

全世界舊型二極體資料手冊

DATA

DATA

DATA

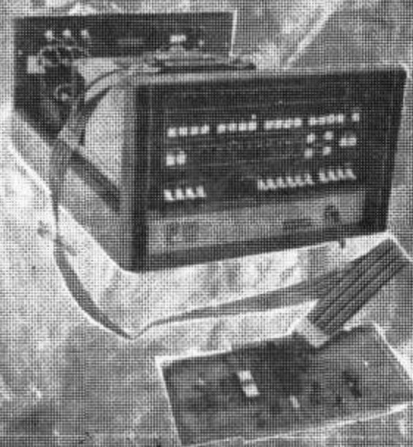
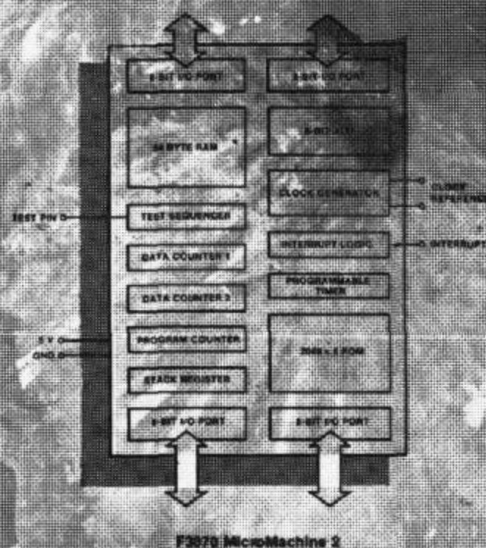


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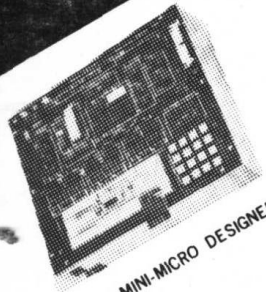
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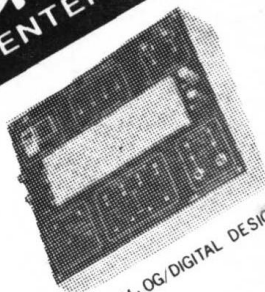
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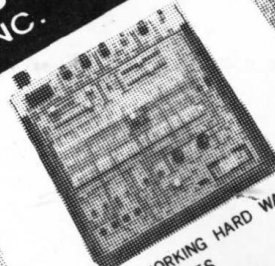
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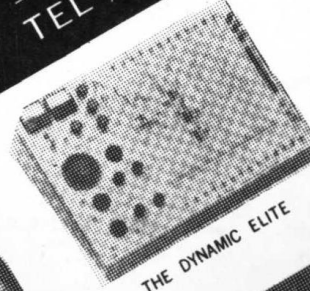
MINI-MICRO DESIGNER



ANALOG/DIGITAL DESIGNERS



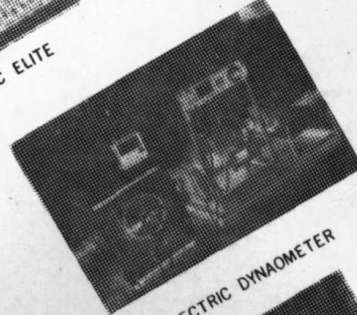
TO WORKING HARD WARE
IN MINUTES



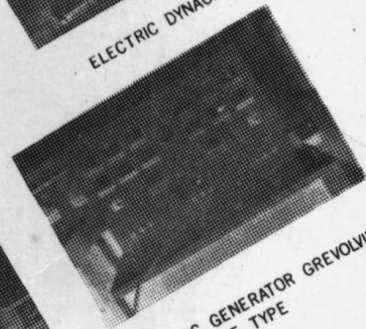
THE DYNAMIC ELITE



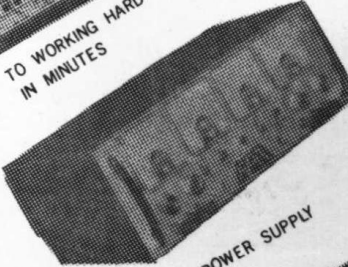
TECHNOLGY EDUCATION SYSTEMS



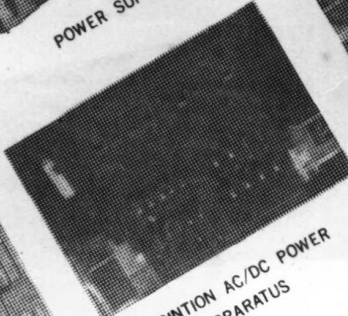
ELECTRIC DYNAOMETER



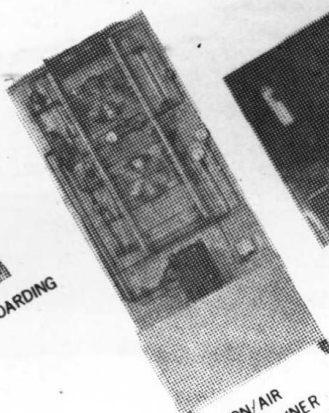
3 ϕ AC GENERATOR GREVOLVING
ARMATURE TYPE



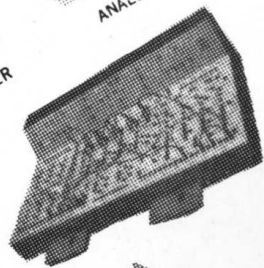
POWER SUPPLY



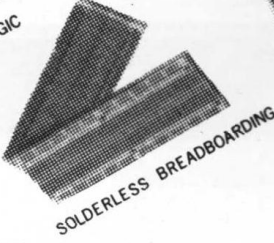
COMBINATION AC/DC POWER
SUPPLY APPARATUS



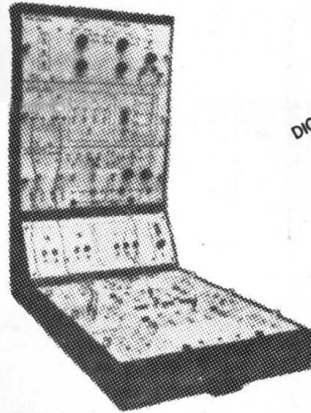
REFRIGERATION/AIR
CONDITIONING TRAINER



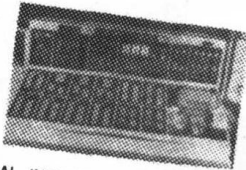
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SOLDERLESS BREADBOARDING



COM-LINE COMMUNICATION



UNIVERSAL INDUSTRIAL AUTOMATIC

AM COMMUNICATION CIRCVITS. FM COMMUNICATION CIRCVITS.
SSB COMMUNICATION CIRCVITS. RF POWER TRANSMITTING.
DIGITAL ANALOG CONVERSION CIRCVITS. ANALOG DIGITAL
CONVERSION CIRCVITS. PHASE-LOCK LOOP CIRCVITS.
TIME DIVISION MULTIPLEING (PART ONE)
PCM. TIME DIVISION MULTIPLEING
(PART TWO) DELTA MODULATION.
TELEMENTING & REMOTE
CONTROL CIRCVITS.
RF INTEGRATED
CIRCVITS.

SYMBOLS & CODES EXPLAINED

ALL VALUES ARE TYPICAL AND @ 25°C UNLESS OTHERWISE INDICATED BY COLUMN HEADINGS OR SYMBOLS.

FOLLOWING TYPE NO. & IN TYPE NO. CROSS-INDEX

Δ } Used when two or more manufacturers assign the same type number to different devices.
 ∇ }
 $\#$ }
 $\%$ }

— RT..... Indicates replacement type; consult manufacturer.

#1, #2, Used when there is more than one electrical function or package for the same type number.

• SYMBOLS & CODES COMMON TO MORE THAN ONE SECTION

FOLLOWING LINE NO.

- ▼ — New Type
- ◆ — Revised Specifications
- # — Non-JEDEC type manufactured outside U.S.A.

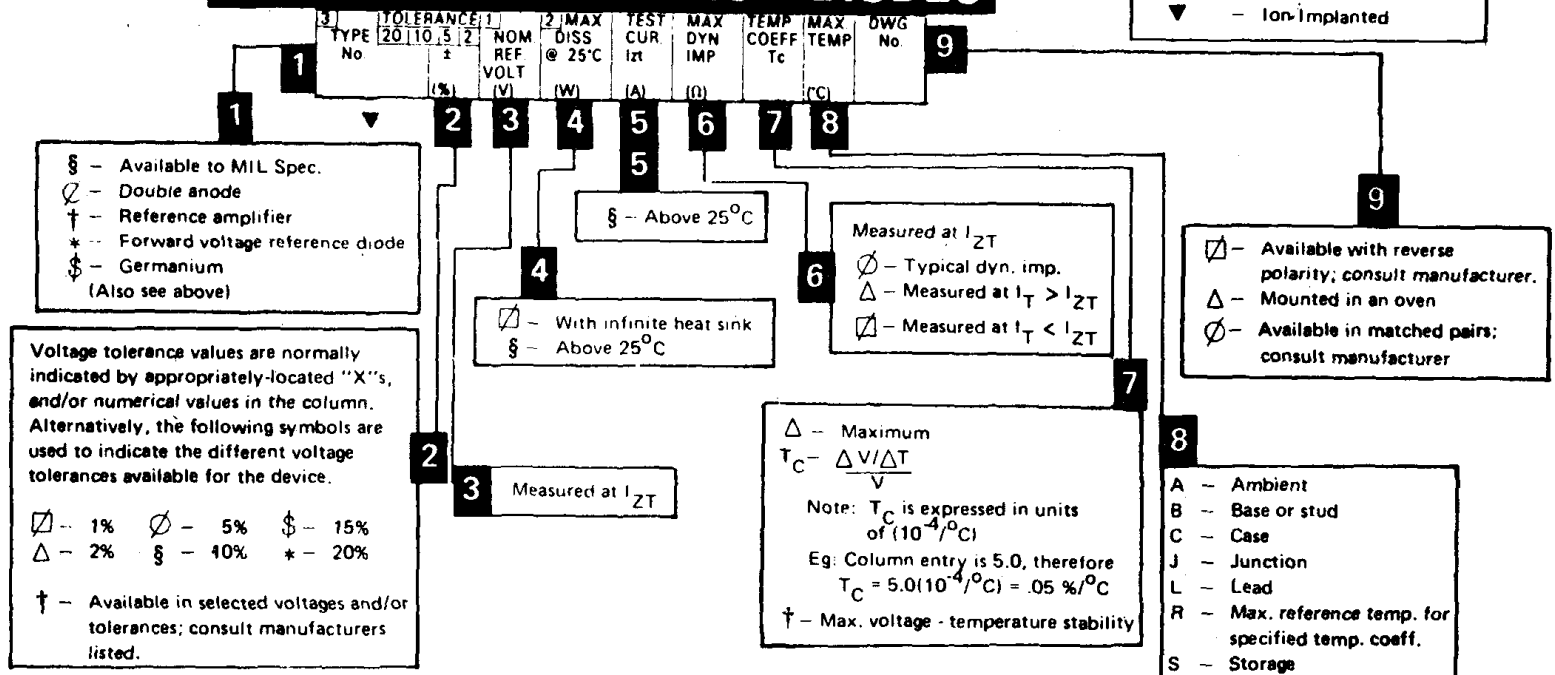
UNDER DESCRIPTION

UNDER MATERIAL (and Process)

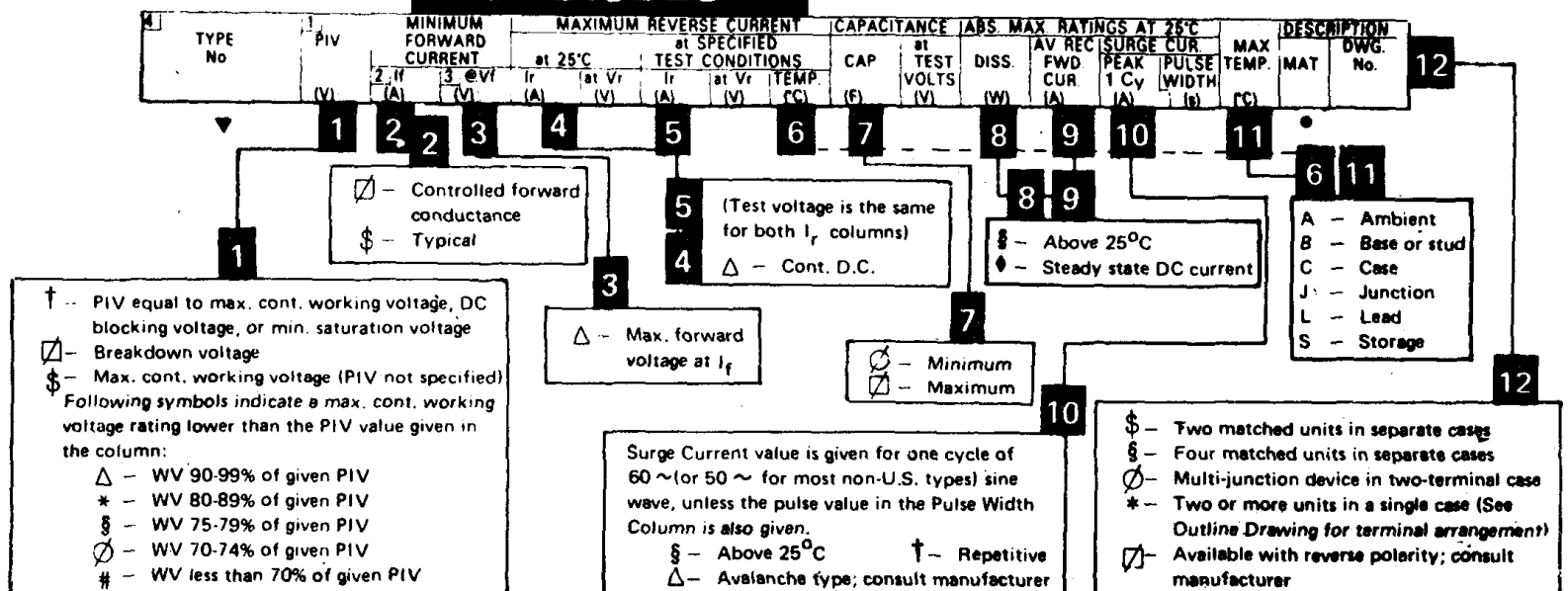
- GA — Gallium Arsenide
- Ge — Germanium
- GP — Gallium Phosphide
- GS — Gallium Antimonide

- Se — Selenium
- SG — Germanium Silicon
- Si — Silicon
- * — Alloyed
- Δ — Diffused
- ∇ — Gold Bonded
- $\dagger$ — Indium Bonded
- ∇ — Point Contact
- # — Planar
- \$ — Mesa
- $\%$ — Epitaxial
- $\%$ — Metal-Silicon
- ◆ — Schottky Barrier
- ▼ — Ion-implanted

2. SILICON REFERENCE DIODES



3. DIODES



• SEE SYMBOLS AND CODES COMMON TO MORE THAN ONE SECTION

▼ SEE TYPE NO. SYMBOLS & CODES AT TOP OF PAGE

SYMBOLS & CODES EXPLAINED

ALL VALUES ARE TYPICAL AND @ 25°C UNLESS OTHERWISE INDICATED BY COLUMN HEADINGS OR SYMBOLS.
FOLLOWING TYPE NO. & IN TYPE NO. CROSS-INDEX

△
□

%
Used when two or more manufacturers assign the same type number to different devices.

- RT..... Indicates replacement type; consult manufacturer.

#1, #2, Used when there is more than one electrical function or package for the same type number.

• SYMBOLS & CODES COMMON TO MORE THAN ONE SECTION

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- GA - Gallium Arsenide
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- ⊙ - Gold Bonded
- ⊕ - Indium Bonded
- ⊗ - Point Contact
- # - Planar
- \$ - Mesa
- % - Epitaxial
- ◇ - Metal-Silicon
- ◇ - Schottky Barrier
- ▼ - Ion Implanted

4. SWITCHING DIODES

TYPE No	PIV (V)	Trr (s)	RECOVERY TIME TEST CONDITIONS					C (nF)	di/dt (A/us)	MIN. CURRENT at 25°C		MAX. REVERSE CURRENT at 25°C		TEMP. TEST (°C)	VOLT V _r (V)	CAP. at ZERO VOLTS (pF)	ABSOLUTE MAX. RATING		DESCRIPTION	DWG. No.
			I _F (A)	V _r (V)	Z _r (Ω)	I _r (A)	R _L (Ω)			I _F (A)	at V _i (V)	I _r (A)	at V _r (V)				AVG FWD I (A)	MAX. TEMP (°C)		
1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

- † - PIV equal to max. cont. working voltage, DC blocking voltage, or min. saturation voltage
- ⊙ - Breakdown voltage
- \$ - Max. cont. working voltage (PIV not specified)
- Following symbols indicate a max. cont. working voltage rating lower than the PIV value given in the column:
- △ - WV 90-99% of given PIV
 - * - WV 80-89% of given PIV
 - \$ - WV 75-79% of given PIV
 - ⊙ - WV 70-74% of given PIV
 - # - WV less than 70% of given PIV

- * - Transition (snap recovery) time
- \$ - Forward recovery time
- ⊙ - Storage time
- # - Stored charge (coulombs)
- \$ - Carrier life time
- † - t_{RR} measured by the time interval between the points at which I_F and I_R cross the axis
- ⊙ - Maximum
- △ - Recovery time measured at elevated temperature
- ▼ - Minimum

(Symbol indicates data in this column are either I_R or I_{RR} as qualified)

- † - t_{rr} measured when rectifier recovers to 0.10 A (IRM)
- △ - I_{RR} when I_R = - I_F
- ⊙ - I_{RR} when I_R not given (Note: I_{RR} is the reverse recovery current to which t_{RR} is measured)
- ⊙ - t_{rr} measured when rectifier recovers to 0.50 A (IRM)
- \$ - t_{rr} measured when rectifier recovers to 0.25 A (IRM)
- # - IRM (REC)

(Test voltage is the same for both I_R Columns)

⊙ - One cycle average

△ - Cont. D.C.

