185						
761	G	P		AF 185						
941TI	G	P	SE	AC126		2N2429				
965TI	G	P	SE	AC126		2N2429				
987TI	G	P	SE	AC126		2N2431				
988TI	G	P	SE	AC126		2N2431				
989TI	G	P		AC126		2N2429				
990TI	G	P		AC126		2N2429				
991TI	G	P		AC126		2N2429				
992TI	G	P		AC126		2N2429				
1032	G	P		AC126	OC72	2N2431				
1033	G	P		AC126	OC72	2N2431				
1034	G	P		AC126	OC72	2N2431				
1035	G	P		AC126	OC72	2N2431				
1036	G	P		AC126	OC72	2N2431				
1277A	J	N				2N3822				
1278A	J	N				2N3821				
1279A	J	N				2N3821				
1280A	J	N				2N3822	2N4224			
1281A	J	N				2N3458	2N3822			
1292A	J	N				2N3458	TN4341			
1283A	J	N				2N3459	TN4340			
1284A	J	N				2N3458	2N3069			
1285A	J	N				2N3821	2N3453			
1286A	J	N				2N3459	2N3069			
1320	G	P		AC126	OC72	2N2431				
1325A	J	N				2N4222				
1330	G	P		AC126	OC72	2N2431				
1340	G	P		AC126	OC72	2N2431				
1350	G	P		AC126	OC72	2N2431				
1360	G	P		AC126	OC72	2N2431				
1390	G	P		AF 185	OC45					
1400	G	P		AF 185	OC45					
1410	G	P		AF 185	OC45					
1714A	J	N				2N3459	TN4340			
2000M	J	N				2N4416	2N3823			
2001M	J	N				2N4416	2N3823			
2078A	J	N				2N5546	2N4083			
2079A	J	N				2N5547	2N4083			
2080A	J	N				2N5547	2N4085			
2081A	J	N				2N5045	2N4085			
2093M	J	N				2N5647				
2094M	J	N				2N5648				
2095M	J	N				2N5649				
2098A	J	N				2N5545	SU 2098			
2099A	J	N				2N5546	SU 2099			
2130U	J	N				2N5546	2N3954			
2132U	J	N				2N5546	2N3955			
2134U	J	N				2N5547	2N3956			
2136U	J	N				2N5045	2N3958			
2138U	J	N				2N5046	2N3958			
2139U	J	N				2N5047	2N3958			
2147U	J	N				2N5047	2N3958			
2148U	J	N				2N5047	2N3958			
2149U	J	N				2N5047	2N3958			
3436	G	P		AF 185						
3504	G	P		AC126		2N2429				
6100-35	G	P		AC126		2N2431				
09390	G	P		AC126		2N2431				

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
09391	G	P		AC128		2N2431		
12119	G	P		AC128		2N2431		
12152	G	P		AC128		2N2431		
12153	G	P		AF185	OC44			
12161	G	P		AC128		2N2431		
12163	G	P		AF185				
12165	G	P		AF185	OC45			
12166	G	P		AF185	OC45			
12173	G	P		AF185	OC45			
12178	G	P		AF185				
40022	G	P	RC, St	AUY211V		40050		
40050	G	P	RC, St	AUY211V		40051		
40051	S	N	RC, St	AUY221V		2N3715		
40080	S	N	RC, St, SM			40081		
40081	S	N	RC, St, SM			40080		
40082	J	N	RC, St, SM			40081		
40084	S	N	RC, SM, SQ, St	{BSX49}		2N2897		
40231	S	N	SM, RC, St	BC108A		40232		
40232	S	N	SM, RC, St	BC108B		40233		
40233	S	N	SM, RC, St	BC108B		2N718A		
40234	S	N	SM, RC, St	BC108A		40233		
40235	S	N	RC, SM, NS			40472		
40236	S	N	RC, SM, NS			40235		
40237	S	N	RC, SM, NS			40474		
40238	S	N	RC, SM, NS			40239	40240	
40239	S	N	RC, SM, NS			40240		
40240	S	N	RC, SM, NS			40239		
40242	S	N	RC, SM, NS			40478		
40243	S	N	RC, SM, NS			40478		
40244	S	N	RC, SM, NS			40480		
40245	S	N	RC, SM, NS			40481	40246	
40246	S	N	RC, SM, NS			40481	40245	