- ⊙ - At elevated temperature
- △ - Max. forward voltage at I_F

- \$ - Typical
- ⊙ - Controlled Forward Conductance

- ⊙ - Maximum
- ▼ - Minimum
- % - Abrupt Recovery (to irr=0)
- ◆ - Soft Recovery (to irr > 0)
- # - Abrupt or Soft Recovery

- ⊙ - Mod. IBM "Y"
- △ - MIL STD 750, para. 4031
- Method A for t_{RR} ≤ 300nsec
- Method B for t_{RR} > 300nsec
- ⊙ - Tektronix
- \$ - EGG
- † - Mod. JEDEC
- * - Lumatron

- \$ - Two matched units in separate cases
- \$ - Four matched units in separate cases
- ⊙ - Multi-junction device in two-terminal case
- * - Two or more units in a single case (See Outline Drawing for terminal arrangement)
- ⊙ - Available with reverse polarity; consult manufacturer.
- △ - Step Recovery Diode
- † - Single phase bridge

• SEE SYMBOLS AND CODES COMMON TO MORE THAN ONE SECTION

▼ SEE TYPE NO. SYMBOLS & CODES AT TOP OF PAGE ii



SYMBOLS & CODES EXPLAINED

ALL VALUES ARE TYPICAL AND @ 25°C UNLESS OTHERWISE INDICATED BY COLUMN HEADINGS OR SYMBOLS.

5. RECTIFIERS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
TYPE No.	PIV (V)	MAX AVG FWD DC CURRENT (A)	MAX RATING SURGE CUR (A)	MAX RATING PULSE CUR (A)	MAX RATING PULSE WIDTH (s)	DISS (W)	MAX TEMP (°C)	MAXIMUM FORWARD VOLTAGE DROP (V)	MAX REVERSE CURRENT (A)	MAX REVERSE CURRENT (A)	MAX REVERSE CURRENT (A)	TEMP TEST (°C)	AVAILABILITY	DESCRIPTION	DWG. No.

⊕ - Also listed in Section 12 under Radiation Resistant Device (Use 9) (Also see above)

† - PIV equal to max. cont. working voltage, DC blocking voltage or min. saturation voltage
 ⊕ - Breakdown voltage
 \$ - Max. cont. working voltage (PIV not specified)
 % - Max. non-repetitive peak transient reverse voltage
 Following symbols indicate a max. cont. working voltage rating lower than the PIV value given in the column:
 Δ - WV 90-99% of given PIV
 + - WV 80-89% of given PIV
 § - WV 75-79% of given PIV
 ⊕ - WV 70-74% of given PIV
 # - WV less than 70% of given PIV

(Rating for resistive load unless otherwise indicated)
 ⊕ - Capacitance Load

(Value given indicates temp. at which derating starts, unless otherwise indicated)
 \$ - Temperature at which derating starts is not specified

Surge current value is given for one cycle of 60 for 50~ for most non-U.S. types) sine wave, unless a pulse value in Pulse Width Column is also given
 § - Above 25°C † - Repetitive

(Listed under pulsed conditions) (Test voltage is the same for both I_r Columns)

⊕ - One cycle average
 ⊕ - One cycle average at average I_r
 † - For total bridge
 Δ - Cont. D.C.
 § - Consult manufacturer for V_r
 † - For total bridge

⊕ - Min. forward current
 † - At I₀

⊕ - One cycle average
 Δ - Cont. D.C.
 § - Typical
 † - Pulsed

† - Max. temp. is not the zero current point for derating; consult manufacturer.
 A - Ambient J - Junction
 B - Base or Stud L - Lead
 C - Case S - Storage

⊕ - Maximum reverse power dissipation
 ⊕ - With infinite heat sink
 % - Per leg of bridge

(These columns applicable only for devices with controlled avalanche ratings)
 Δ - Typical
 ⊕ - Minimum (applies to Max. V. BKDN. only)

A - Ambient J - Junction
 B - Base or stud L - Lead
 C - Case S - Storage

\$ - Two matched units in separate cases
 § - Four matched units in separate cases
 ⊕ - Multi-junction device in two-terminal case
 * - Two or more units in a single case (See Outline Drawing for terminal arrangement)
 Δ - Convection cooled
 † - Liquid cooled
 # - Forced air cooled
 ⊕ - Available with reverse polarity; consult manufacturer
 ⊕ - Ratings measured with infinite heat sink
 % - Available with Heat Sink

8. MICROWAVE MIXER DIODES

1 TYPE No.	2 BAND	3 TEST FREQ (Hz)	4 FREQUENCY RANGE MIN - MAX (Hz)	5 NOISE		6 TEST COND FOR			8 MAX. CONV. LOSS (dB)	9 MAX. VSWR	10 IF IMPEDANCE RANGE MIN - MAX (Ω)	11 ABSOLUTE MAX RATING BURN-OUT TEMP (°C)	12 DESCRIPTION	13 MAT.	14 DWG. No.
				MAX RATIO NR times	MAX REC. NF (dB)	P _{in} (W)	R _L (Ω)	Z _m (Ω)							

⊕ - I.F. Amplifier

⊕ - Typical

§ - mW
 § - Peak pulse power (watts)

A - Ambient
 B - Base or stud
 C - Case
 J - Junction
 L - Lead
 S - Storage

⊕ - Available with reverse polarity (R); Available in matched forward pair (M); Available in matched forward and reverse pair (MR) (Appropriate letter code can be added to type number; e.g., 1N3000B, 1N3000RB; 1N21WE, 1N21WEM, 1N21WEMR)
 § - Reverse polarity cartridge
 Δ - Tripolar construction
 ⊕ - Coaxial cartridge

9. MICROWAVE VIDEO DETECTOR DIODES

1	TYPE No	BAND	TEST FREQ (Hz)	FREQUENCY RANGE MIN - MAX (Hz)	MIN FIG OF MERIT		MIN OUTPY		TANG SENS dBm	VIDEO IMPEDANCE		ABSOLUTE MAX RATING BURN- OUT TEMP (°C)	DESCRIPTION	
					FIGURE OF MERIT	at PWR LVL (W)	at R (Ω)	Vo (V)		at PWR LVL dBm	RANGE MIN - MAX (Ω)		at MAX. VOLT. (V)	MAT

† - Available with higher test-frequency limits

⊕ - Typical

⊕ - Ergs

A - Ambient
 B - Base or stud
 C - Case
 J - Junction
 L - Lead
 S - Storage

⊕ - Available with reverse polarity (R); Available in matched forward pair (M); Available in matched forward and reverse pair (MR) (Appropriate letter code can be added to type number; e.g., 1N3000B, 1N3000RB; 1N21WE, 1N21WEM, 1N21WEMR)
 § - Reversible polarity cartridge
 Δ - Tripolar construction
 ⊕ - Coaxial cartridge
 † - Available in different package configuration - consult manufacturer

• SEE SYMBOLS AND CODES COMMON TO MORE THAN ONE SECTION

▼ SEE TYPE NO. SYMBOLS & CODES AT TOP OF PAGE ii

SYMBOLS & CODES EXPLAINED

ALL VALUES ARE TYPICAL AND @ 25°C UNLESS OTHERWISE INDICATED BY COLUMN HEADINGS OR SYMBOLS.

10. VOLTAGE VARIABLE CAPACITORS & VARACTOR DIODES

TYPE No.	MINIMUM CUTOFF FREQUENCY (Corresponding to Type Numbers in previous column)	TYP. CAP. C _j (pF)	CAPACITANCE RANGE (for V = 0 to PIV) ∅ - at TEST VOLT.	PIV (V)	Q FACTOR MIN. D	MAX. SER. RES. R _s (Ω)	MAX. DISS. @ 25°C (W)	DESCRIPTION MAT. DWG. No.
1	1	2	3	4	5	6	7	8

∅ - Typical
Applies to all values even though symbol appears only once.

∅ - Minimum ∇ - Maximum
† - Total Cap.
C_T (Total Capacitance) = C_j (Junction) + C_c (Case)
Δ - Available in closer tolerances; consult manufacturer
% - Type number suffixes indicate capacitance tolerances:
No. Suffix - +20% "B" - +5%
"A" - +10% "C" - +2%
"D" - +1%

∅ - At test voltage
† - Center value may be specified within indicated range at test voltage
§ - Change in capacitance (end points not specified) over the voltage range 0 to PIV
\$ - Capacitance ratio over indicated voltage range
% - Percent capacitance tolerance at test voltage

∅ - Typical
∇ - To determine Q: divide f_{co} by test frequency
f_m where f_{co} = $\frac{1}{2\pi R_s C_j}$

∇ - Above 25°C
∇ - With infinite heat sink

Δ - Available in matched pairs; consult manufacturer

† - PIV equal to max. cont. working voltage, DC blocking voltage, or min. saturation voltage
∇ - Breakdown voltage
\$ - Max. cont. working voltage (PIV not specified)
∅ - Available at lower voltages
Following symbols indicate a max. cont. working voltage rating lower than the PIV value given in the column:
Δ - WV 90-99% of given PIV
∇ - WV 80-89% of given PIV
§ - WV 75-79% of given PIV
∅ - WV 70-74% of given PIV
- WV less than 70% of given PIV

• SEE SYMBOLS AND CODES COMMON TO ALL TECHNICAL SECTIONS

11. TUNNEL DIODES

TYPE No.	PEAK CUR. I _p (mA)	MAX. TOTAL CAP. (pF)	MIN. I _p /I _v	V _p (V)	V _v (V)	RESISTIVE V _T (V)	CUTOFF FREQ. (MHz)	SER. RES. R _s (Ω)	SER. RES. R _s (Ω)	NEG. RES. R _n (Ω)	NOISE VOLT. (V)	ABSOLUTE MAX. RATING FWD CUR. @ 25°C (mA)	DISS. RES. (W)	TEMP. RES. (°C/mW/°C)	MAX. TEMP. (°C)	DESCRIPTION MAT. DWG. No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

Δ - Typical
∅ - C_j

Δ - Maximum

§ - Measured at I_p MAX (instead of I_p)
Δ - Maximum

∅ - Minimum
Δ - Maximum

∅ - Minimum
Δ - Maximum

∇ - With infinite heat sink
∇ - Above 25°C

∇ - Maximum
§ - Noise constant (instead of noise voltage)

A - Ambient
S - Base or stud
C - Case
J - Junction
L - Lead
S - Storage

* - Two or more units in a single case (See Outline Drawing for terminal arrangement)
† - Available in different package configuration - consult manufacturer.

12. MISCELLANEOUS DIODES

TYPE No.	DESCRIPTION	MAT.	DWG. No.	TECHNICAL DATA
1	2	3	4	5

∇ - Available with reverse polarity; consult manufacturer
Δ - Available in matched pairs; consult manufacturer

1 - UHF Mixer
2 - Photodiode (Si & Ge Devices)
3 - Photoconductor Cell
4 - Solar Cell
5 - Backward Diode
6 - Varistor
7 - R-F and Microwave Switch
8 - UHF Detector
9 - Radiation Resistant Devices
10 - Schottky-Barrier Diodes
11 - Current Limiter and Regulator
12 - Contact Print
13 - Voltage Transient Suppressors
14 - Oscillator Diodes
15 - Step Recovery Diodes
16 - Light-Emitting Diodes
17 - Photo-Controlled Devices
18 - Random/White Noise Diode
19 - Multipliers and Harmonic Generators
20 - Matched Configurations
21 - Log. Conversion Diodes
22 - Radiation Detectors
50 - Miscellaneous

IN ADDITION TO THOSE COMMON TO ALL
CdSe - Cadmium Selenide
CE - Cadmium Selenide & Cadmium Sulfide
CS - Cadmium Sulfide
GAP - Gallium Arsenide Phosphide
InAs - Indium Arsenide
InSb - Indium Antimonide
PbS - Lead Sulfide
SC - Silicon Carbide
Se - Selenium
ZnS - Zinc Sulfide

• SEE SYMBOLS AND CODES COMMON TO MORE THAN ONE SEC

▼ SEE TYPE NO. SYMBOLS & CODES AT TOP OF PAGE II

全世界舊型二極體資料手冊

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3. 二極體 97-103

4. 交換二極體 (包括快速復原整流器) 104-116

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6. (保留)

7. (保留)