40250	S	N	RC, AT, St, KE, PP			2N4913	2N3054	2N5956
40250	S	N	RC			40250V1	TIP31	
40250V1	S	N	RC			(2N3054)	40250	
40251	S	N	RC, AT, PP, BL, St			2N6569	2N3055	
40251	S	N	RC, SM, NS			2N3771	2N5881	
40254	G	P	RC, St	AUY211V		40051	40022	
40261	G	P	RC			40487		
40262	G	P	RC			40488		
40263	G	P	RC			40490	40395	
40279	S	N	RC, SQ			2N3375		
40280	S	N	RC, SM, St			2N4427		
40281	S	N	RC, SM, St					
40282	S	N	RC, SM, St			2N3632		
40290	S	N	RC, SQ, St			40291		
40291	S	N	RC, SQ, St			40290		
40292	S	N	RC, SQ, St			40282		
40294	S	N	RC, SQ	{BFY90}		2N2857		
40295	S	N	RC			2N2708		
40296	S	N	RC	{BFY90}		2N3839		
40305	S	N	RC, SS, St			2N3553		
40306	S	N	RC, SS, St			2N3375		
40307	S	N	RC, SS, St			2N3632		
40309	S	N	RC, SS, St	BSX45-16		2N5321	40311	
40309	S	N	RC			40315		
40309J1	S	N	RC			40309		
40309J2	S	N	RC			40309		
40310	S	N	RC, SS, St			2N3054	40314	
40310	S	N	RC, SS, St			40324	TIP31	
40310V1	S	N	RC, St			40310	40314	
40311	S	N	RC, SS, St	BSX45-16		2N5321	40314	
40311V1	S	N	RC, St			40311	40314	
40311V2	S	N	RC, SS, St			40311	40314	
40312	S	N	RC, SS, St			40316	TIP31A	
40312	S	N	RC, SS, St			2N3054		
40313	S	N	RC, SS, St	{BUY78}		40318	TIP48	
40313	S	N	RC, SS, St			SE9331		
40314	S	N	RC, SS, St	BSX45-16		2N5321	40315	40319
40314V1	S	N	RC, St			40314	40315	
40314V2	S	N	RC, SS, St			40314	40315	
40315	S	N	RC, SS, St	BSX45-16		2N5321	40314	
40315V1	S	N	RC, St			40315	40314	
40315V2	S	N	RC, SS, St			40315	40314	
40316	S	N	RC, SS, St			2N3054	40312	

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
40316					TIP31			
40317	S	N	RC, SS, St	BSX45-10	2N5321	40320		
40317V1	S	N	RC, St		40317	40320		
40317V1					40326			
40317V2	S	N	RC, SS, St		40317	40320		
40317V2					40326			
40318	S	N	RC, St	(BUY78)	SE9331	40322		
40318					TIP48			
40319	S	P	RC, SS, St	BSV 15-6	2N5323	40362	40314	
40319V1	S	P	RC, St		40319			
40319V2	S	P	RC, SS, St		40319			
40320	S	N	RC, SS, St	BSX45-10	2N5321	40317		
40320V1	S	N	RC, St		40320	40317		
40320V2	S	N	RC, SS, St		40320	40317		
40321	S	N	RC, SS, St		2N3440	40327		
40321V1	S	N	RC, St		40321			
40321V2	S	N	RC, SS, St		40321			
40322	S	N	RC, SS, St	(BUY78)	SE9331	40318		
40322					TIP48			
40323	S	N	RC, SS, St	BSX45-16	2N5321	40309		
40323V1	S	N	RC, St		40323			
40323V2	S	N	RC, SS, St		40323	40309		
40324	S	N	RC, SS, St		2N3054	40316		
40324					TIP31			
40325	S	N	RC, SS, St		2N6569	2N3055		
40325					2N3715	2N5877		
40326	S	N	RC, SS, St	BSX45-10	2N5321	40317		
40326V1	S	N	RC, St		40326	40320		
40326V1					40317			
40326V2	S	N	RC, SS, St		40326	40320		
40326V2					40317			
40327	S	N	RC, SS, St		2N3440	40385		
40327V1	S	N	RC, St		40327			
40327V2	S	N	RC, SS, St		40327			
40328	S	N	RC, St	(BUY78)	SE9331	2N4240		
40328					TIP48			
40329	G	P	RC		40341			
40340	S	N	RC, SS		40340			
40341	S	N	RC, SS		40340			
40346	S	N	RC, SS, St		2N3440	40412		
40346V1	S	N	RC, St		40346			
40346V2	S	N	RC, SS, St		40412			
40347	S	N	RC, SS, St	(BSX62-6)	2N5321	40348		
40347V1	S	N	RC, St		40347			
40347V2	S	N	RC, SS, St		40347			
40348	S	N	RC, SS, St	(BSX63-6)	2N4238	40349		
40348V1	S	N	RC, St		40348			
40348V2	S	N	RC, SS, St		40348			
40349	S	N	RC, SS, St		40348			
40349V1	S	N	RC, St		40348			
40349V2	S	N	RC, SS, St		40348			
40354	S	N	RC		40355			
40355	S	N	RC		40354			
40359	G	P	RC, St		40263			
40360	S	N	RC, SS, St, SM	BSX46-10	2N5320	40361		
40360V1	S	N	RC, St		40360			
40360V2	S	N	RC, SS, St		40360			
40361	S	N	RC, SS, St, SM	BSX46-16	2N5320	40360	40362	
40361V1	S	N	RC, St		40361			
40361V2	S	N	RC, SS, St		40361			
40362	S	P	RC, St, SM	BSV 16-10	2N5322	40319	40361	
40362V1	S	P	RC, St		40362			
40362V2	S	P	RC, SS, St		40362			
40363	S	N	RC, SZ, SS, PP, St		2N3055	2N3715		
40363					2N5877			
40364	S	N	RC, SZ, SS, PP, St	BDX25-6	TIP31A			
40366	S	N	RC, SS, St, SQ	BSX47-6	2N5320	2N2405		
40366V1	S	N	RC, St		40366			
40366V2	S	N	RC, SS, St		40366			
40367	S	N	RC, SS, St, SQ	(BSX63-6)	2N4238	40368		
40367V1	S	N	RC, St		40367			
40367V2	S	N	RC, SS, St		40367			
40368	S	N	RC, St		2N1486			
40369	S	N	RC, SS, St, PP, SQ		2N5873	2N4914		
40369					2N3713			

TYPE	M/S	POI	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
40372	S	N	RC, St		(2N3055)	2N3054		
40372					TIP31A			
40373	S	N	RC, St, PP		2N3441			
40374	S	N	RC, St		2N3583	TIP47		
40375	S	N	RC, St		2N5873	2N3879		
40375					TIP31A			
40385	S	N	RC, SS, SM, St, SQ		2N3439	2N4063		
40385V1	S	N	RC, St		40385	2N4063		
40385V2	S	N	RC, SS, St		40385	2N4063		
40389	S	N	RC, St		40392	2N3053		
40390	S	N	RC, St		2N3440			
40391	S	P	RC, St		2N5323	40394		
40391					2N4037			
40392	S	N	RC, St		40389			
40394	S	P	RC, St		2N5323	2N4037		
40395	G	P	RC, SM, St, NP		40263			
40396/N	G	N	RC, St	AC127				
40396/P	G	P	RC, St	AC152				
40397	S	N	RC, St		40453			
40398	S	N	RC, SM, St		40454			
40399	S	N	RC, SM, St		40455			
40400	S	N	RC, SM, St		40456			
40405	S	N	RC, SM, St, SQ		50419			
40406	S	P	RC, SM, St	BSV16-10			40407	
40407	S	N	RC, SM, St, SQ	BSX46-10	40408		40406	
40408	S	N	RC, SM, St, SS, SQ	BSX47-10				
40409	S	N	RC, St		2N5053		40410	
40410	S	P	RC		2N4036		40409	
40411	S	N	RC, PP, SF, SQ, St		MJ802	2N3715		
40411					2N5878			
40412	S	N	RC, SS, St, SQ		2N3440	40412V1		
40412					40412V2			
40412V1	S	N	RC, St		40412			
40412V2	S	N	RC, SS, St, SQ		40412			
40413	S	N	RC		TIP33			
40414	S	N	RC	(BFY90)	TIP33			
40421	G	P	RC, St	AUY221V	2N2147			
40439	G	P	RC, SS		2N3731			
40440	G	P	RC, SS		2N3731			
40446	S	N	RC, St		40582			
40450	S	N	RC		2N3241A			
40451	S	N	RC		2N3242A			
40452	S	N	RC		2N4074			
40453	S	N	RC		2N3242A			
40454	S	N	RC		2N3242A			
40455	S	N	RC		40398	40399		