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製造廠商之代號，名稱及地址 246-248

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1. TYPE No. CROSS INDEX

				IN TYPE NUMBER SEQUENCE			
TYPE No.	MFRS Pg&Line	TYPE No.	MFRS Pg&Line	TYPE No.	MFRS Pg&Line	TYPE No.	MFRS Pg&Line
1/4A6.8.A.B	ASC 56-175	25N22	NAE 73-7	1/229.1T5	TEC 61-113	72110C	PWC 90-29
1/4A7.5.A.B	ASC 58-32	25N24	NAE 74-11	1/2210T5	TEC 62-168	72120.A.B.D	PWC 90-132
1/4A8.2.A.B	ASC 59-37	25N25	NAE 74-160	1/2211T5	TEC 64-19	72120C	PWC 90-133
1/4A9.1.A.B	ASC 61-87	25N27	NAE 75-83	1/2212T5	TEC 65-55	72130.A.B.D	PWC 91-93
1/4A10.A.B	ASC 62-82	25N30	NAE 76-131	1/2213T5	TEC 66-83	72130C	PWC 91-94
1/4A11.A.B	ASC 63-120	25N33	NAE 77-119	1/2215T5	TEC 68-30	72140.A.B.D	PWC 92-39
1/4A12.A.B	ASC 64-163	25N36	NAE 78-121	1/2216T5	TEC 69-37	72140C	PWC 92-40
1/4A13.A.B	ASC 66-21	25N39	NAE 79-73	1/2218T5	TEC 70-138	72150.A.B.D	PWC 92-128
1/4A14.A.B	ASC 67-11	25N43	NAE 80-41	1/2220T5	TEC 72-75	72150C	PWC 92-129
1/4A15.A.B	ASC 67-125	25N45	NAE 80-161	1/2222T5	TEC 73-69	72160.A.B.D	PWC 93-96
1/4A16.A.B	ASC 68-151	25N47	NAE 81-35	1/2224T5	TEC 74-67	72160C	PWC 93-97
1/4A17.A.B	ASC 69-136	25N50	NAE 82-2	1/2227T5	TEC 75-136	72175.A.B.D	PWC 94-44
1/4A18.A.B	ASC 70-67	25N52	NAE 82-154	1/2230T5	TEC 77-15	72175C	PWC 94-45
1/4A19.A.B	ASC 71-87	25N56	NAE 83-44	1/2233T5	TEC 78-8	72180.A.B.D	PWC 94-122
1/4A20.A.B	ASC 72-10	25N62	NAE 84-51	1/2236T5	TEC 78-167	72180C	PWC 94-121
1/4A22.A.B	ASC 73-8	25N68	NAE 85-17	1/2239T5	TEC 79-117	72200.A.B.D	PWC 95-108
1/4A24.A.B	ASC 74-10	25N75	NAE 85-168	1/2243T5	TEC 80-83	72200C	PWC 95-109
1/4A25.A.B	ASC 74-159	25N81	NAE 86-131	1/2247T5	TEC 81-77	72220.A.B.D	PWC 96-6
1/4A27.A.B	ASC 75-82	25N92	NAE 87-156	1/2251T5	TEC 82-83	72220C	PWC 96-7
1/4A30.A.B	ASC 76-130	25N100	NAE 88-118	1/2256T5	TEC 83-84	72M6.8.A.B.D	PWC 97-71
1/4A33.A.B	ASC 77-118	25N105	NAE 89-70	1/2262T5	TEC 84-90	72M8.8C	PWC 97-72
1/4A36.A.B	ASC 78-120	25N110	NAE 89-132	1/2268T5	TEC 85-56	72M7.5.A.B.D	PWC 58-123
1/4A39.A.B	ASC 79-72	25N120	NAE 90-59	1/2275T5	TEC 86-32	72M7.5C	PWC 58-124
1/4A43.A.B	ASC 80-40	25N130	NAE 91-51	1/2282T5	TEC 87-10	72M8.2.A.B.D	PWC 59-155
1/4A45.A.B	ASC 80-160	25N140	NAE 91-152	1/2291T5	TEC 88-15	72M8.2C	PWC 59-156
1/4A47.A.B	ASC 81-34	25N150	NAE 92-85	1/22100T5	TEC 88-154	72M9.1.A.B.D	PWC 61-123
1/4A50.A.B	ASC 82-1	25N175	NAE 94-15	7E12	PWC 156-104	72M9.1C	PWC 61-124
1/4A52.A.B	ASC 82-153	25N200	NAE 95-66	7J12	PWC 156-105	72M10.A.B.D	PWC 63-11
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1/4A82.A.B	ASC 84-50			7JZ110	PWC 90-27	72M11.A.B.D	PWC 64-30
1/4A88.A.B	ASC 85-16	1/4Z7.5D.10.5	58-34	7JZ120	PWC 90-131	72M11C	PWC 64-31
1/4A75.A.B	ASC 85-167			7JZ130	PWC 91-92	72M12.A.B.D	PWC 65-71
1/4A82.A.B	ASC 86-130	1/4Z8.2D.10.5	59-69	7JZ140	PWC 92-38	72M12C	PWC 65-72
1/4A91.A.B	ASC 87-155			7JZ150	PWC 92-127	72M13.A.B.D	PWC 66-95
1/4A100.A.B	ASC 88-117	1/4Z9.1D.10.5	61-39	7JZ160	PWC 93-95	72M13C	PWC 66-96
1/4A105.A.B	ASC 89-69			7JZ175	PWC 94-43	72M14.A.B.D	PWC 67-63
1/4A110.A.B	ASC 89-131	1/4Z10D.10.5	62-84	7JZ180	PWC 94-120	72M14C	PWC 67-64
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1/4A150.A.B	ASC 92-84	1/4Z14D.10.5	67-13	726.8C	PWC 97-70	72M16C	PWC 69-50
1/4A175.A.B	ASC 94-14	1/4Z15D.10.5	67-127	727.5.A.B.D	PWC 58-121	72M17.A.B.D	PWC 70-25
1/4A200.A.B	ASC 95-65	1/4Z16D.10.5	68-153	727.5C	PWC 58-122	72M17C	PWC 70-26
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		1/4Z18D.10.5	70-69	728.2C	PWC 59-154	72M18C	PWC 70-153
1/4A22.4D.10.5	SIE 50-99	1/4Z19D.10.5	71-89	729.1.A.B.D	PWC 61-121	72M19.A.B.D	PWC 71-139
		1/4Z20D.10.5	72-12	729.1C	PWC 61-122	72M19C	PWC 71-140
1/4A22.7D.10.5	SIE 50-142	1/4Z22D.10.5	73-8	7210.A.B.D	PWC 63-9	72M20.A.B.D	PWC 72-87
		1/4Z24D.10.5	74-12	7210C	PWC 63-10	72M20C	PWC 72-88
1/4A23.0D.10.5	SIE 51-28	1/4Z25D.10.5	74-161	7211.A.B.D	PWC 64-28	72M22.A.B.D	PWC 73-83
		1/4Z27D.10.5	75-64	7211C	PWC 64-29	72M22C	PWC 73-84
1/4A23.3D.10.5	SIE 51-71	1/4Z30D.10.5	78-132	7212.A.B.D	PWC 65-69	72M24.A.B.D	PWC 74-81
		1/4Z33D.10.5	77-120	7212C	PWC 65-70	72M24G	PWC 74-82
1/4A23.6D.10.5	SIE 51-146	1/4Z36D.10.5	78-122	7213.A.B.D	PWC 66-93	72M25.A.B.D	PWC 75-39
		1/4Z39D.10.5	79-74	7213C	PWC 66-94	72M25C	PWC 75-40
1/4A23.9D.10.5	SIE 52-60	1/4Z43D.10.5	80-42	7214.A.B.D	PWC 67-61	72M27.A.B.D	PWC 75-150
		1/4Z45D.10.5	81-36	7214C	PWC 67-62	72M27C	PWC 75-151
1/4A24.3D.10.5	SIE 52-153	1/4Z47D.10.5	81-362	7215.A.B.D	PWC 68-42	72M30.A.B.D	PWC 77-27
		1/4Z50D.10.5	82-3	7216C	PWC 68-43	72M30C	PWC 77-28
1/4A24.7D.10.5	SIE 53-74	1/4Z52D.10.5	82-4	7216.A.B.D	PWC 69-47	72M33.A.B.D	PWC 78-21
		1/4Z55D.10.5	82-155	7216C	PWC 69-48	72M33C	PWC 78-22
1/4A25.1D.10.5	SIE 54-2	1/4Z58D.10.5	83-45	7217.A.B.D	PWC 70-23	72M36.A.B.D	PWC 78-177
		1/4Z62D.10.5	84-52	7217C	PWC 70-24	72M36C	PWC 79-1
1/4A25.8D.10.5	SIE 54-110	1/4Z68D.10.5	85-18	7218.A.B.D	PWC 70-150	72M39.A.B.D	PWC 79-128
		1/4Z75D.10.5	85-169	7218C	PWC 70-151	72M39C	PWC 79-129
1/4A26.2D.10.5	SIE 55-108	1/4Z82D.10.5	86-132	7219.A.B.D	PWC 71-137	72M43.A.B.D	PWC 80-93
		1/4Z9D.10.5	87-157	7219C	PWC 71-138	72M43C	PWC 80-94
1/4A26.8D.10.5	SIE 56-176	1/4Z100D.10.5	88-119	7220.A.B.D	PWC 72-85	72M45.A.B.D	PWC 80-167
				7220C	PWC 72-86	72M45C	PWC 80-168
1/4L22.2D.10.5	SIE 50-86	1/4Z105D.10.5	89-71	7222.A.B.D	PWC 73-81	72M47.A.B.D	PWC 81-88
				7222C	PWC 73-82	72M47C	PWC 81-89
1/4L22.4D.10.5	SIE 50-100	1/4Z110D.10.5	89-133	7224.A.B.D	PWC 74-79	72M50.A.B.D	PWC 82-8
				7224C	PWC 74-80	72M50C	PWC 82-9
1/4L22.7D.10.5	SIE 50-143	1/4Z120D.10.5	90-90	7225.A.B.D	PWC 75-37	72M51.A.B.D	PWC 82-93
				7225C	PWC 75-38	72M51C	PWC 82-94
1/4L23.0D.10.5	SIE 51-29	1/4Z130D.10.5	91-52	7227.A.B.D	PWC 75-148	72M52.A.B.D	PWC 82-160
				7227C	PWC 75-149	72M52C	PWC 82-161
1/4L23.3D.10.5	SIE 51-72	1/4Z140D.10.5	91-153	7230.A.B.D	PWC 77-25	72M56.A.B.D	PWC 83-95
				7230C	PWC 77-26	72M56C	PWC 83-96
1/4L23.6D.10.5	SIE 51-147	1/4Z150D.10.5	92-86	7233.A.B.D	PWC 78-19	72M62.A.B.D	PWC 84-99
				7233C	PWC 78-20	72M62C	PWC 84-100
1/4L23.9D.10.5	SIE 52-61	1/4Z160D.10.5	93-55	7236.A.B.D	PWC 78-175	72M68.A.B.D	PWC 85-66
				7236C	PWC 78-176	72M68C	PWC 85-67
1/4L24.3D.10.5	SIE 52-154	1/4Z175D.10.5	94-16	7239.A.B.D	PWC 79-126	72M75.A.B.D	PWC 86-41
				7239C	PWC 79-127	72M75C	PWC 86-42
1/4L24.7D.10.5	SIE 53-75	1/4Z180D.10.5	94-79	7243.A.B.D	PWC 80-91	72M82.A.B.D	PWC 87-20
				7243C	PWC 80-92	72M82C	PWC 87-21
1/4L25.1D.10.5	SIE 54-3	1/4Z200D.10.5	95-67	7245.A.B.D	PWC 80-165	72M91.A.B.D	PWC 88-24
				7245C	PWC 80-166	72M91C	PWC 88-25
1/4L25.8D.10.5	SIE 54-111	4M.84FR10/1N816	50-18	7247.A.B.D	PWC 81-86	72M100.A.B.D	PWC 88-184
				7247C	PWC 81-87	72M100C	PWC 88-185
1/4L26.2D.10.5	SIE 55-109	4Z14D.10.5	67-17	7250.A.B.D	PWC 82-6	72M105.A.B.D	PWC 89-101
		4Z17D.10.5	69-139	7250C	PWC 82-7	72M105C	PWC 89-102
1/4L26.8D.10.5	SIE 56-177	4Z19D.10.5	71-92	7251.A.B.D	PWC 82-91	72M110.A.B.D	PWC 90-30
		4Z25D.10.5	74-162	7251C	PWC 82-92	72M110C	PWC 90-31
1/4M512.10.5	MOTA 82-43	4Z45D.10.5	80-163	7252.A.B.D	PWC 82-158	72M120.A.B.D	PWC 90-134
1/4M180Z.10.5	MOTA 93-54	4Z50D.10.5	82-4	7252C	PWC 82-159	72M120C	PWC 90-135
1/4M180Z.10.5	MOTA 94-78	4Z52D.10.5	82-158	7256.A.B.D	PWC 83-93	72M130.A.B.D	PWC 91-95
		4Z105D.10.5	89-72	7256C	PWC 83-94	72M130C	PWC 91-96
25N6.5	NAE 56-178	4Z140D.10.5	91-154	7262.A.B.D	PWC 84-97	72M140.A.B.D	PWC 92-41
25N7.5	NAE 58-33	4Z175D.10.5	94-17	7262C	PWC 85-64	72M140C	PWC 92-42
25N8.2	NAE 59-38	5E12	156-90	7268.A.B.D	PWC 85-65	72M150.A.B.D	PWC 92-131
25N9.1	NAE 61-38	5J12	156-91	7268C	PWC 85-66	72M150C	PWC 92-132
25N10	NAE 62-83	1/223.3T5	50-107	7275.A.B.D	PWC 86-39	72M160.A.B.D	PWC 93-98
25N11	NAE 63-121	1/223.6T5	52-11	7275C	PWC 86-40	72M160C	PWC 93-99
25N12	NAE 64-164	1/223.9T5	52-94	7282.A.B.D	PWC 87-18	72M175.A.B.D	PWC 94-46
25N13	NAE 66-22	1/224.3T5	53-13	7282C	PWC 87-19	72M175C	PWC 94-47
25N14	NAE 67-12	1/224.7T5	53-111	7291.A.B.D	PWC 88-22	72M180.A.B.D	PWC 94-123
25N15	NAE 67-126	1/225.1T5	54-40	7291C	PWC 88-23	72M180C	PWC 94-124
25N16	NAE 68-152	1/225.6T5	54-156	72100.A.B.D	PWC 88-162	72M200.A.B.D	PWC 95-110
25N17	NAE 69-137	1/226.2T5	55-182	72100C	PWC 88-163	72M200C	PWC 95-111
25N18	NAE 70-68	1/226.8T5	57-55	72105.A.B.D	PWC 89-99	72M220.A.B.D	PWC 96-8
25N19	NAE 71-88	1/227.5T5	58-114	72105C	PWC 89-100	72M220C	PWC 96-9
25N20	NAE 72-11	1/228.2T5	59-145	72110.A.B.D	PWC 90-28	3/4M14Z.10.5	MOTA 67-65

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1E4	PWC	137-41	1E28 2D	*SIE	80-2	1JUS 818A.B	PWC	50-15	1N158	EDL	132-73	1N1371R.RA	*CRL	85-124
1E5	PWC	137-98	1E28 2D10	*SIE	80-3	1JUS 850A.B	PWC	50-19	1N1372C.CA	GELC	100-2	1N1372R.RA	*CRL	86-90
1E6	PWC	141-33	1E28 2D5	*SIE	80-4	1JUS 730A.B	PWC	50-25	1N198N	*ALGG	123-26	1N1373C.CA	*SIE	86-91
1E6 8Z.10.5	CODI	57-77	1E28 2T10	*INRI	80-5	1JUS 762A.B	PWC	50-27	JAN1N249B.RB	GESY	128-84	1N1373R.RA	*CRL	87-76
1E7	PWC	145-34	1E29 1D	*SIE	61-131	1M3 3A23	*MOTA	51-119	RCA	WESY	128-84	1N1373C.CA	*SIE	87-77
1E7 5Z.10.5	CODI	58-131	1E29 1D10	*SIE	61-132	1M3 6A23	*MOTA	52-23	JAN1N250B.RB	GESY	128-84	1N1373R.RA	*CRL	87-77
1E8	PWC	147-81	1E29 1T10	*INRI	61-133	1M4 3A23	*MOTA	52-107	RCA	WESY	128-84	1N1374C.CA	*SIE	88-73
1E8 2Z.10.5	CODI	80-1	1E29 1T10	*SIE	61-134	1M4 7A23	*MOTA	53-26	1N258	IDC	187-2	1N1374R.RA	*CRL	88-74
1E9 1Z.10.5	CODI	61-130	1E29 1T10	*SIE	63-22	1M5 1A23	*MOTA	53-125	1N285	SEM	228-4	1N1375C.CA	*SIE	89-56
1E10Z.10.5	PWC	152-97	1E29 1T10	*SIE	63-23	1M5 6A23	*MOTA	54-53	1N286	*ALP	185-30	1N1563A	*CRL	89-56
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1E11Z.10.5	CODI	64-38	1E29 1T10	*SIE	63-25	1M6 8A23	*MOTA	56-3	1N456AM	SEN	99-50	1N1575	*CRL	125-71
1E12	PWC	157-8	1E29 1T10	*SIE	64-39	1M6 8Z.10.5	*MOTA	57-82	1N457AM	SEN	99-50	1N1577	*SIE	129-78
1E12Z.10.5	CODI	65-81	1E29 1T10	*SIE	64-40	1M8 8Z3	*MOTA	57-83	1N458AM	SEN	100-92	1N1578	*CRL	134-48
1E13Z.10.5	CODI	66-104	1E29 1T10	*INRI	64-41	1M7 5A23	*MOTA	57-84	1N461AM	SEN	97-101	1N1743	*SIE	138-14
1E14	PWC	159-92	1E29 1T10	*SIE	64-42	1M7 5Z.10.5	*MOTA	58-136	1N461AM	SEN	97-101	1N1803C.CA	*CRL	55-28
1E14Z.10.5	CODI	67-70	1E29 1T10	*SIE	65-82	1M7 5Z.10.5	*MOTA	58-137	1N462AM	SEN	99-60	1N1804C.CA	*SIE	56-39
1E15Z.10.5	CODI	68-54	1E29 1T10	*SIE	65-83	1M8 2Z.10.5	*MOTA	58-138	1N462AM	SEN	99-60	1N1805C.CA	*SIE	57-137
1E16	PWC	162-77	1E29 1T10	*INRI	65-84	1M8 2Z3	*MOTA	60-6	1N482AM	SEN	98-39	1N1806C.CA	*SIE	59-27
1E16Z.10.5	CODI	69-58	1E29 1T10	*SIE	65-85	1M9 1Z.10.5	*MOTA	60-7	1N482AM	SEN	98-40	1N1807C.CA	*SIE	60-58
1E17Z.10.5	CODI	70-32	1E29 1T10	*SIE	66-105	1M9 1Z.10.5	*MOTA	61-135	1N482AM	SEN	98-41	1N1808C.CA	*SIE	62-21
1E18	PWC	164-56	1E29 1T10	*SIE	66-106	1M9 1Z.10.5	*MOTA	61-136	1N483M	SEN	99-81	1N1809C.CA	*SIE	90-74
1E18Z.10.5	CODI	70-162	1E29 1T10	*SIE	66-107	1M9 1Z3	*MOTA	63-28	1N511	*ALP	242-78	1N1810C.CA	*SIE	91-33
1E19Z.10.5	CODI	71-146	1E29 1T10	*INRI	66-108	1M10 1Z.10.5	*MOTA	63-27	1N619M	SEN	97-80	1N1811C.CA	*SIE	91-138
1E20	PWC	166-63	1E29 1T10	*SIE	66-109	1M11 2Z3	*MOTA	64-43	1N630A	SEN	97-80	1N1812C.CA	*SIE	93-38
1E20Z.10.5	CODI	72-96	1E29 1T10	*SIE	66-110	1M12 1Z.10.5	*MOTA	64-44	1N645J	*ERI	101-83	1N1813C.CA	*SIE	93-138
1E22Z.10.5	CODI	73-92	1E29 1T10	*INRI	66-111	1M12 1Z3	*MOTA	65-86	1N659AM	SEN	108-17	1N1814C.CA	*SIE	95-26
1E24Z.10.5	CODI	74-90	1E29 1T10	*SIE	66-112	1M12 1Z3	*MOTA	65-87	1N659AM	SEN	108-18	1N1815C.CA	*SIE	95-154
1E25Z.10.5	CODI	75-44	1E29 1T10	*SIE	66-113	1M13 1Z.10.5	*MOTA	66-109	1N659AM	SEN	108-18	1N2008R.RA	*CRL	89-57
1E27Z.10.5	CODI	76-8	1E29 1T10	*SIE	66-114	1M14 1Z.10.5	*MOTA	66-110	1N794M	SEN	108-13	1N2009R.RA	*CRL	90-75
1E30Z.10.5	CODI	77-34	1E29 1T10	*INRI	66-115	1M15 2Z3	*MOTA	67-71	1N795M	SEN	108-24	1N2010R.RA	*CRL	91-34
1E33Z.10.5	CODI	78-28	1E29 1T10	*SIE	66-116	1M15 2Z3	*MOTA	68-60	1N796M	SEN	108-25	1N2011R.RA	*CRL	91-139
1E36Z.10.5	CODI	79-8	1E29 1T10	*SIE	66-117	1M16 1Z.10.5	*MOTA	68-60	1N832D	*ALP	183-38	1N2012R.RA	*CRL	93-39
1E39Z.10.5	CODI	79-135	1E29 1T10	*SIE	66-118	1M17 1Z.10.5	*MOTA	69-64	1N890M	SEN	99-77	1N2032-1	CODI	none
1E43Z.10.5	CODI	80-99	1E29 1T10	*INRI	66-119	1M18 1Z.10.5	*MOTA	69-64	1N891M	SEN	108-19	1N2032-1	SEN	none
1E45Z.10.5	CODI	81-1	1E29 1T10	*SIE	66-120	1M18 1Z3	*MOTA	70-33	1N918	*ALP	185-31	1N2032-1	SSI	none
1E47Z.10.5	CODI	81-95	1E29 1T10	*SIE	66-121	1M19 1Z.10.5	*MOTA	71-3	1N918	APD	185-31	1N2032-1	SEN	none
1E50Z.10.5	CODI	82-12	1E29 1T10	*SIE	66-122	1M19 1Z3	*MOTA	71-4	1N1157	EDL	118-91	1N2032-1	SSI	none
1E51Z.10.5	CODI	82-99	1E29 1T10	*INRI	66-123	1M20 1Z.10.5	*MOTA	71-147	1N1158	EDL	121-94	1N2032-1	SEN	none
1E52Z.10.5	CODI	83-2	1E29 1T10	*SIE	66-124	1M20 1Z3	*MOTA	72-101	1N1159	EDL	126-79	1N2032-1	SSI	none
1E56Z.10.5	CODI	83-102	1E29 1T10	*SIE	66-125	1M21 1Z.10.5	*MOTA	72-102	1N1160	EDL	130-71	1N2032-1	SEN	none
1E62Z.10.5	CODI	84-105	1E29 1T10	*SIE	66-126	1M22 1Z.10.5	*MOTA	73-97	1N1161	EDL	119-4	1N2032-1	SSI	none
1E68Z.10.5	CODI	85-73	1E29 1T10	*INRI	66-127	1M22 1Z3	*MOTA	73-98	1N1162	EDL	122-9	1N2032-1	SEN	none
1E75Z.10.5	CODI	86-47	1E29 1T10	*SIE	66-128	1M24 1Z.10.5	*MOTA	74-95	1N1163	EDL	127-1	1N2032-1	SSI	none
1E82Z.10.5	CODI	87-27	1E29 1T10	*SIE	66-129	1M24 1Z3	*MOTA	74-96	1N1164	EDL	130-102	1N2032-1	SEN	none
1E91Z.10.5	CODI	88-30	1E29 1T10	*SIE	66-130	1M25 1Z.10.5	*MOTA	75-45	1N1165	EDL	119-24	1N2032-1	SSI	none
1E100Z.10.5	CODI	89-2	1E29 1T10	*INRI	66-131	1M27 1Z.10.5	*MOTA	76-11	1N1166	EDL	122-48	1N2032-1	SEN	none
1E110Z.10.5	CODI	90-36	1E29 1T10	*SIE	66-132	1M30 1Z.10.5	*MOTA	76-12	1N1167	EDL	127-47	1N2032-1	SSI	none
1E120Z.10.5	CODI	90-140	1E29 1T10	*SIE	66-133	1M30 1Z3	*MOTA	77-39	1N1168	EDL	131-41	1N2032-1	SEN	none
1E130Z.10.5	CODI	91-101	1E29 1T10	*SIE	66-134	1M32 1Z.10.5	*MOTA	77-40	JAN1N1198A.RA	RCA	147-2	1N2032-1	SSI	none
1E150Z.10.5	CODI	92-136	1E29 1T10	*INRI	66-135	1M33 1Z.10.5	*MOTA	78-32	1N1329	ASC	161-35	1N2032-1	SEN	none
1E160Z.10.5	CODI	93-104	1E29 1T10	*SIE	66-136	1M36 1Z.10.5	*MOTA	78-33	1N1351C.CA	FRA	63-90	1N2032-1	SSI	none
1E180Z.10.5	CODI	94-129	1E29 1T10	*SIE	66-137	1M36 1Z3	*MOTA	79-9	1N1351R.RA	*SIE	63-91	1N2032-1	SEN	none
1E200Z.10.5	CODI	95-116	1E29 1T10	*SIE	66-138	1M39 1Z.10.5	*MOTA	79-139	1N1352C.CA	*CRL	64-96	1N2032-1	SSI	none
1E210A	RAYI	120-31	1E29 1T10	*INRI	66-139	1M39 1Z3	*MOTA	79-140	1N1352R.RA	*SIE	64-96	1N2032-1	SEN	none
1E220A	RAYI	124-106	1E29 1T10	*SIE	66-140	1M43 1Z.10.5	*MOTA	80-103	1N1353C.CA	*CRL	64-97	1N2032-1	SSI	none
1E230A	RAYI	129-38	1E29 1T10	*SIE	66-141	1M43 1Z3	*MOTA	80-104	1N1353R.RA	*SIE	65-151	1N2032-1	SEN	none
1E240A	RAYI	133-25	1E29 1T10	*SIE	66-142	1M47 1Z.10.5	*MOTA	81-99	1N1354C.CA	*CRL	65-152	1N2032-1	SSI	none
1E250A	RAYI	137-86	1E29 1T10	*SIE	66-143	1M47 1Z3	*MOTA	82-100	1N1354R.RA	*SIE	65-152	1N2032-1	SEN	none
1E260A	RAYI	141-11	1E29 1T10	*SIE	66-144	1M51 1Z.10.5	*MOTA	82-101	1N1354C.CA	*CRL	65-152	1N2032-1	SSI	none
1E270A	RAYI	145-31	1E29 1T10	*SIE	66-145	1M51 1Z3	*MOTA	82-102	1N1354R.RA	*SIE	65-152	1N2032-1	SEN	none
1E280A	RAYI	147-81	1E29 1T10	*SIE	66-146	1M56 1Z.10.5	*MOTA	83-106	1N1354C.CA	*CRL	65-152	1N2032-1	SSI	none
1E290A	RAYI	152-79	1E29 1T10	*SIE	66-147	1M56 1Z3	*MOTA	83-107	1N1354R.RA	*SIE	65-152	1N2032-1	SEN	none
1E300A	RAYI	156-109	1E29 1T10	*SIE	66-148	1M62 1Z.10.5	*MOTA	84-109	1N1354C.CA	*CRL	65-152	1N2032-1	SSI	none
1E310A	RAYI	121-35	1E29 1T10	*SIE	66-149	1M62 1Z3	*MOTA	84-110	1N1354R.RA	*SIE	65-152	1N2032-1	SEN	none
1E320A	RAYI	126-10	1E29 1T10	*SIE	66-150	1M68 1Z.10.5	*MOTA	85-77	1N1355C.CA	*CRL	65-152	1N2032-1	SSI	none
1E330A	RAYI	130-3	1E29 1T10	*SIE	66-151	1M68 1Z3	*MOTA	85-78	1N1355R.RA	*SIE	65-152	1N2032-1	SEN	none
1E340A	RAYI	134-49	1E29 1T10	*SIE	66-152	1M75 1Z.10.5	*MOTA	86-51	1N1356C.CA	*CRL	65-152	1N2032-1	SSI	none
1E350A	RAYI	138-48	1E29 1T10	*SIE	66-153	1M75 1Z3	*MOTA	86-52	1N1356R.RA	*SIE	65-152	1N2032-1	SEN	none
1E360A	RAYI	142-35	1E29 1T10	*SIE	66-154	1M82 1Z.10.5	*MOTA	87-31	1N1357C.CA	*CRL	65-152	1N2032-1	SSI	none
1E370A	RAYI	145-75	1E29 1T10	*SIE	66-155	1M82 1Z3	*MOTA	87-32	1N1357R.RA	*SIE	65-152	1N2032-1	SEN	none
1E380A	RAYI	148-64	1E29 1T10	*SIE	66-156	1M91 1Z.10.5	*MOTA	88-34	1N1357C.CA	*CRL	65-152	1N2032-1	SSI	none
1E390A	RAYI	153-71	1E29 1T10	*SIE	66-157	1M91 1Z3	*MOTA	88-35	1N1357R.RA	*SIE	65-152	1N2032-1	SEN	none
1E400A	RAYI	157-15	1E29 1T10	*SIE	66-158	1M100 1Z.10.5	*MOTA	89-6	1N1358C.CA	*CRL	65-152	1N2032-1	SSI	none
1E410A	RAYI	51-115	1E29 1T10	*SIE	66-159	1M100 1Z3	*MOTA	89-7	1N1358R.RA	*SIE	65-152	1N2032-1	SEN	none
1E420A	RAYI	51-116	1E29 1T10	*SIE	66-160	1M101 1Z.10.5	*MOTA	90-37	1N1359C.CA	*CRL	65-152	1N2032-1	SSI	none
1E430A	RAYI	51-117	1E29 1T10	*SIE	66-161	1M101 1Z3	*MOTA	90-38	1N1359R.RA	*SIE	65-152	1N2032-1	SEN	none
1E440A	RAYI	52-19	1E29 1T10	*SIE										

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1N4208	GSE 72-152	JAN1N5480	none 115-87	1N5874D	ΔMOTA 79-169	1S96	TOSJ 145-12	1S436R	NECJ 143-84
1N4209	GSE 73-154	JAN1N5481	none 115-110	1N5875C	ΔMOTA 79-118	1S97	TOSJ 147-21	1S438R	NECJ 149-79
1N4210	GSE 74-144	JAN1N5482	none 115-15	1N5875D	ΔMOTA 79-119	1S98	TOSJ 150-82	1S440R	NECJ 154-62
1N4211	GSE 75-68	JAN1N5483	none 115-35	1N5876C	ΔMOTA 80-84	1S99	TOSJ 152-44	1S441Δ	FCAJ 98-57
1N4212	GSE 77-92	JAN1N5484	none 115-44	1N5876D	ΔMOTA 80-85	1S100Δ	TOSJ 123-37	1S442Δ	FCAJ 98-52
1N4213	GSE 78-90	JAN1N5485	none 115-63	1N5877C	ΔMOTA 81-78	1S101Δ	TOSJ 125-2	1S443Δ	FCAJ 106-97
1N4215	GSE 79-51	JAN1N5486	none 115-82	1N5877D	ΔMOTA 81-79	1S102	TOSJ 128-43	1S444Δ	FCAJ 106-30
1N4216	GSE 80-10	JAN1N5487	none 115-87	1N5878C	ΔMOTA 82-84	1S103Δ	TOSJ 133-92	1S445Δ	FCAJ 108-40
1N4217	GSE 80-146	JAN1N5488	none 115-95	1N5878D	ΔMOTA 82-85	1S104	TOSJ 137-31	1S446Δ	FCAJ 98-106
1N4218	GSE 81-25	JAN1N5489	none 115-82	1N5879C	ΔMOTA 83-85	1S105Δ	TOSJ 141-20	1S450	FCAJ 100-84
1N4219	GSE 81-150	JAN1N5490	none 115-87	1N5879D	ΔMOTA 83-86	1S106	TOSJ 145-33	1S454	FCAJ 238-40
1N4220	GSE 82-37	JAN1N5491	none 115-94	1N5880C	ΔMOTA 84-31	1S107Δ	TOSJ 147-63	1S455	FCAJ 238-41
1N4221	GSE 82-144	JAN1N5492	none 115-110	1N5880D	ΔMOTA 84-32	1S108	TOSJ 150-87	1S458	FCAJ 123-31
1N4222	GSE 83-24	JAN1N5493	none 115-15	1N5881C	ΔMOTA 84-91	1S109Δ	TOSJ 152-81	1S459	FCAJ 124-50
1N4223	GSE 83-155	JAN1N5494	none 115-35	1N5881D	ΔMOTA 84-92	1S111Δ	NECJ 120-15	1S460	FCAJ 105-41
1N4224	GSE 84-149	JAN1N5495	none 115-44	1N5882C	ΔMOTA 85-57	1S112Δ	NECJ 124-90	1S470	FCAJ 55-53
1N4225	GSE 85-125	JAN1N5496	none 115-63	1N5882D	ΔMOTA 85-58	1S113Δ	TIBB 129-2	1S471	FCAJ 58-7
1N4226	GSE 86-92	JAN1N5497	none 117-95	1N5883C	ΔMOTA 86-34	1S114Δ	NECJ 129-24	1S472	FCAJ 60-156
1N4227	GSE 87-78	JAN1N5498	ΔALP 120-41	1N5883D	ΔMOTA 86-35	1S115Δ	NECJ 133-5	1S473	FCAJ 63-123
1N4228	GSE 88-75	JAN1N5499	ΔALP 120-41	1N5884C	ΔMOTA 87-11	1S116	NECJ 137-76	1S474	FCAJ 67-14
1N4229	GSE 89-58	JAN1N5500	ΔDEL 117-47	1N5884D	ΔMOTA 87-12	1S116	NECJ 140-104	1S475	FCAJ 70-70
1N4231	GSE 90-76	JAN1N5501	ΔSOD 117-105	1N5885C	ΔMOTA 87-126	1S119	NECJ 117-77	1S476	FCAJ 73-173
1N4232	GSE 91-36	JAN1N5502	ΔFSC 120-57	1N5885D	ΔMOTA 88-16	1S121Δ	NECJ 120-12	1S477	FCAJ 76-93
1N4233	GSE 92-75	JAN1N5503	ΔFSC 120-57	1N5886C	ΔMOTA 88-17	1S122	NECJ 124-86	1S478	FCAJ 78

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TYPE No.			MFRS Pg&Line			TYPE No.			MFRS Pg&Line			TYPE No.			MFRS Pg&Line			TYPE No.			MFRS Pg&Line		
1S564A	NJRC	217-59	1S1232	HITJ	140-91	1S1991	SAKJ	231-20	1S7150A	TIIB	67-137	1Z18D.10.5	SIE	71-8	1S565	NJRC	215-101	1S1233	TIIB	68-150	1Z19A.B.C	PWC	71-148
1S565	NJRC	215-101	1S1233	HITJ	147-34	1S2097	TOSJ	111-64	1S7160A	PHIL	242-83	1Z19D.10.5	SIE	71-149	1S565A	NJRC	214-102	1S1234	PHIL	242-84	1Z20A.B	BNT	72-104
1S566	NJRC	213-51	1S1236	TOSJ	242-82	1S2098	TOSJ	110-97	1SC301A	PHIL	242-84	1Z20A.B.C	PWC	72-105	1S566A	NJRC	213-52	1S1237	PHIL	242-85	1Z20A.B.C	PWC	72-105
1S567	NJRC	207-58	1S1238	TOSJ	111-101	1S2144	SAKJ	106-82	1SC301C	PHIL	242-86	1Z22D.10.5	SIE	72-106	1S567A	NJRC	207-59	1S1238	PHIL	242-87	1Z22A.B	BNT	73-100
1S568	NJRC	207-1	1S1333R	DETJ	121-91	1S2147A	SAKJ	109-31	1SC301E	PHIL	242-87	1Z22D.10.5	SIE	73-100	1S568	NJRC	207-2	1S1333R	SAR	56-4	1Z22A.B.C	PWC	73-101
1S568A	NJRC	207-2	1S1334R	NECJ	144-73	1S2147B	SAKJ	207-61	1T6 2.A.B	SAR	58-140	1Z22D.10.5	SIE	73-102	1S568A	NJRC	207-2	1S1334R	SAR	58-140	1Z22D.10.5	SIE	73-102
1S569	NJRC	203-82	1S1335R	NECJ	155-29	1S2147C	SAKJ	207-62	1T7 5.A.B	SAR	61-137	1Z24A.B	BNT	74-98	1S569	NJRC	203-82	1S1335R	SAR	61-137	1Z24A.B	BNT	74-98
1S569A	NJRC	203-83	1S1336R	NECJ	158-82	1S2148	SAKJ	120-89	1T11A.B	SAR	64-45	1Z24A.B.C	PWC	74-99	1S569A	NJRC	203-83	1S1336R	SAR	64-45	1Z24A.B.C	PWC	74-99
1S690	INRJ	52-108	1S1337R	NECJ	160-96	1S2149	SAKJ	125-58	1T13A.B	SAR	66-111	1Z24D.10.5	SIE	74-100	1S690	INRJ	52-108	1S1337R	SAR	66-111	1Z24D.10.5	SIE	74-100
1S691	INRJ	53-126	1S1338R	NECJ	163-48	1S2197	HITJ	217-40	1T16A.B	SAR	69-65	1Z25A.B.C	PWC	75-46	1S691	INRJ	53-126	1S1338R	SAR	69-65	1Z25A.B.C	PWC	75-46
1S692	INRJ	54-171	1S1339R	NECJ	165-18	1S2197A	HITJ	217-41	1T20A.B	SAR	72-103	1Z25D.10.5	SIE	75-47	1S692	INRJ	54-171	1S1339R	SAR	72-103	1Z25D.10.5	SIE	75-47
1S693	INRJ	57-86	1S1341	MITJ	117-89	1S2200A	TIIB	72-18	1T24A.B	SAR	74-97	1Z27A.B	BNT	76-14	1S693	INRJ	57-86	1S1341	SAR	74-97	1Z27A.B	BNT	76-14
1S694	INRJ	60-8	1S1350	MITJ	118-34	1S2233	TOSJ	141-94	1T30A.B	SAR	77-41	1Z27A.B.C	PWC	76-15	1S694	INRJ	60-8	1S1350	SAR	77-41	1Z27A.B.C	PWC	76-15
1S695	INRJ	63-28	1S1351	MITJ	121-8	1S2234	TOSJ	148-21	1T33A.B	SAR	78-34	1Z27D.10.5	SIE	76-16	1S695	INRJ	63-28	1S1351	SAR	78-34	1Z27D.10.5	SIE	76-16
1S696	INRJ	65-88	1S1352	MITJ	125-92	1S2235	TOSJ	153-37	1T36A.B	SAR	79-11	1Z30A.B	BNT	77-43	1S696	INRJ	65-88	1S1352	SAR	79-11	1Z30A.B	BNT	77-43
1S697	INRJ	68-61	1S1353	MITJ	129-89	1S2236	TOSJ	157-23	1T39A.B	SAR	79-141	1Z30A.B.C	PWC	77-43	1S697	INRJ	68-61	1S1353	SAR	79-141	1Z30A.B.C	PWC	77-43
1S698	INRJ	71-5	1S1354	MITJ	134-15	1S2237	TOSJ	160-32	1T43A.B	SAR	80-105	1Z30D.10.5	SIE	77-44	1S698	INRJ	71-5	1S1354	SAR	80-105	1Z30D.10.5	SIE	77-44
1S699	INRJ	73-99	1S1355	MITJ	142-6	1S2306	TOSJ	141-19	1T47A.B	SAR	81-101	1Z33A.B	BNT	78-35	1S699	INRJ	73-99	1S1355	SAR	81-101	1Z33A.B	BNT	78-35
1S700	INRJ	76-13	1S1356	MITJ	148-37	1S2307	TOSJ	147-69	1T51A.B	SAR	82-105	1Z33A.B.C	PWC	78-36	1S700	INRJ	76-13	1S1356	SAR	82-105	1Z33A.B.C	PWC	78-36
1S701	INRJ	81-129	1S1357	MITJ	153-53	1S2308	TOSJ	152-86	1T56A.B	SAR	83-108	1Z33D.10.5	SIE	78-37	1S701	INRJ	81-129	1S1357	SAR	83-108	1Z33D.10.5	SIE	78-37
1S702	INRJ	83-147	1S1358	MITJ	157-48	1S2309	TOSJ	161-72	1T62A.B	SAR	84-111	1Z36A.B	BNT	79-12	1S702	INRJ	83-147	1S1358	SAR	84-111	1Z36A.B	BNT	79-12
1S703	INRJ	85-24	1S1417	TOSJ	149-28	1S2310	TOSJ	140-72	1T68A.B	SAR	85-79	1Z36A.B.C	PWC	79-13	1S703	INRJ	85-24	1S1417	SAR	85-79	1Z36A.B.C	PWC	79-13
1S704	INRJ	87-131	1S1418	TOSJ	154-26	1S2311	TOSJ	147-18	1T75A.B	SAR	86-53	1Z36D.10.5	SIE	79-14	1S704	INRJ	87-131	1S1418	SAR	86-53	1Z36D.10.5	SIE	79-14
1S705	INRJ	90-52	1S1419	TOSJ	157-86	1S2312	TOSJ	152-42	1T82A.B	SAR	87-33	1Z39A.B	BNT	79-142	1S705	INRJ	90-52	1S1419	SAR	87-33	1Z39A.B	BNT	79-142
1S706	INRJ	93-80	1S1461	TOSJ	148-99	1S2313	TOSJ	140-66	1T91A.B	SAR	88-36	1Z39A.B.C	PWC	79-143	1S706	INRJ	93-80	1S1461	SAR	88-36	1Z39A.B.C	PWC	79-143
1S707	INRJ	95-142	1S1462	TOSJ	153-102	1S2314	TOSJ	147-16	1T100A.B	SAR	89-8	1Z39D.10.5	SIE	79-144	1S707	INRJ	95-142	1S1462	SAR	89-8	1Z39D.10.5	SIE	79-144
1S708	INRJ	98-109	1S1463	TOSJ	157-70	1S2315	TOSJ	152-34	1T110A.B	SAR	90-39	1Z43A.B	BNT	80-106	1S708	INRJ	98-109	1S1463	SAR	90-39	1Z43A.B	BNT	80-106
1S709	INRJ	101-50	1S1472	TOSJ	140-68	1S2349	SHEJ	125-75	1T120A.B	SAR	90-143	1Z43A.B.C	PWC	80-107	1S709	INRJ	101-50	1S1472	SAR	90-143	1Z43A.B.C	PWC	80-107
1S710	INRJ	103-142	1S1473	HITJ	106-10	1S2350	SHEJ	133-108	1T130A.B	SAR	91-104	1Z43D.10.5	SIE	80-108	1S710	INRJ	103-142	1S1473	SAR	91-104	1Z43D.10.5	SIE	80-108
1S711	INRJ	106-59	1S1514	TOSJ	99-105	1S2351	SHEJ	124-51	1T150A.B	SAR	92-139	1Z45A.B.C	PWC	81-2	1S711	INRJ	106-59	1S1514	SAR	92-139	1Z45A.B.C	PWC	81-2
1S712	INRJ	109-52	1S1515	TOSJ	98-102	1S2352	SHEJ	140-65	1T160A.B	SAR	93-107	1Z45D.10.5	SIE	81-3	1S712	INRJ	109-52	1S1515	SAR	93-107	1Z45D.10.5	SIE	81-3
1S713	INRJ	112-53	1S1516	TOSJ	98-101	1S2353	SHEJ	147-14	1T180A.B	SAR	94-132	1Z47A.B	BNT	81-102	1S713	INRJ	112-53	1S1516	SAR	94-132	1Z47A.B	BNT	81-102
1S714	INRJ	115-29	1S1517	TOSJ	114-28	1S2354	SHEJ	152-32	1T200A.B	SAR	95-119	1Z47A.B.C	PWC	81-103	1S714	INRJ	115-29	1S1517	SAR	95-119	1Z47A.B.C	PWC	81-103
1S715	INRJ	118-139	1S1517A	TOSJ	114-56	1S2355	SHEJ	161-34	1T503	ITT	129-14	1Z47D.10.5	SIE	81-104	1S715	INRJ	118-139	1S1517A	ITT	129-14	1Z47D.10.5	SIE	81-104
1S716	INRJ	121-60	1S1532	SAKJ	106-74	1S2356	SHEJ	124-87	1T506	ITT	140-93	1Z50A.B.C	PWC	82-13	1S716	INRJ	121-60	1S1532	ITT	140-93	1Z50A.B.C	PWC	82-13
1S717	INRJ	124-94	1S1551	TOSJ	211-110	1S2357	SHEJ	133-1	1T507	ITT	145-20	1Z50D.10.5	SIE	82-14	1S717	INRJ	124-94	1S1551	ITT	145-20	1Z50D.10.5	SIE	82-14
1S718	INRJ	127-154	1S1552	TOSJ	216-108	1S2361	SHEJ	125-10	1T508	ITT	147-36	1Z51A.B	BNT	82-106	1S718	INRJ	127-154	1S1552	ITT	147-36	1Z51A.B	BNT	82-106
1S719	INRJ	130-123	1S1556	TOSJ	212-1	1S2362	SHEJ	133-40	1T2011	SONY	120-21	1Z51A.B.C	PWC	82-107	1S719	INRJ	130-123	1S1556	SONY	120-21	1Z51A.B.C	PWC	82-107
1S720	INRJ	133-63	1S1557	TOSJ	216-109	1S2363	SHEJ	141-29	1T2012	SONY	121-96	1Z51D.10.5	SIE	82-108	1S720	INRJ	133-63	1S1557	SONY	121-96	1Z51D.10.5	SIE	82-108
1S721	INRJ	136-155	1S1558	TOSJ	219-																		