40456	S	N	RC		40400			
40457	S	N	RC	(BSX45-10)				
40458	S	N	SM, RC, St	(BSX45-10)	40459	2N3241A		
40459	S	N	RC, St		2N3241A			
40480	M	N			MFE3004	MFE3005		
40481	M	N			MFE3004	MFE3005		
40462	G	P	RC, GP, St	AUY211V	40421			
40464	S	N	SM, RC, PP	(BU310)				
40465	S	N	SM, RC, PP	(BU310)				
40466	S	N	SM, RC, PP	(BU310)				
40467	M	N	RC		MFE3004			
40467A	M	N	RC		MFE3004	3N154		
40468	M	N	RC		MFE3004	40468A		
40468A	S	N	RC		MFE3004	40559		
40468A					3N201			
40472	S	N	RC, NS, SM		40473			
40473	S	N	RC, NS, SM		40472			
40474	S	N	RC, NS, SM		40237			
40475	S	N	RC, NS, SM		40476	40477		
40476	S	N	RC, NS, SM		40475	40477		
40477	S	N	RC, NS, SM		40476	40478		
40478	S	N	RC, NS, SM		40479			
40479	G	N	RC, NS, SM		40478			
40480	S	N	RC, NS, SM		40474			
40481	S	N	RC, SM, NS		40482			
40482	S	N	RC, NS, SM		40481			
40487	G	P	RC		40488	40261		
40488	G	P	RC		40281			
40489	G	P	RC		40487			

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
40490	G	P	RC		40395	2N2953		
40491	S	N	RC, St, SM, SQ					
40500	S	N	SM	BC107A				
40513	S	N	RC, PP		(2N3055) TIP33	2N5035		
40514	S	N	RC, PP, St		(2N3055) TIP33	40513		
40517	S	N	RC		40518 40296	2N3839		
40518	S	N	RC		40517	2N3839		
40518	S	N	RC, SS, St, SQ		40296			
40519	S	N	RC, SS, SM, St, SQ	BSV16-16	40405			
40537	S	P	RC, SS, SM, St, SQ	BSV16-6	2N5322	40362		
40538	S	P	RC, SS, SM, St, SQ	BSX46-6	2N5322		40539	
40539	S	N	RC, SS, SM, St		40635		40538	
40542	S	N	RC		(2N3055)	40543		
40543	S	N	RC		(2N3055)	40633		
40544	S	N	RC, SM, St		40392			
40559	M	N	RC		MFE3004	40468A		
40559A	M	N	RC		MFE3004	40467A		
40577	S	N	RC, SS, SQ		2N3118			
40578	S	N	RC, St, KE		2N3866			
40581	S	N	RC, SM		40582			
40582	S	N	RC, SM		40581			
40594	S	N	RC, SM	(BSX47-10)	2N5338		40595	
40595	S	P	RC, SS, SM, St, SQ	(BSV17-10)			40594	
40600	J	N	RC		MFE130	MFE132		
40600	J	N	RC		40673	3N201		
40601	J	N	RC		MFE130	MFE132		
40601	J	N	RC		3N202			
40602	J	N	RC		MFE130	MFE132		
40602	J	N	RC		40603	40203		
40603	J	N	RC		MFE130	MFE132		
40603	J	N	RC		40602	3N201		
40604	J	N	RC		MFE130	MFE132		
40604	S	N	RC, SM		40603	3N202		
40608	S	N	RC, SM		2N5108			
40611	S	N	RC, SS, SM, St, SQ	BSX45-16	40616			
40612	G	P	RC, St	AUY211V	40623			
40613	S	N	RC, SM, St, NP, PP	(BD437)	40623 TIP29	2N6121		
40613	S	N	RC, SS, SM, St	BSX45-16	TIP31			
40616	S	N	RC, SS, SM, St	BD221	(BD437)	2N6121	TIP31	
40618	S	N	RC, SS, St, SQ	BD221	(BD437)	2N6122	TIP31	
40621	S	N	RC, SS, St, SQ, PP	BD221	(BD437)	2N6122	TIP31	
40622	S	N	RC, SS, St, NP, SQ	BD221	(BD437)	2N6122	TIP31	
40623	G	P	RC, St	AUY211V	40628			
40624	S	N	RC, SS, St, SQ, PP	(BD437)	2N6129	2N5629		
40624	S	N	RC, SS, St, SQ, PP	(BD437)	2N6122	TIP41		
40625	S	N	RC, SS, St		40628			
40626	G	P	RC, St	AUY221V	40051			
40627	S	N	RC, SS, SQ, PP	(BD439)	2N6130	2N6122		