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TYPE No.			TYPE No.			TYPE No.			TYPE No.			TYPE No.			TYPE No.		
MFPS	Pg&Line		MFPS	Pg&Line		MFPS	Pg&Line		MFPS	Pg&Line		MFPS	Pg&Line		MFPS	Pg&Line	
12K18.B	ITT	71-64	15DK213.A.B	TEK	85-125	15J268.A.B.D	PWC	85-101	15Z56.A.B.D	PWC	83-133	JAN2N2027W	GESY	none			
12K22.B	ITT	73-156	15DK215.A.B	TEK	86-137	15J268C	PWC	85-102	15Z56C	PWC	83-134	Repl.by JAN2N2027	Cur.				
12K27.B	ITT	76-73	15DK216.A.B	TEK	86-137	15J275.A.B.D	PWC	86-72	15Z62.A.B.D	PWC	84-131	JAN2N2029W	GESY	none			
12K33.B	ITT	78-91	15DK218.A.B	TEK	86-90	15J275C	PWC	86-73	15Z62C	PWC	84-132	Repl.by JAN2N2029	Cur.				
12K39.B	ITT	80-11	15DK220.A.B	TEK	72-128	15J282.A.B.D	PWC	87-54	15Z68.A.B.D	PWC	85-103	JAN2N2030W	GESY	none			
12K47.B	ITT	81-151	15DK222.A.B	TEK	73-127	15J282C	PWC	87-55	15Z68C	PWC	85-104	Repl.by JAN2N2030	Cur.				
12K56.B	ITT	83-156	15DK224.A.B	TEK	74-120	15J291.A.B.D	PWC	88-55	15Z75.A.B.D	PWC	86-74	20A72	PHIC	98-58			
12K68.B	ITT	85-126	15DK227.A.B	TEK	76-41	15J291C	PWC	88-56	15Z75C	PWC	86-75	20A79	MULB	57-72			
12K82.B	ITT	87-79	15DK230.A.B	TEK	77-65	15J2100.A.B.D	PWC	89-33	15Z82.A.B.D	PWC	87-56		PHIC				
12K100.B	ITT	89-59	15DK233.A.B	TEK	78-61		PWC		15Z82C	PWC	87-57	2T501	ITT	120-5			
12M3 3T20.10.5	INR	51-121	15DK236.A.B	TEK	79-30	15J2100C	PWC	89-34	15Z91.A.B.D	PWC	88-57	2T502	ITT	124-79			
	INR		15DK239.A.B	TEK	79-161	15J2105.A.B.D	PWC	89-119	15Z91C	PWC	88-58	2T503	ITT	129-15			
	INR		15DK243.A.B	TEK	80-124		PWC		15Z100.A.B.D	PWC	89-35	2T504	ITT	132-101			
12M3 6T20.10.5	INR	52-25	15DK247.A.B	TEK	81-123	15J2105C	PWC	89-120	15Z100C	PWC	89-36	2T505	ITT	137-64			
	INR		15DK251.A.B	TEK	82-123	15J2110.A.B.D	PWC	90-57	15Z105.A.B.D	PWC	89-121	2T506	ITT	140-94			
	INR		15DK256.A.B	TEK	83-130		PWC		15Z105C	PWC	89-122	2T507	ITT	145-21			
12M3 9T20.10.5	INR	52-110	15DK262.A.B	TEK	84-128	15J2110C	PWC	90-58	15Z105D.10.5	SIE	89-123	2T508	ITT	147-37			
	INR		15DK268.A.B	TEK	85-100	15J2120.A.B.D	PWC	91-14	15Z110.A.B.D	PWC	90-59	2T509	ITT	150-83			
	INR		15DK275.A.B	TEK	86-71		PWC		15Z110C	PWC	90-60	2T510	ITT	152-59			
12M4 3T20.10.5	INR	53-28	15E1	PWC	120-95	15J2120C	PWC	91-15	15Z120.A.B.D	PWC	91-16	2W3A	TEC	132-71			
	INR		15E2	PWC	125-68	15J2130.A.B.D	PWC	91-121	15Z120C	PWC	91-17	2W4A	TEC	137-16			
	INR		15E3	PWC	129-77		PWC		15Z130.A.B.D	PWC	91-123	2W5A	TEC	140-49			
12M4 7T20.10.5	INR	53-128	15E4	PWC	133-99	15J2130C	PWC	91-122	15Z130C	PWC	91-124	2W6A	TEC	145-11			
	INR		15E5	PWC	138-13	15J2140.A.B.D	PWC	92-60	15Z140.A.B.D	PWC	92-63	2W7A	TEC	146-97			
	INR		15E6	PWC	141-88	15J2140C	PWC	92-61	15Z140C	PWC	92-64	2W9A	TEC	150-81			
12M5 1T20.10.5	INR	54-55	15E7	PWC	145-49	15J2150.A.B.D	PWC	93-19	15Z140D.10.5	SIE	92-65	2W12A	TEC	156-87			
	INR		15E8	PWC	148-18		PWC		15Z150.A.B.D	PWC	93-21	2W15A	TEC	161-41			
	INR		15E9	PWC	153-32	15J2150C	PWC	93-20	15Z150C	PWC	93-22	2W20A	TEC	166-9			
12M5 6T20.10.5	INR	54-174	15E10	PWC	157-33	15J2160.A.B.D	PWC	93-123	15Z160C	PWC	93-125	2WMT1	CDWF	121-58			
	INR		15E11	PWC	159-99		PWC		15Z175.A.B.D	PWC	94-66	2WMT2	CDWF	126-40			
	INR		15E12	PWC	162-84	15J2160C	PWC	93-124	15Z175C	PWC	94-67	2WMT4	CDWF	134-83			
12M6 2T20.10.5	INR	56-7	15E13	PWC	164-63	15J2175.A.B.D	PWC	94-64	15Z175D.10.5	SIE	94-68	2WMT6	CDWF	142-75			
	INR		15E14	PWC	166-72		PWC		15Z180.A.B.D	PWC	95-12	2WMT8	CDWF	148-97			
	INR		15E15	PWC	166-72	15J2175C	PWC	94-65	15Z180C	PWC	95-13	2WMT10	CDWF	153-89			
12M6 8T20.10.5	INR	57-90	15F1	PWC	120-96	15J2180.A.B.D	PWC	95-10	15Z200C	PWC	95-139	2XAA111	ALGG	97-87			
	INR		15F2	PWC	125-67		PWC		15Z220C	PWC	96-22	2526.8D.10.5	SIE	57-123			
	INR		15F3	PWC	133-100		PWC		15Z220C	PWC	96-23	2526.8D.10.5	none				
12M7 5T20.10.5	INR	58-144	15F4	PWC	138-13	15J2180C	PWC	95-11	15Z220C	PWC	96-24	2526.8D.10.5	none				
	INR		15F5	PWC	141-89	15J2200C	PWC	95-136	2A64	HAFO	97-124	2526.8D.10.5	none				
	INR		15F6	PWC	148-19	15J2220.A.B.D	PWC	95-137	2AA112	MISI	97-27	2526.8D.10.5	none				
12M8 2T20.10.5	INR	60-12	15F7	PWC	153-33		PWC		2AA113	THCF	99-1	2526.8D.10.5	none				
	INR		15F8	PWC	157-34		PWC			THCF		2527.5D.10.5	none				
	INR		15F9	PWC	159-100		PWC			THCF		2527.5D.10.5	none				
12M9 1T20.10.5	INR	61-141	15F10	PWC	162-85	15J2220C	PWC	96-21		THCF		2527.5D.10.5	none				
	INR		15F11	PWC	164-64	15M142.10.5	MOTA	67-90	2C1	PWC	121-4	2527.5D.10.5	none				
	INR		15F12	PWC	166-73	15M172.10.5	MOTA	70-48	2C2A	COGF	126-83	2527.5D.10.5	none				
12M10T20.10.5	INR	63-32	15F13	PWC	166-73	15M192.10.5	MOTA	71-162	2C2B	PWC	125-88	2527.5D.10.5	none				
	INR		15F14	PWC	157-35	15M252.10.5	MOTA	75-60	2C4A	COGF	135-16	2527.5D.10.5	none				
	INR		15F15	PWC	57-115	15M140Z.10.5	MOTA	92-62	2C4B	PWC	134-12	2527.5D.10.5	none				
12M11T20.10.5	INR	64-49	15J26 8.A.B.D	PWC	57-116	15R75.A.B	SOD	59-9	2C5	PWC	118-31	2527.5D.10.5	none				
	INR		15J27 5.A.B.D	PWC	59-7	15Z6 8.A.B.D	PWC	57-117	2C6A	COGF	143-6	2528.2D.10.5	SIE	60-45			
	INR		15J27 5C	PWC	59-8	15Z6 8C	PWC	57-118	2C8A	PWC	142-1	2528.2D.10.5	none				
12M12T20.10.5	INR	65-92	15J28 2.A.B.D	PWC	60-39	15Z7 5.A.B.D	PWC	59-10	2C8B	COGF	149-19	2528.2D.10.5	none				
	INR		15J28 2C	PWC	60-40	15Z7 5C	PWC	59-11	2C8C	PWC	148-32	2528.2D.10.5	none				
	INR		15J29 1.A.B.D	PWC	62-2	15Z8 2.A.B.D	PWC	60-41	2C10A	COGF	154-20	2528.2D.10.5	none				
12M13T20.10.5	INR	66-115	15J29 1C	PWC	62-3	15Z8 2C	PWC	60-42	2C10B	PWC	153-48	2528.2D.10.5	none				
	INR		15J29 1D	PWC	62-4	15Z9 1.A.B.D	PWC	62-3	2C12A	COGF	157-83	2529.1D.10.5	SIE	62-9			
12M15T20.10.5	INR	68-69	15J29 1E	PWC	62-5	15Z9 1C	PWC	62-4	2C12B	PWC	157-45	2529.1D.10.5	none				
	INR		15J210.A.B.D	PWC	63-65	15Z9 1D	PWC	63-67	2C18	PWC	164-72	2529.1D.10.5	none				
	INR		15J210C	PWC	63-66	15Z10.A.B.D	PWC	63-68	2C20	PWC	166-79	2529.1D.10.5	none				
12M16T20.10.5	INR	69-69	15J211.A.B.D	PWC	64-75	15Z11.A.B.D	PWC	64-77	2E1A	PWC	121-5	2529.1D.10.5	none				
	INR		15J211C	PWC	64-76	15Z12.A.B.D	PWC	65-128	2E2A	INR	119-108	2529.1D.10.5	none				
	INR		15J212.A.B.D	PWC	65-126	15Z12C	PWC	65-129	2E2B	PWC	125-89	2529.1D.10.5	none				
12M18T20.10.5	INR	71-9	15J212C	PWC	65-127	15Z13.A.B.D	PWC	66-140	2E4	INR	124-69	2529.1D.10.5	none				
	INR		15J213.A.B.D	PWC	66-138	15Z13C	PWC	66-141	2E5	PWC	134-40	2529.1D.10.5	none				
	INR		15J213C	PWC	66-139	15Z14.A.B.D	PWC	67-91	2E6A	PWC	118-32	2529.1D.10.5	none				
12M20T20.10.5	INR	72-107	15J214.A.B.D	PWC	67-88	15Z14C	PWC	67-92	2E6B	INR	140-78	2529.1D.10.5	none				
	INR		15J214C	PWC	67-89	15Z15.A.B.D	PWC	68-94	2E8A	PWC	148-33	2529.1D.10.5	none				
	INR		15J215.A.B.D	PWC	68-92	15Z15C	PWC	68-95	2E10	PWC	153-49	2529.1D.10.5	none				
12T10.B	ITT	63-33	15J215C	PWC	68-93	15Z16.A.B.D	PWC	69-93	2E12	PWC	157-46	2529.1D.10.5	none				
12T12.B	ITT	65-93	15J216.A.B.D	PWC	69-91	15Z16C	PWC	69-94	2E14	PWC	159-108	2529.1D.10.5	none				
12T15.B	ITT	68-66	15J216C	PWC	69-92	15Z17.A.B.D	PWC	70-49	2E16	PWC	162-90	2529.1D.10.5	none				
12T18.B	ITT	71-10	15J217.A.B.D	PWC	70-46	15Z17C	PWC	70-50	2E18	PWC	164-73	2529.1D.10.5	none				
12T22.B	ITT	73-103	15J217C	PWC	70-47	15Z17D.10.5	SIE	70-51	2E20	PWC	166-80	2529.1D.10.5	none				
12T27.B	ITT	76-17	15J218.A.B.D	PWC	71-35	15Z18.A.B.D	PWC	71-37	2EM1	PWC	120-109	2529.1D.10.5	none				
12T33.B	ITT	78-38	15J218C	PWC	71-36	15Z18C	PWC	71-38	2EM2	PWC	125-82	2529.1D.10.5	none				
12T39.B	ITT	79-145	15J219.A.B.D	PWC	71-160	15Z19.A.B.D	PWC	71-163	2EM3	PWC	117-50	2529.1D.10.5	none				
12T47.B	ITT	81-105	15J219C	PWC	71-161	15Z19C	PWC	71-164	2EM4	PWC	132-16	2529.1D.10.5	none				
12T56.B	ITT	83-112	15J220.A.B.D	PWC	72-129	15Z19D.10.5	SIE	71-165	2EM5	PWC	134-6	2529.1D.10.5	none				
12T68.B	ITT	85-83</															

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TYPE No.	MFRS	Pg&Line	TYPE No.	MFRS	Pg&Line	TYPE No.	MFRS	Pg&Line	TYPE No.	MFRS	Pg&Line	TYPE No.	MFRS	Pg&Line
2521705	none	none	2525105	none	none	354E	SET	134-38	312140C	PWC	82-69	5020	AFI	165-91
Repl by 1N5027A Cur.			Repl by 1N5043 Cur.			3505E	SET	118-47	312150A.B.D	PWC	93-26		ASI	
25217010	none	none	25251010.5	none	none	3506E	SET	142-27	312150C	PWC	93-27	5025	AFI	168-96
Repl by 1N5027 Cur.			Repl by 1N5043A Cur.			35F1	SET	109-92	312160A.B.D	PWC	93-128		ASI	
25217010.5	none	none	25251010.5 SIE	82-130		35F2	SET	111-11	312160C	PWC	93-129	5030	AFI	170-29
Repl by 1N5027A Cur.			2525205	none	none	35F4	SET	112-3	312175A.B.D	PWC	94-71		ASI	
25217010.5 SIE	70-52		Repl by 1N5044A Cur.			35M0	SET	113-104	312175C	PWC	94-72	5040	AFI	171-102
2521805	none	none	25252010	none	none	35M2	SET	111-47	312180A.B.D	PWC	95-15		ASI	
Repl by 1N5028A Cur.			Repl by 1N5044 Cur.			35M4	SET	112-40	312180C	PWC	95-16	5050	AFI	173-19
25218010	none	none	25252010.5	none	none	35M6	SET	113-16	312200A.B.D	PWC	95-144		ASI	
Repl by 1N5028 Cur.			Repl by 1N5044A Cur.			35M8	SET	113-61	312200C	PWC	95-145	5E23 6D	ASI	52-42
25218010.5	none	none	25252010.5 SIE	83-21		3T501	ITT	120-6	312220A.B.D	PWC	96-24	5E23 6D10	ASI	52-43
Repl by 1N5028A Cur.			2525605	none	none	3T502	ITT	124-80	312220C	PWC	96-25	5E23 6D5	ASI	52-44
25218010.5 SIE	71-41		Repl by 1N5045A Cur.			3T503	ITT	129-16	3W1	CDWF	121-101	5E23 9D	ASI	52-130
2521905	none	none	25256010	none	none	3T504	ITT	132-102	3W2	CDWF	126-88	5E23 9D10	ASI	52-131
Repl by 1N5029A Cur.			Repl by 1N5045 Cur.			3T505	ITT	137-65	3W4	CDWF	135-21	5E23 9D5	ASI	52-132
25219010	none	none	25256010.5	none	none	3T506	ITT	140-95	3W6	CDWF	143-12	5E24 3D	ASI	53-47
Repl by 1N5029 Cur.			25256010.5 SIE	83-137		3T507	ITT	145-22	3W8	CDWF	149-22	5E24 3D10	ASI	53-48
25219010.5	none	none	2526205	none	none	3T508	ITT	147-38	3W10	CDWF	154-22	5E24 3D5	ASI	53-49
Repl by 1N5029A Cur.			Repl by 1N5046A Cur.			3T509	ITT	150-84	3W12	CDWF	157-84	5E24 7D	ASI	53-148
2522005	none	none	25262010	none	none	3T510	ITT	152-60	3Z6 8.A.B	BNT	57-126	5E24 7D10	ASI	53-149
Repl by 1N5030A Cur.			Repl by 1N5046 Cur.			3T23 6.A.B.D	PWC	52-40	3Z9 0.A.B	BNT	61-30	5E24 7D5	ASI	53-150
25220010	none	none	25262010.5	none	none	3T23 6C	PWC	52-41	3Z12.A.B	BNT	65-136	5E25 1D	ASI	54-75
Repl by 1N5030 Cur.			25262010.5 SIE	84-135		3T23 9.A.B.D	PWC	52-127	3Z15.A.B	BNT	68-103	5E25 1D10	ASI	54-76
25220010.5	none	none	Repl by 1N5046A Cur.			3T23 9C	PWC	52-128	3Z18.A.B	BNT	71-44	5E25 1D5	ASI	54-77
Repl by 1N5030A Cur.			2526805	none	none	3T24 3.A.B.D	PWC	53-45	3Z21.A.B	BNT	72-173	5E25 6D	ASI	55-25
2522205	none	none	Repl by 1N5047A Cur.			3T24 3C	PWC	53-46	3Z24.A.B	BNT	74-130	5E25 6D10	ASI	55-26
Repl by 1N5031A Cur.			25268010	none	none	3T24 7C	PWC	53-145	3Z27.A.B	BNT	76-53	5E25 6D5	ASI	55-27
25222010	none	none	Repl by 1N5047 Cur.			3T25 1.A.B.D	PWC	54-73	3Z30.A.B	BNT	77-77	5E26 2D	ASI	56-36
Repl by 1N5031 Cur.			25268010.5	none	none	3T25 1C	PWC	54-74	3Z33.A.B	BNT	78-73	5E26 2D10	ASI	56-37
25222010.5	none	none	Repl by 1N5047A Cur.			3T25 6.A.B.D	PWC	55-22	3Z36.A.B	BNT	79-38	5E26 2D5	ASI	56-38
Repl by 1N5031A Cur.			2527505	none	none	3T26 2.A.B.D	PWC	55-23	4BV60	INRB	174-22	5E26 8D	ASI	57-133
25222010.5 SIE	73-134		Repl by 1N5048A Cur.			3T26 2C	PWC	56-34	4BV80	INRB	175-108	5E26 8D10	ASI	57-134
2522405	none	none	25275010	none	none	3T26 8C	PWC	56-35	4BV100	INRB	177-52	5E26 8D5	ASI	57-135
Repl by 1N5032A Cur.			Repl by 1N5048 Cur.			3T27 5C	PWC	57-124	4BV120	INRB	178-37	5E27 5D	ASI	59-23
25224010	none	none	25275010.5	none	none	3T27 5A.B.D	PWC	57-125	4BV130	INRB	178-67	5E27 5D10	ASI	59-24
Repl by 1N5032 Cur.			25275010.5 SIE	86-78		3T27 5C	PWC	59-16	4C1	COGF	122-20	5E27 5D5	ASI	59-25
25224010.5	none	none	2528205	none	none	3T28 2.A.B.D	PWC	59-17	4C2	COGF	127-14	5E28 2D	ASI	60-54
Repl by 1N5032A Cur.			Repl by 1N5049A Cur.			3T28 2C	PWC	60-46	4C4	COGF	135-60	5E28 2D10	ASI	60-55
25224010.5 SIE	74-127		25282010	none	none	3T29 1.A.B.D	PWC	60-47	4C6	COGF	143-47	5E28 2D5	ASI	60-56
Repl by 1N5032A Cur.			25282010.5	none	none	3T29 1C	PWC	62-10	4C8	COGF	149-43	5E28 7D	ASI	60-139
2522505	none	none	Repl by 1N5049 Cur.			3T29 1A.B.D	PWC	62-11	4C12	COGF	154-37	5E28 7D10	ASI	60-140
Repl by 1N5033A Cur.			25282010.5	none	none	3T210.A.B.D	PWC	62-11	4C14	COGF	157-95	5E28 7D5	ASI	60-141
25225010	none	none	25282010.5 SIE	87-60		3T211.A.B.D	PWC	63-73	4C16	COGF	160-21	5E29 1D	ASI	62-17
Repl by 1N5033 Cur.			2529105	none	none	3T211C	PWC	63-74	4F1	COGF	162-106	5E29 1D10	ASI	62-18
25225010.5	none	none	Repl by 1N5050A Cur.			3T212.A.B.D	PWC	64-83	4F2	PWC	121-36	5E29 1D5	ASI	62-19
Repl by 1N5033A Cur.			25291010	none	none	3T212C	PWC	64-84	4F3	PWC	126-12	5E21005	ASI	63-83
25225010.5 SIE	75-64		Repl by 1N5050 Cur.			3T213.A.B.D	PWC	65-135	4F4	PWC	130-4	5E210010	ASI	63-84
Repl by 1N5034A Cur.			25291010.5	none	none	3T213C	PWC	66-146	4F5	PWC	134-50	5E2100	ASI	63-85
2522705	none	none	25291010.5 SIE	88-61		3T214.A.B.D	PWC	66-147	4F6	PWC	118-53	5E21105	ASI	64-90
Repl by 1N5034 Cur.			2521000D5	none	none	3T214C	PWC	67-95	4F8	PWC	138-49	5E211010	ASI	64-91
25227010	none	none	Repl by 1N5051A Cur.			3T215.A.B.D	PWC	67-96	4F10	PWC	142-36	5E2110	ASI	64-92
Repl by 1N5034A Cur.			2521000D5	none	none	3T215C	PWC	68-101	4F12	PWC	148-65	5E212D5	ASI	65-145
25227010.5	none	none	Repl by 1N5051 Cur.			3T216.A.B.D	PWC	68-102	4G4	SEM	228-19	5E212D10	ASI	65-146
25227010.5 SIE	76-50		2521000D5	none	none	3T216C	PWC	69-98	4G5	SEM	228-20	5E21305	ASI	65-147
Repl by 1N5035A Cur.			3A1	DI		3T217.A.B.D	PWC	69-99	4G8	AEIL	133-15	5E213D	ASI	66-153
2523005	none	none	Repl by 1N4140 Cur.			3T217C	PWC	70-53	4J4DR700	GESY	117-11	5E21405	ASI	67-99
Repl by 1N5035A Cur.			3A2	DI		3T218.A.B.D	PWC	70-54	4J4MR700	GESY	117-9	5E214D10	ASI	67-100
25230010	none	none	Repl by 1N4141 Cur.			3T218C	PWC	71-43	4J411BX4	GESY	126-11	5E214D	ASI	67-101
Repl by 1N5035A Cur.			3A4	DI		3T219.A.B.D	PWC	71-44	4J416MR700M	GESY	117-12	5E21505	ASI	68-112
25230010.5	none	none	Repl by 1N4142 Cur.			3T220.A.B.D	PWC	71-168	4J4211A	GELC	120-80	5E215010	ASI	68-113
25230010.5 SIE	77-74		3A5	DI		3T220C	PWC	72-137	4J4BD1	GESY	230-101	5E215D	ASI	68-114
Repl by 1N5036A Cur.			Repl by 1N4143 Cur.			3T222.A.B.D	PWC	72-138	4J4BD2	GESY	230-102	5E216D5	ASI	69-105
25233010	none	none	3A6	DI		3T222C	PWC	73-135	4J4BD3	GESY	230-103	5E216D10	ASI	69-106
Repl by 1N5036 Cur.			3A8	DI		3T224.A.B.D	PWC	73-136	4J4BD4	GESY	230-104	5E216D	ASI	69-107
25233010.5	none	none	Repl by 1N4139 Cur.			3T224C	PWC	74-128	4J4BD5	GESY	230-105	5E217D5	ASI	70-55
Repl by 1N5036A Cur.			3A9	DI		3T227.A.B.D	PWC	74-129	4J4BD6	GESY	230-106	5E217D10	ASI	70-56
25233010.5 SIE	78-70		Repl by 1N4143 Cur.			3T227C	PWC	76-51	4J4BD7	GESY	230-107	5E217D	ASI	70-57
Repl by 1N5037A Cur.			3A1	DI		3T230.A.B.D	PWC	76-52	4JUS2.16A.B	PWC	50-83	5E218D5	ASI	71-53
2523605	none	none	Repl by 1N4144 Cur.			3T230C	PWC	77-75	4JUS2.46A.B	PWC	50-124	5E218D10	ASI	71-54
Repl by 1N5037A Cur.			3C1	COGF	122-7	3T233.A.B.D	PWC	77-76	4JUS2.60A.B	PWC	50-140	5E218D	ASI	71-55
25236010	none	none	3C2	COGF	126-108	3T233C	PWC	78-71	4JUS2.92A.B	PWC	51-26	5E219D5	ASI	71-169
Repl by 1N5037 Cur.			3C3	COGF	135-42	3T236.A.B.D	PWC	78-72	4JUS3.05A.B	PWC	51-64	5E219D10	ASI	72-1
25236010.5	none	none	3C4	COGF	143-28	3T236C	PWC	79-36	4T501	ITT	120-7	5E219D	ASI	72-2
Repl by 1N5037A Cur.			3C8	COGF	149-31	3T239.A.B.D	PWC	79-37	4T502	ITT	124-81	5E22005	ASI	72-144
2523905	none	none	3C10	COGF	154-28	3T243.A.B.D	PWC	79-166	4T503	ITT	129-17	5E220010	ASI	72-145
Repl by 1N5038A Cur.			3C12	COGF	157-89	3T243C	PWC	79-167	4T504	ITT	132-103	5E2200	ASI	72-146
25239010	none	none	3C14	COGF	160-17	3T245.A.B.D	PWC	80-132	4T505	ITT	137-66	5E222D5	ASI	73-145
Repl by 1N5038 Cur.			3C16	COGF	162-104	3T245C	PWC	80-133	4T506	ITT	140-96	5E222D10	ASI	73-146
25239010.5	none	none	3C51	HAFO	242-45	3T247.A.B.D	PWC	81-21	4T507	ITT	145-23	5E222D	ASI	73-147
Repl by 1N5038A Cur.			3C11	TOSJ	123-45	3T247C	PWC	81-22	4T508	ITT	147-39	5E224D5	ASI	74-137
2524305	none	none	3C11	TOSJ	125-104	3T250.A.B.D	PWC	81-132	4T509	ITT	150-85	5E224D10	ASI	74-138
Repl by 1N5039A Cur.			3G8	AEIL	129-30	3T250C	PWC	81-133	4T510	ITT	152-61	5E224D	ASI	74-139
25243010	none	none	3G11	TOSJ	134-33	3T251.A.B.D	PWC	82-33	5A1	INR	120-58	5E225D5	ASI	75-65
Repl by 1N5039 Cur.			3G11	TOSJ	138-38	3T251C	PWC	82-34		INR		5E225D10	ASI	75-66
25243010.5	none	none	3G11	TOSJ	142-21	3T252.A.B.D	PWC	82-131		INR		5E225D	ASI	75-67
Repl by 1N5039A Cur.			3JUS1 62A.B	PWC	50-54	3T252C	PWC	82-132						