40627	S	N	RC, SS		TIP41A			
40628	S	N	RC, SS		40625			
40629	S	N	RC, SS, SQ, PP	(BD437)	2N6122	2N6121		
40629	S	N	RC, SS, SQ, PP	(BD437)	TIP31			
40630	S	N	RC, SS, NP, SQ, PP	(BC437)	2N6122	TIP31		
40631	S	N	RC, SS, NP, PP, SQ	(BD437)	2N6122	2N6121		
40631	S	N	RC, SS, NP, PP, SQ	(BD437)	TIP31			
40632	S	N	RC, SS, NP, PP, SQ	(BD439)	2N6131	2N6121		
40632	S	N	RC, SS, NP, PP, SQ	(BD439)	TIP41A			
40633	S	N	RC, St, KE, PP		(2N3055) TIP33A	40543		
40633	S	N	RC, St, KE, PP		(2N3055) TIP33A	40543		
40634	S	P	RC, SS, SM, St, SQ	BSV17-10	2N4314	2N4036		
40635	S	N	RC, SS, SM, St, SQ	BSX45-16	2N3053		40635	
40636	S	N	AT, RC, SS, St, PP		2N5630	2N3055	40634	
40636	S	N	RC, SM, SQ	BC107A	4063	2N5878		
40637	J	N	RC		3N159			
40673	J	N	RC		MFE131	3N201		
40819	J	N	RC		MFE131			
40820	J	N	RC		MFE131			
40821	J	N	RC		MFE131			
40822	J	N	RC		MFE131			
40823	J	N	RC		MFE131			
40840	S	N	RC		TIP62			
40850	S	N	RC, SZ, St	(BUY78)	FT401	TIP48		

TYPE	M/S	POL	MANUFACTURER	EUROPEAN	AMERICAN	JAPANESE	COMPL	USE
40851	S	N	RC, SZ, St	(BUY79)	2N6251	TIP49		
40852	S	N	RC, SZ, St	BUY76	2N6251	TIP53		
40853	S	N	RC, SZ, St	BUY75	FT430	TIP53		
40854	S	N	RC, SZ, St	(BUY75)				
40871	S	N	RC, PP					40872
40872	S	P	RC, PP		TIP32C			40871
40873	S	N	RC, PP					40874
40874	S	P	RC, PP		TIP32B			40873
40875	S	N	RC, PP					40876
40876	S	P	RC, PP		TIP32A			40875
40884	S	N	RC		TIP41A			
40885	S	N	RC		FT47			
40886	S	N	RC		FT48			
40887	S	N	RC		FT49			
40894	S	N	RC, SM	(8FW30)				
40895	S	N	RC, SM	(8FW30)				
40896	S	N	RC, SM	(8FW30)				
40897	S	N	RC, SM	(8FW30)				
40910	S	N	RC		2N4231	(2N3054)		
40911	S	N	RC	(BDX25-6)	2N5233			
40912	S	N	RC	(BDX25-6)				
40915	S	N	RC, SM	(BFY90)				
41500	S	N	RC		TIP31			41501
41501	S	P	RC		TIP32			41500
41502	S	N	RC		2N4237			41503
41503	S	P	RC					41502
41504	S	N	RC	BD224	2N4234			
41505	S	N	RC		FT47			
41506	S	N	RC		2N5838			
43104	S	N	RC		2N5631			
45190	S	N	RC	(8D437)				45193
45191	S	N	RC	(8D439)				45194
45192	S	N	RC	(8D441)				45195
45193	S	N	RC	(8D438)				45190
45194	S	P	RC	(8D440)				45191
45195	S	P	RC	(8D442)				45192
814044A	G	P		AC128	2N2431			
815020	G	P		AF185				
815021	G	P		AF185				
815023	G	P		AC128	2N2431			
815024	G	P		AC128	2N2431			
815025	G	P		AF185				
815025A	G	P		AF185				
815027	G	P		AF185				
815028	G	P		AF185				
815029	G	P		AC128	2N2431			
815030	G	P		AC128	2N2431			
815031	G	P		AC128	2N2431			
815034	G	P		AC128	2N2431			
815036	G	P		AF185				
815037	G	P		AF185				
815038	G	P		AC128	2N2431			
815041	G	P		AF185				
815043	G	P		AF185				
815068	G	P		AC128	2N2431			
815070A	G	P		AC128	2N2431			
815075	G	N		AC127	2N2430			
815076	G	N		AC127	2N2430			
815103	G	P		AF185	2N2431			
815104	G	P		AC128				
815106	G	P		AF185				
825086	G	P		AF186				

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