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TYPE No.	MFRS	Pg&Line	TYPE No.	MFRS	Pg&Line	TYPE No.	MFRS	Pg&Line	TYPE No.	MFRS	Pg&Line	TYPE No.	MFRS	Pg&Line	TYPE No.	MFRS	Pg&Line
5E2510	*SIE	82-140	5N95A9	EDL	177-16	6RS20SP1B1	*GESY	239-58	10E25 6D.10.5	SIE	55-30	10N240A	EDL	180-79			
5E256D5	*SIE	83-147	5N95A9	EDL	177-17	6RS20SP2B2	*GESY	239-59	10E26 2D.10.5	SIE	56-40	10N250A	EDL	180-96			
5E256D10	*SIE	83-148	5N100A9	EDL	177-18	6RS20SP3B3	*GESY	239-60	10E26 8D.10.5	SIE	57-140	10N260A	EDL	181-9			
5E256D	*SIE	83-149	5N100A	EDL	177-55	6RS20SP4B4	*GESY	239-61	10E27 5D.10.5	SIE	59-29	10NC11	TOSJ	153-94			
5E260D5	*SIE	84-41	5N110A	EDL	178-10	6RS20SP5B5	*GESY	239-62	10E28 2D.10.5	SIE	60-61	10P4	SSCF	134-81			
5E260D10	*SIE	84-42	5N120A	EDL	178-38	6RS20SP6B6	*GESY	239-63	10E29 1D.10.5	SIE	62-23	10PM8	*COGF	148-94			
5E260D	*SIE	84-43	5N130A	EDL	178-68	6RS20SP7B7	*GESY	239-64	10E29 10D.10.5	SIE	63-98	10PZ6.8.A.B.D	PWC	57-141			
5E262D5	*SIE	84-143	5N140A	EDL	178-86	6RS20SP8B8	*GESY	239-65	10E29 11D.10.5	SIE	64-98	10PZ6.8C	PWC	57-142			
5E262D10	*SIE	84-144	5N150A	EDL	179-3	6RS20SP9B9	*GESY	239-66	10E29 12D.10.5	SIE	65-158	10PZ7.5.A.B.D	PWC	59-30			
5E262D	*SIE	84-145	5N160A	EDL	179-37	6RS20SP10B10	*GESY	239-67	10E29 13D.10.5	SIE	66-161	10PZ7.5C	PWC	59-31			
5E268D5	*SIE	85-117	5N170A	EDL	179-58	6RS20SP11B11	*GESY	239-68	10E29 14D.10.5	SIE	67-103	10PZ8.2.A.B.D	PWC	60-62			
5E268D10	*SIE	85-118	5N190A	EDL	179-97	6RS20SP12B12	*GESY	239-69	10E29 15D.10.5	SIE	68-125	10PZ8.2C	PWC	60-63			
5E268D	*SIE	85-119	5N200A	EDL	180-6	6RS20SP13B13	*GESY	239-70	10E29 16D.10.5	SIE	69-113	10PZ9.1.A.B.D	PWC	62-24			
5E275D5	*SIE	86-86	5N210A	EDL	180-33	6RS20SP14B14	*GESY	239-71	10E29 17D.10.5	SIE	70-59	10PZ9.1C	PWC	62-25			
5E275D10	*SIE	86-87	5N220A	EDL	180-47	6RS20SP15B15	*GESY	239-72	10E29 18D.10.5	SIE	71-65	10PZ10.A.B.D	PWC	63-97			
5E275D	*SIE	86-88	5N230A	EDL	180-63	6RS20SP16B16	*GESY	239-73	10E29 19D.10.5	SIE	72-4	10PZ10C	PWC	63-98			
5E275D5	*SIE	87-70	5N240A	EDL	180-78	6RS20SP17B17	*GESY	239-74	10E29 20D.10.5	SIE	72-153	10PZ11.A.B.D	PWC	64-99			
5E282D10	*SIE	87-71	5N250A	EDL	180-95	6RS20SP18B18	*GESY	239-75	10E29 21D.10.5	SIE	73-1	10PZ11C	PWC	64-100			
5E282D	*SIE	87-72	5N260A	EDL	181-8	6RS20SP19B19	*GESY	239-76	10E29 22D.10.5	SIE	74-145	10PZ12.A.B.D	PWC	65-157			
5E287D5	*SIE	87-136	5R3P	SAR	118-92	6RS20SP20B20	*GESY	239-77	10E29 23D.10.5	SIE	75-69	10PZ12C	PWC	65-158			
5E287D10	*SIE	87-137	5S3P	SAR	119-5	6RS20VP1B	*GESY	239-78	10E29 24D.10.5	SIE	76-74	10PZ13.A.B.Q	PWC	66-162			
5E287D	*SIE	87-138	5SPT10-4	SAKJ	229-24	6RS20VP2B	*GESY	239-79	10E29 25D.10.5	SIE	77-93	10PZ13C	PWC	66-163			
5E291D5	*SIE	88-69	5SPT10-5	SAKJ	229-25	6RS20VP3B	*GESY	239-80	10E29 26D.10.5	SIE	78-92	10PZ14.A.B.D	PWC	67-104			
5E291D10	*SIE	88-70	5SPT10-6	SAKJ	229-26	6RS20VP4B	*GESY	239-81	10E29 27D.10.5	SIE	79-52	10PZ14C	PWC	67-105			
5E291D	*SIE	88-71	5SPT12-5	SAKJ	229-27	6RS20VP5B	*GESY	239-82	10E29 28D.10.5	SIE	80-12	10PZ15.A.B.D	PWC	68-126			
5E2100D5	*SIE	89-49	5SPT12-5	SAKJ	229-28	6RS20VP6B	*GESY	239-83	10E29 29D.10.5	SIE	80-147	10PZ15C	PWC	68-127			
5E2100D10	*SIE	89-50	5T3P	SAR	119-15	6RS20VP7B	*GESY	239-84	10E29 30D.10.5	SIE	81-28	10PZ16.A.B.D	PWC	69-114			
5E2100D	*SIE	89-51	5V3P	SAR	119-25	6RS20VP8B	*GESY	239-85	10E29 31D.10.5	SIE	81-152	10PZ16C	PWC	69-115			
5E2110D5	*SIE	90-70	5W3P	SAR	119-31	6RS20VP9B	*GESY	239-86	10E29 32D.10.5	SIE	82-38	10PZ18.A.B.D	PWC	71-66			
5E2110D10	*SIE	90-71	5X3P	SAR	119-36	6RS20VP10B	*GESY	239-87	10E29 33D.10.5	SIE	82-145	10PZ18C	PWC	71-67			
5E2110D	*SIE	90-72	5Y3P	SAR	119-43	6RS20VP11B	*GESY	239-88	10E29 34D.10.5	SIE	83-25	10PZ20.A.B.D	PWC	72-154			
5E2120D5	*SIE	91-28	5ZB	SAR	119-65	6RS20VP12B	*GESY	239-89	10E29 35D.10.5	SIE	83-157	10PZ20C	PWC	72-155			
5E2120D10	*SIE	91-29	6C7	SEM	229-29	6RS20VP13B	*GESY	239-90	10E29 36D.10.5	SIE	84-150	10PZ22.A.B.D	PWC	73-157			
5E2120D	*SIE	91-30	6C8	SEM	229-30	6RS20VP14B	*GESY	239-91	10E29 37D.10.5	SIE	85-127	10PZ22C	PWC	73-158			
5E2130D5	*SIE	91-134	6C9	SEM	229-31	6RS20VP15B	*GESY	239-92	10E29 38D.10.5	SIE	87-80	10PZ24.A.B.D	PWC	74-146			
5E2130D10	*SIE	91-135	6CC11	TOSJ	123-49	6RS20VP16B	*GESY	239-93	10E29 39D.10.5	SIE	88-76	10PZ24C	PWC	74-147			
5E2130D	*SIE	91-136	6DC11	TOSJ	126-20	6RS20VP17B	*GESY	239-94	10E29 40D.10.5	SIE	89-60	10PZ27.A.B.D	PWC	76-75			
5E2140D5	*SIE	92-72	6FC11	TOSJ	130-8	6RS20VP18B	*GESY	239-95	10E29 41D.10.5	SIE	89-128	10PZ27C	PWC	76-76			
5E2140D10	*SIE	92-73	6G8	AEIL	141-2	6RS20VP19B	*GESY	239-96	10E29 42D.10.5	SIE	90-77	10PZ30.A.B.D	PWC	77-94			
5E2140D	*SIE	92-74	6GC11	TOSJ	134-57	6RS20VP20B	*GESY	239-97	10E29 43D.10.5	SIE	91-37	10PZ30C	PWC	77-95			
5E2150D5	*SIE	93-34	6HC11	TOSJ	138-52	6RS20VP21B	*GESY	239-98	10E29 44D.10.5	SIE	91-141	10PZ33.A.B.D	PWC	78-93			
5E2150D10	*SIE	93-35	6JUS3 24A.B	PWC	51-67	6RS20VP22B	*GESY	239-99	10E29 45D.10.5	SIE	92-76	10PZ33C	PWC	78-94			
5E2150D	*SIE	93-134	6JUS3 70A.B	PWC	52-50	6RS20VP23B	*GESY	239-100	10E29 46D.10.5	SIE	93-41	10PZ36.A.B.D	PWC	79-53			
5E2160D5	*SIE	93-135	6JUS3 90A.B	PWC	53-55	6RS20VP24B	*GESY	239-101	10E29 47D.10.5	SIE	93-140	10PZ36C	PWC	79-54			
5E2160D10	*SIE	93-136	6JUS3 38A.B	PWC	53-56	6WM1	CDWF	122-19	10E29 48D.10.5	SIE	94-74	10PZ39.A.B.D	PWC	80-13			
5E2160D	*SIE	94-9	6JUS4 57A.B	PWC	53-66	6WM2	CDWF	127-11	10E29 49D.10.5	SIE	95-29	10PZ39C	PWC	80-14			
5E2170D5	*SIE	94-10	6KC11	TOSJ	145-80	6WM3	CDWF	135-58	10E29 50D.10.5	SIE	95-156	10PZ43.A.B.D	PWC	80-148			
5E2170D10	*SIE	94-11	6LC11	TOSJ	148-68	6WM4	CDWF	143-42	10E29 51D.10.5	SIE	130-24	10PZ43C	PWC	80-149			
5E2170D	*SIE	95-22	6MC11	TOSJ	151-2	6WM5	CDWF	149-42	10E29 52D.10.5	SIE	152-45	10PZ47.A.B.D	PWC	81-153			
5E2180D5	*SIE	95-23	6NC11	TOSJ	153-75	6WM6	CDWF	154-36	10E29 53D.10.5	SIE	134-73	10PZ47C	PWC	81-154			
5E2180D10	*SIE	95-24	6RM38	MISI	171-92	6WM7	CDWF	157-92	10E29 54D.10.5	SIE	138-71	10PZ51.A.B.D	PWC	82-146			
5E2180D	*SIE	95-57		THCF		6RS20	INR	211-46	10E29 55D.10.5	SIE	117-70	10PZ51C	PWC	82-147			
5E2190D5	*SIE	95-58	6RM42	MISI	172-83		INR		10E29 56D.10.5	SIE	117-71	10PZ56.A.B.D	PWC	83-158			
5E2190D10	*SIE	95-59		THCF		7JUS3 78A.B	INR		10E29 57D.10.5	SIE	142-68	10PZ56C	PWC	83-159			
5E2190D	*SIE	95-59		THCF		7JUS4 31A.B	INR		10E29 58D.10.5	SIE	53-174	10PZ62.A.B.D	PWC	84-151			
5E2200D5	*SIE	95-150	6RM48	MISI	173-17	7JUS4 31A.B	PWC	53-53	10E29 59D.10.5	SIE	55-70	10PZ62C	PWC	84-152			
5E2200D10	*SIE	95-151		THCF		7JUS4 55A.B	PWC	53-65	10E29 60D.10.5	SIE	56-149	10PZ68.A.B.D	PWC	85-128			
5E2200D	*SIE	95-152	6RM56	MISI	174-15	7JUS5 11A.B	PWC	54-80	10E29 61D.10.5	SIE	58-22	10PZ68C	PWC	85-129			
5F10	INRJ	121-89		THCF		7JUS5 33A.B	PWC	54-88	10E29 62D.10.5	SIE	59-39	10PZ75.A.B.D	PWC	86-93			
5F15	INRJ	123-58	6RM64	MISI	174-88	7UV10	CLA	229-32	10E29 63D.10.5	SIE	145-100	10PZ75C	PWC	86-94			
5F20	INRJ	126-53		THCF		8AN20	*WESI	126-41	10E29 64D.10.5	SIE	148-92	10PZ82.A.B.D	PWC	87-81			
5F25	INRJ	128-61	6RM72	MISI	175-63	8AN30	*WESI	130-46	10E29 65D.10.5	SIE	51-136	10PZ82C	PWC	87-82			
5F30	INRJ	130-47		THCF		8AN40	*WESI	134-101	10E29 66D.10.5	SIE	52-46	10PZ91.A.B.D	PWC	88-77			
5F40	INRJ	134-102	6RS1DH4	GESY	97-39	8AN50	*WESI	138-98	10E29 67D.10.5	SIE	70-60	10PZ91C	PWC	88-78			
5F50	INRJ	138-99	6RS1DH6	GESY	97-40	8AN60	*WESI	142-96	10E29 68D.10.5	SIE	75-70	10PZ100.A.B.D	PWC	89-61			
5F60	INRJ	142-97	6RS5SJ5B5	*GESY	239-12	8AN80	*WESI	149-7	10E29 69D.10.5	SIE	51-16	10PZ100C	PWC	89-62			
5F80	INRJ	149-8	6RS5SP1B1	*GESY	239-13	8AN100	*WESI	154-4	10E29 70D.10.5	SIE	1-29	10PZ110.A.B.D	PWC	90-78			
5G1	EDI	152-25	6RS5SP2B2	*GESY	239-14	8AN120	*WESI	157-71	10E29 71D.10.5	SIE	61-30	10PZ110C	PWC	90-79			
5G2	EDI	165-99	6RS5SP3B3	*GESY	239-15	8AN140	*WESI	160-9	10E29 72D.10.5	SIE	1-5-106	10PZ120.A.B.D	PWC	91-38			
5G3	EDI	170-36	6RS5SP4B4	*GESY	239-16	8AN160	*WESI	162-96	10E29 73D.10.5	SIE	165-107	10PZ120C	PWC	91-39			
5G4	EDI	171-110	6RS5SP5B5	*GESY	239-17	8C1	*COGF	122-44	10E29 74D.10.5	SIE	198-102	10PZ130.A.B.D	PWC	91-142			
5G5	EDI	173-28	6RS5SP6B6	*GESY	239-18	8C2	*COGF	127-41	10E29 75D.10.5	SIE	168-103	10PZ130C	PWC	91-143			
5G6	EDI	173-82	6RS5SP7B7	*GESY	239-19	8C4	*COGF	135-101	10E29 76D.10.5	SIE	170-46	10PZ150.A.B.D	PWC	93-42			
5JUS2.70A.B	PWC	51-13	6RS5SP8B8	*GESY	239-20	8C6	*COGF	143-74	10E29 77D.10.5	SIE	170-47	10PZ150C	PWC	93-43			
5JUS3.08A.B	PWC	51-65	6RS5SP9B9	*GESY	239-21	8C8	*COGF	149-73	10E29 78D.10.5	SIE	171-41	10PZ160.A.B.D	PWC	93-141			
5JUS3.25A.B	PWC	51-88	6RS5SP10B10	*GESY	239-22	8C10	*COGF	154-55	10E29 79D.10.5	SIE	171-42	10PZ160C	PWC	93-142			
5JUS3.65A.B	PWC	52-48	6RS5SP11B11	*GESY	239-23	8C12	*COGF	158-4	10E29 80D.10.5	SIE	172-11	10PZ180.A.B.D	PWC	95-30			
5JUS3.81A.B	PWC	52-56	6RS5SP12B12	*GESY	239-24	8C14	*COGF	160-28	10E29 81D.10.5	SIE	172-12	10PZ180C</					

1. TYPE No. CROSS INDEX

IN TYPE NUMBER SEQUENCE

TYPE No.	MFRS	Pg&Line	TYPE No.	MFRS	Pg&Line	TYPE No.	MFRS	Pg&Line	TYPE No.	MFRS	Pg&Line	TYPE No.	MFRS	Pg&Line	TYPE No.	MFRS	Pg&Line
10RZ30C	PWC	77-97	15C1	COGF	122-59	20A1	INRB	125-91	20N85A9	EDL	176-59	25N15A	EDL	181-50	20R3P	SAR	126-80
10RZ33A,B,D	PWC	78-95	15C2	COGF	127-62	(cont)	INRJ		20N85A	EDL	176-60	25N20A9	EDL	186-19	20S1	DII	120-108
10RZ33C	PWC	78-96	15C2#	DII	125-68	20A2	INRB		20N90A9	EDL	176-102	25N20A	EDL	186-20	20S2	DII	125-81
10RZ36A,B,D	PWC	79-55	15C2A	COGF	127-63	20A3	INRB		20N90A	EDL	176-103	25N25A9	EDL	186-3	20S3P	SAR	127-2
10RZ36C	PWC	79-56	15C2B	COGF	127-63	20A4	INRB		20N95A9	EDL	177-22	25N25A	EDL	186-4	20S4	DII	134-4
10RZ39A,B,D	PWC	80-15	15C4	COGF	136-11	20A5	INRB		20N95A	EDL	177-23	25N30A9	EDL	186-5	20S5	DII	134-4
10RZ39C	PWC	80-16	15C4A	COGF	136-11	20A6	INRB		20N100A9	EDL	177-79	25N30A	EDL	186-6	20S6	DII	134-4
10RZ43A,B,D	PWC	80-150	15C4B	DII	133-101	20A7	INRB		20N100A	EDL	177-80	25N35A9	EDL	186-7	20T3P	SAR	127-24
10RZ43C	PWC	80-151	15C5	DII	118-20	20A8	INRB		20N110A	EDL	178-16	25N35A	EDL	186-8	20V3P	SAR	127-49
10RZ47A,B,D	PWC	81-155	15C6	COGF	143-99	20A9	INRB		20N120A	EDL	178-52	25N40A9	EDL	186-9	20W3P	SAR	127-64
10RZ47C	PWC	81-156	15C6A	DII	141-90	20A10	INRB		20N130A	EDL	178-74	25N40A	EDL	186-10	20X3P	SAR	127-72
10RZ51A,B,D	PWC	82-148	15C6B	COGF	143-100	20A11	INRB		20N140A	EDL	178-95	25N45A9	EDL	186-11	20Y3P	SAR	127-87
10RZ51C	PWC	82-149	15C8	COGF	149-92	20A12	INRB		20N150A	EDL	179-15	25N45A	EDL	186-12	20Z6A	THCF	58-145
10RZ56A,B,D	PWC	83-160	15C10	COGF	154-73	20A13	INRB		20N160A	EDL	179-43	25N50A9	EDL	186-13	20Z6A,AF	MISI	58-146
10RZ56C	PWC	83-161	15C12	COGF	158-19	20A14	INRB		20N170A	EDL	179-61	25N50A	EDL	186-14	20Z6F,AF	THCF	58-146
10RZ62A,B,D	PWC	84-153	15C14	COGF	160-40	20A15	INRB		20N180A	EDL	179-85	25N55A9	EDL	186-15	20Z8	SAR	128-24
10RZ62C	PWC	84-154	15C16	COGF	163-12	20A16	INRB		20N190A	EDL	179-100	25N55A	EDL	186-16	21Z6A	THCF	60-13
10RZ68A,B,D	PWC	85-130	15GS1	ERI	121-73	20A17	INRB		20N200A	EDL	180-16	25N60A9	EDL	186-17	21Z6F,AF	MISI	60-14
10RZ68C	PWC	85-131	15GS2	ERI	126-55	20A18	INRB		20N210A	EDL	180-36	25N60A	EDL	186-18	22P1	THCF	106-19
10RZ75A,B,D	PWC	86-95	15GS4	ERI	134-104	20A19	INRB		20N220A	EDL	180-50	25N65A9	EDL	186-19	22R4	THCF	127-38
10RZ75C	PWC	86-96	15GS6	ERI	142-98	20A20	INRB		20N230A	EDL	180-66	25N65A	EDL	186-20	22Z6A	THCF	61-142
10RZ82A,B,D	PWC	87-83	15GS8	ERI	149-9	20A21	INRB		20N240A	EDL	180-81	25N70A9	EDL	186-21	22Z6F,AF	MISI	61-143
10RZ82C	PWC	87-84	15GS10	ERI	154-7	20A22	INRB		20N250A	EDL	180-102	25N70A	EDL	186-22	23R2	THCF	130-68
10RZ91A,B,D	PWC	88-79	15GS12	ERI	157-73	20A23	INRB		20N260A	EDL	181-11	25N75A9	EDL	186-23	23Z6A	THCF	63-34
10RZ91C	PWC	88-80	15J2	THCF	137-52	20A24	INRB		20P10	COGF	154-15	25N75A	EDL	186-24	23Z6F,AF	MISI	63-35
10RZ100A,B,D	PWC	89-63	15J2F	THCF	137-53	20A25	INRB		20R2	MISI	118-93	25N80A9	EDL	186-25	24S04	THCF	136-47
10RZ100C	PWC	89-64	15N15A9	EDL	161-37	20A26	INRB		20R3P	THCF		25N80A	EDL	186-26	24S06	HSC	144-20
10RZ110A,B,D	PWC	90-80	15N15A	EDL	161-38	20A27	INRB		20S1	DII	120-108	25N85A9	EDL	186-27	24S08	HSC	150-4
10RZ110C	PWC	90-81	15N20A9	EDL	166-5	20A28	INRB		20S2	DII	125-81	25N90A9	EDL	186-28	24S10	HSC	154-94
10RZ120A,B,D	PWC	91-40	15N20A	EDL	166-6	20A29	INRB		20S3P	SAR	127-2	25N90A	EDL	186-29	24S12	HSC	158-32
10RZ120C	PWC	91-41	15N30A9	EDL	170-54	20A30	INRB		20S4	DII	134-4	25N95A9	EDL	186-30	24S16	HSC	160-56
10RZ130A,B,D	PWC	91-144	15N30A	EDL	170-55	20A31	INRB		20S5	DII	134-4	25N95A	EDL	186-31	24Z6A	THCF	64-50
10RZ130C	PWC	91-145	15N35A9	EDL	171-44	20A32	INRB		20S6	DII	134-4	25N95A	EDL	186-32	24Z6F,AF	MISI	64-51
10RZ150A,B,D	PWC	93-44	15N35A	EDL	171-45	20A33	INRB		20T3P	SAR	127-24	25N100A9	EDL	186-33	25AN20	WESI	127-18
10RZ150C	PWC	93-45	15N40A9	EDL	172-20	20A34	INRB		20V3P	SAR	127-49	25N100A	EDL	186-34	25AN30	WESI	131-1
10RZ160A,B,D	PWC	93-143	15N40A	EDL	172-21	20A35	INRB		20W3P	SAR	127-64	25N120A	EDL	186-35	25AN40	WESI	135-55
10RZ160C	PWC	93-144	15N45A9	EDL	172-90	20A36	INRB		20X3P	SAR	127-72	25N130A	EDL	186-36	25AN50	WESI	139-39
10RZ180A,B,D	PWC	95-32	15N45A	EDL	172-91	20A37	INRB		20Y3P	SAR	127-87	25N140A	EDL	186-37	25AN60	WESI	143-40
10RZ180C	PWC	95-33	15N50A9	EDL	173-43	20A38	INRB		20Z6A	THCF	58-145	25N150A	EDL	186-38	25AN80	WESI	149-40
10RZ200A,B,D	PWC	95-159	15N50A	EDL	173-44	20A39	INRB		20Z6A,AF	MISI	58-146	25N160A	EDL	186-39	25AN100	WESI	154-34
10RZ200C	PWC	96-1	15N55A9	EDL	173-98	20A40	INRB		20Z6F,AF	THCF	58-146	25N160A	EDL	186-40	25AN120	WESI	157-90
10RZ220A,B,D	PWC	96-30	15N55A	EDL	173-99	20A41	INRB		20Z8	SAR	128-24	25N170A	EDL	186-41	25AN140	WESI	160-18
10RZ220C	PWC	96-31	15N60A9	EDL	174-39	20A42	INRB		20Z6A	THCF	60-13	25N180A	EDL	186-42	25AN160	WESI	162-105
10S3P	SAR	122-10	15N80A	EDL	174-40	20A43	INRB		21Z6A	THCF	60-13	25N190A	EDL	186-43	25ANS	WESI	135-56
10SC1	SET	121-84	15N85A9	EDL	174-95	20A44	INRB		21Z6F,AF	MISI	60-14	25N200A	EDL	186-44	25C1	COGF	122-75
10SC2	SET	126-71	15N65A	EDL	174-96	20A45	INRB		22P1	THCF	106-19	25N210A	EDL	186-45	25C2	COGF	127-86
10SC3	SET	130-63	15N70A9	EDL	175-27	20A46	INRB		22R4	THCF	127-38	25N220A	EDL	186-46	25C4	COGF	136-53
10SC4	SET	135-5	15N70A	EDL	175-28	20A47	INRB		22Z6A	THCF	61-142	25N230A	EDL	186-47	25C6	COGF	144-22
10SC05	SET	118-89	15N75A9	EDL	175-72	20A48	INRB		22Z6F,AF	MISI	61-143	25N240A	EDL	186-48	25C8	COGF	150-6
10SC6	SET	142-105	15N75A	EDL	175-73	20A49	INRB		23R2	THCF	130-68	25N250A	EDL	186-49	25C10	COGF	154-96
10T3P	SAR	122-29	15N80A9	EDL	176-16	20A50	INRB		23Z6A	THCF	63-34	25N260A	EDL	186-50	25C12	COGF	158-33
10V3P	SAR	122-50	15N80A	EDL	176-17	20A51	INRB		23Z6F,AF	MISI	63-35	25P5	INRB	186-51	25C14	COGF	160-67
10W3P	SAR	122-60	15N85A9	EDL	176-57	20A52	INRB		24S04	THCF	136-47	25P10	INRB	186-52	25C16	COGF	163-18
10WM1	CDWF	122-42	15N85A	EDL	176-58	20A53	INRB		24S06	HSC	144-20	25P20	INRB	186-53	25C18	COGF	164-109
10WM2	CDWF	127-39	15N90A9	EDL	176-99	20A54	INRB		24S08	HSC	150-4	25P30	INRB	186-54	20F10	INRB	121-98
10WM4	CDWF	135-97	15N90A	EDL	176-100	20A55	INRB		24S10	HSC	154-94	25P40	INRB	186-55	20F20	INRB	126-85
10WM6	CDWF	143-71	15N95A9	EDL	177-20	20A56	INRB		24S12	HSC	158-32	25P50	INRB	186-56	20F30	INRB	130-79
10WM8	CDWF	149-69	15N95A	EDL	177-21	20A57	INRB		24S16	HSC	160-56	25P60	INRB	186-57	20F40	INRB	135-18
10WM10	CDWF	154-51	15N100A9	EDL	177-74	20A58	INRB		24Z6A	THCF	64-50	25P70	INRB	186-58	20F50	INRB	139-13
10X3P	SAR	122-66	15N100A	EDL	177-75	20A59	INRB		24Z6F,AF	MISI	64-51	25P80	INRB	186-59	20F60	INRB	143-9
10Y3P	SAR	122-76	15N110A	EDL	178-15	20A60	INRB		25AN20	WESI	127-18	25P90	INRB	186-60	20F80	INRB	149-52
10ZB	SAR	123-7	15N120A	EDL	178-49	20A61	INRB		25AN30	WESI	131-1	25P100	INRB	186-61	20L	SAR	none
11J2	THCF	119-102	15N130A	EDL	178-73	20A62	INRB		25AN40	WESI	135-55	25P110	INRB	186-62	20L	SAR	none
11J2F	THCF	119-103	15N140A	EDL	178-94	20A63	INRB		25AN50	WESI	139-39	25P120	INRB	186-63	20L	SAR	none
11JUS5.94A,B	PWC	55-48	15N160A	EDL	179-60	20A64	INRB		25AN60	WESI	143-40	25P130	INRB	186-64	20L	SAR	none
11JUS6.78A,B	PWC	56-168	15N170A	EDL	179-84	20A65	INRB		25AN80	WESI	149-40	25P140	INRB	186-65	20L	SAR	none
11JUS7.15A,B	PWC	58-17	15N180A	EDL	179-85	20A66	INRB		25AN100	WESI	154-34	25P150	INRB	186-66	20L	SAR	none
11JUS8.03A,B	PWC	59-60	15N190A	EDL	179-99	20A67	INRB		25AN120	WESI	157-90	25P160	INRB	186-67	20L	SAR	none
11JUS8.38A,B	PWC	60-75	15N200A	EDL	180-15	20A68	INRB		25AN140	WESI	160-18	25P170	INRB	186-68	20L	SAR	none
11R2	THCF	121-82	15N210A	EDL	180-35	20A69	INRB		25AN160	WESI	162-105	25P180	INRB	186-69	20L	SAR	none
11Z4	THCF	53-62	15N220A	EDL	180-49	20A70	INRB		25ANS	WESI	135-56	25P190	INRB	186-70	20L	SAR	none
11Z6A	THCF	51-122	15N230A	EDL	180-65	20A71	INRB		25C1	COGF	122-75	25P200	INRB	186-71	20L	SAR	none
11Z																	

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30N15A	EDL	161-56	40C12	COGF	158-51	45L70	INR	146-41	50Z175D.10.5	SIE	94-78	64Z6.A	MISI	84-81			
30N20A9	EDL	166-28	40C14	COGF	160-89	INRB	INRJ		51X2	THCF	231-99		THCF				
30N20A	EDL	166-29	40C16	COGF	163-41		INRJ		51Z6.A	MISI	51-133	65J2	GESY	none			
30N25A9	EDL	169-9	40J2F	CDLF	133-6	45L90	INR	151-71		THCF			THCF				
30N25A	EDL	169-10	40LF	SAR	none	INRB	INRJ		52X2	THCF	231-100	Repl.by BYX60-500 Obs.					
30N30A9	EDL	170-79	Repl.by 1N1092A Cur.				INRJ		52Z4	THCF	54-101	65R2	THCF	138-72			
30N30A	EDL	170-80	40N15A9	EDL	161-59	45R2	THCF	138-53	52Z6.A	MISI	52-38	65R2S	THCF	138-73			
30N35A9	EDL	171-55	40N15A	EDL	161-60	45R2S	THCF	138-54		THCF		65Z6.A	MISI	65-132			
30N35A	EDL	171-56	40N20A9	EDL	166-35	47R2	THCF	145-81	53Z4	THCF	58-148		THCF				
30N40A9	EDL	172-41	40N20A	EDL	166-36	50D1	PWC	119-109	53Z6.A	MISI	52-125	66J2	GESY	none			
30N40A	EDL	172-42	40N25A9	EDL	169-13	50D2	PWC	124-71		THCF			THCF				
30N45A9	EDL	172-99	40N25A	EDL	169-14	50D4	PWC	132-92	54CAY	RTCF	104-61	Repl.by BYX60-600 Obs.					
30N45A	EDL	172-100	40N30A9	EDL	170-83	50D6	PWC	140-85	54Z4	THCF	59-56	66Z6.A	MISI	66-144			
30N50A9	EDL	173-64	40N30A	EDL	170-84	50D8	PWC	147-28	54Z6.A	MISI	53-42		THCF				
30N50A	EDL	173-65	40N35A9	EDL	171-58	50D10A	AFI	152-26		THCF		67J2	THCF	none			
30N55A9	EDL	173-105	40N35A	EDL	171-59		ASI		55Z4	THCF	62-68	Repl.by BYX60-700 Obs.					
30N55A	EDL	173-106	40N40A9	EDL	172-48	50D10#	PWC	152-50	55Z6.A	MISI	53-143	67J2A	THCF	145-13			
30N60A9	EDL	174-96	40N40A	EDL	172-49	50D12	PWC	158-92		THCF		67R2	THCF	145-101			
30N60A	EDL	174-97	40N45A9	EDL	172-103	50D14	PWC	159-82	56Z4	THCF	65-98	67Z6.A	MISI	67-93			
30N65A9	EDL	174-101	40N45A	EDL	172-104	50D15	AFI	181-27	56Z6.A	MISI	54-71		THCF				
30N65A	EDL	174-102	40N50A9	EDL	173-68		ASI			THCF		68Z6.A	MISI	88-98			
30N70A9	EDL	175-37	40N50A	EDL	173-69	50D16	PWC	162-66	57Z4	THCF	67-110		THCF				
30N70A	EDL	175-38	40N55A9	EDL	173-107	50D18	PWC	164-47	57Z6.A	MISI	55-20	70BN20	WESI	127-45			
30N75A9	EDL	175-79	40N55A	EDL	173-108	50D20A	AFI	165-102		THCF		70BN30	WESI	131-28			
30N75A	EDL	175-80	40N60A9	EDL	174-63		ASI		58Z6.A	MISI	56-32	70BN40	WESI	135-91			
30N80A9	EDL	176-28	40N60A	EDL	174-64	50D20#	PWC	166-41		THCF		70BN50	WESI	139-58			
30N80A	EDL	176-29	40N65A9	EDL	174-103	50D25	AFI	168-101	59Z6.A	MISI	57-121	70BN60	WESI	143-67			
30N85A9	EDL	176-83	40N65A	EDL	174-104		ASI			THCF		70BN80	WESI	149-64			
30N85A	EDL	176-84	40N70A9	EDL	175-39	50D30	AFI	170-39	60DE10	PWC	152-69	70BN100	WESI	154-46			
30N90A9	EDL	176-106	40N70A	EDL	175-40		ASI		60DE12	PWC	158-100	70BN120	WESI	158-1			
30N90A	EDL	176-107	40N75A9	EDL	175-82	50D40	AFI	172-3	60DE14	PWC	159-84	70BN140	WESI	160-26			
30N95A9	EDL	177-26	40N75A	EDL	175-83		ASI		60DE16	PWC	162-70	70BN160	WESI	162-110			
30N95A	EDL	177-27	40N80A9	EDL	176-31	50D50	AFI	173-31	60DE18	PWC	164-49	70BNS	WESI	135-92			
30N100A9	EDL	177-90	40N80A	EDL	176-32		ASI		60DE20	PWC	166-50	70F10	INRJ	122-74			
30N110A	EDL	178-18	40N85A9	EDL	176-65	50E1	PWC	119-110	60DE22	PWC	167-87	70F15	INRJ	123-110			
30N120A	EDL	178-55	40N85A	EDL	176-66	50E2	PWC	124-72	60DE24	PWC	168-62	70F20	INRJ	127-85			
30N130A	EDL	178-76	40N90A9	EDL	176-108	50E3	PWC	129-10	60DE25	PWC	169-19	70F25	INRJ	128-88			
30N140A	EDL	178-97	40N90A	EDL	176-109	50E4	PWC	132-93	60J2	THCF	none	70F30	INRJ	131-71			
30N150A	EDL	179-20	40N95A9	EDL	177-28	50E5	PWC	117-72	Repl.by BYX60-50 Obs.			70F40	INRJ	136-52			
30N160A	EDL	179-46	40N95A	EDL	177-29	50E6	PWC	137-59	60N15A9	EDL	161-66	70F50	INRJ	139-101			
30N170A	EDL	179-63	40N100A9	EDL	177-93	50E7	PWC	140-86	60N15A	EDL	161-67	70F60	INRJ	144-21			
30N180A	EDL	179-87	40N100A	EDL	177-94	50E8	PWC	145-18	60N20A9	EDL	166-48	70F80	INRJ	150-5			
30N190A	EDL	179-102	40N110A	EDL	178-19	50E9	PWC	147-29	60N20A	EDL	166-49	70F100	INRJ	154-95			
30N200A	EDL	180-19	40N120A	EDL	178-56	50E10	PWC	152-51	60N25A9	EDL	169-17	70R2	THCF	153-96			
30N210A	EDL	180-38	40N130A	EDL	178-77	50E12	PWC	156-93	60N25A	EDL	169-18	70RE130	none	none			
30N220A	EDL	180-52	40N140A	EDL	178-98	50E14	PWC	159-83	60N30A9	EDL	170-90	Repl.by 2N3098 Cur.					
30N230A	EDL	180-68	40N150A	EDL	178-22	50E16	PWC	162-67	60N30A	EDL	170-91	70S5	INR	119-45			
30N240A	EDL	180-83	40N160A	EDL	178-48	50E18	PWC	164-48	60N35A9	EDL	171-62		INRB				
30N250A	EDL	180-105	40N170A	EDL	179-64	50E20	PWC	166-42	60N35A	EDL	171-63		INRJ				
30N260A	EDL	181-13	40N180A	EDL	179-88	50K10	PPC	152-27	60N40A9	EDL	172-55	70S10	INR	122-78			
30P1	THCF	106-58	40N190A	EDL	179-103	50K20	PPC	165-103	60N40A	EDL	172-56		INRB				
30P4	THCF	106-109	40N200A	EDL	180-21	50K30	PPC	170-40	60N45A9	EDL	172-107		INRJ				
30R1	ERI	121-20	40N210A	EDL	180-39	50K40	PPC	172-4	60N45A	EDL	172-108	70S15	INR	124-3			
30R3	ERI	129-99	40N220A	EDL	180-53	50K50	PPC	173-32	60N50A9	EDL	173-72		INRB				
30R3P	SAR	130-72	40N230A	EDL	180-69	50N15A9	EDL	161-61	60N50A	EDL	173-73		INRB				
30R4	ERI	154-50	40N240A	EDL	180-84	50N15A	EDL	161-62	60N55A9	EDL	174-1	70S20	INR	127-90			
	THCF		40N250A	EDL	180-107	50N20A9	EDL	166-39	60N55A	EDL	174-2		INRB				
30R6	ERI	142-22	40R3P	SAR	135-13	50N20A	EDL	166-40	60N60A9	EDL	174-72		INRJ				
30R8	ERI	148-55	40S3P	SAR	135-46	50N25A9	EDL	169-15	60N60A	EDL	174-73	70S25	INR	128-90			
30R10	ERI	153-64	40SG1	ERI	100-15	50N25A	EDL	169-16	60N65A9	EDL	174-107		INRB				
30R12	ERI	157-52	40SG2	ERI	101-42	50N30A9	EDL	170-87	60N65A	EDL	174-108		INRJ				
30S3P	SAR	130-103	40SG3	ERI	102-13	50N30A	EDL	170-88	60N70A9	EDL	175-43	70S30	INR	131-77			
30T3P	SAR	131-16	40SG4	ERI	102-49	50N35A9	EDL	171-60	60N70A	EDL	175-44		INRB				
30V3P	SAR	131-42	40SG5	ERI	102-63	50N35A	EDL	171-61	60N75A9	EDL	175-87		INRJ				
30W3P	SAR	131-50	40SG6	ERI	102-73	50N40A9	EDL	172-51	60N75A	EDL	175-88	70S35	INR	132-58			
30X3P	SAR	131-60	40SG7	ERI	102-82	50N40A	EDL	172-52	60N80A9	EDL	176-38		INRB				
30Y3P	SAR	131-73	40SG8	ERI	102-85	50N45A9	EDL	172-105	60N80A	EDL	176-39		INRJ				
31P1	THCF	109-106	40V3P	SAR	135-75	50N45A	EDL	172-106	60N85A9	EDL	176-69	70S40	INR	136-60			
31P4	THCF	109-48	40V3P	SAR	135-108	50N50A9	EDL	173-70	60N85A	EDL	176-70		INRB				
31R2	MISI	122-14	40W3P	SAR	136-13	50N50A	EDL	173-71	60N90A9	EDL	177-2		INRJ				
	THCF		40X3P	SAR	136-30	50N55A9	EDL	173-109	60N90A	EDL	177-3	70S45	INR	137-27			
31Z6.A	THCF	51-70	40Y3P	SAR	136-54	50N55A	EDL	173-110	60N95A9	EDL	177-32		INRB				
32P4	THCF	110-71	40Z6A	THCF	58-30	50N60A9	EDL	174-66	60N95A	EDL	177-33		INRJ				
32Z6.A	THCF	51-145	41J2F	CDLF	140-105	50N60A	EDL	174-67	60N100A9	EDL	177-101	70S50	INR	139-106			
33P1	THCF	106-27	41Z6A	THCF	59-66	50N65A9	EDL	174-105	60N100A	EDL	177-102		INRB				
33Z6.A	THCF	52-59	42Z6.A	THCF	61-35	50N65A	EDL	174-106	60N110A	EDL	178-22		INRJ				
34Z6.A	THCF	52-151	43R2	THCF	130-9	50N70A9	EDL	175-41	60N120A	EDL	178-58	70S60	INR	144-33			
35H5	INR	119-7	43Z6.A	THCF	62-81	50N70A	EDL	175-42	60N130A	EDL	178-79		INRB				
	INRB		45AN30	WESI	131-27	50N75A9	EDL	175-85	60N140A	EDL	178-100		INRJ				
35H10	INRJ	122-13	45AN40	WESI	135-89	50N75A	EDL	175-86	60N150A	EDL	179-26	70S70	INR	146-80			
	INRB		45AN50	WESI	139-												