HP CROSS REFERENCE LISTS

INCLUDES:

1982 Batteries

1978/79 Transistors & Diodes 1981 Transistors & Diodes 1984 Transistors & Diodes 1987 Transistors & Diodes 1991 Transistors & Diodes

These cross-references were obtained from an HP publication, "Bench Briefs"

They have been scanned and made available by John Barnes

Battery Cross Reference

When selecting a replacement battery for your HP product, you may notice that your manual will list only an HP part number, even though it appears that this part is actually a standard battery. Service personnel often ask why only HP part numbers are used.

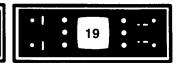
It is a form of quality control. By listing only HP part numbers we are recommending that HP replacement parts be used to ensure that original performance of the product be retained. While some batteries used in HP instruments are identical to those that can be purchased at a local electronics distributor, many batteries are either specially manufactured to HP specifications, not available over the counter, or mechanically altered to fit certain HP applications.

However, there may be situations when you have a dead battery and therefore a dead instrument, and HP replacement parts are either not in stock or will take a few days to obtain. In these cases it may be worthwhile to see if a substitute battery will work in the circuit. Perhaps an HP battery could be ordered and installed at some later date.

To help you in these situations, here's a list of batteries, their HP part numbers, and the manufacturer's name and part number.

			List of Battery Manufacturers			
	Number	Manufacturer	•	Number	Manufacturer	
	00029	Deac		05139	MacLeod & Handpol In-	c.
	01394	Gates Energy Products		05296	RCA Corp. Electronic C	Comp.
	01420	Burgess Inc.		05452	Globe Battery Div. Glob	
	01447	Gould Inc.		05469	Duracell International In	nc.
	01921	RCA Corp. Solid State Div.		05980	Aglo La Pile S A R L	
	02000	Muirhead Inst. Inc.		05987	Saft	
	02369	Gulton Battery Corp.		06195	Varta Battery AG	
	02413	Clevite Corp. Burgess Batt. Div.		06450	Yuasa Denki KK	
	02967	General Electric		06508	Japan Storage Battery	Co.
	03113	Eppley Lab Inc.		07230	Sonnenschein GMBH	
	03551	Castall Inc.		07245	Panasonic	
	03602	Sonotone GSD Marathon Battery		07371	Sanyo Electric Inc.	
	03941	Honeywell Inc.		08709	Panasonic	
	04135	Universal Products Inc.		08781	Catalyst Research Corp).
	04304	Union Carbide Corp.		08891	Power Conversion Inc.	Ino
	04781	Ray-O-Vac Div. ESB Inc.		09593 09839	Electrochem Industries	
	04910	Union Supply Co.		09039	Plainview Electronics C	orp.
HP P/N		NUMBER (1)(2) MFR P/N		HP P/N		(2) MFR P/N
1420-0001		01 420 H530B		1420-0033	04304	HE126
1420-0001 1420-0001		04304 H762S 04781 H709		1420-0033 1420-0034	05469 04304	HTR126 H504
1420-0002		01420 HZ30NX		1420-0035	01420	HY15
1420-0002 1420-0002		04304 IW-350 04781 H711		1420-0035 1420-0036	04304 04304	H505 H416
1420-0003		01420 H210		1420-0037	04304	H457
1420-0003 1420-0003		04304 H1150 05469 IM-13X		1420-8838 1420-8038	03941 05469	H362366 H302651
1420-0004		01420 HHG-3R		1420-0039	05469	HTR-132R
1420-0004		05469 HRM-3R 05469 HTR-233R-316469		1420-0040 1420-6041	05 469 05 469	HTR-135-R Hrm4r
1420-0006		05469 HTR234R		1420-9942	05469	H316295 TYPE RMIR
1420-0007 1420-0007		02369 HW-4200 20-PC20 MOD- 03602 HSPEC. P/N23191		1420-0044 1420- 00 44	03551 0 5139	N H
1420-0008		03602 HP/N 23957		1420-8045 1420-8047	05139 03113	H Hmin i
1420-0009 1420-0009		01447 H401108 02967 H418001R017G1		1420-0048	02000	HD-845-C
1420-0010		05469 HTR 235R-316469		1420-8049 1420-0049	81447 04304	HCD25 175671
1420-0011 1420-0012		03602 H26042-5 03602 H10-20H120		1420-0050	05469	HRM415
1420-0014		01447 H403279		1420-0051 1420- 665 2	03113 05469	H100 A HRN42R
1420-0014 1420-0015		02967 H41B004AA17 01447 H400703-049		1420-0053	02369	I20R200
1420-0015		04304 IS-8225T		1420-0053 1420- 6 053	02413 02967	IMP607W HPPS2677R4
1420-0016 1420-0017		05469 HRM12RT-2 05469 HTR-236R-316469		1420-0053	05987	120R200
1420-0018		04304 IE-630T		1420-0054 1420-0054	01447 04304	H7.2V/225B HY5637
1420-0018 1420-0019		05469 НРХ-1372 01447 н		1420-0055	04304	17-5511
1420-0019		02967 H41B004RE01 05469 HRM-12-R		1420-0057 1420-0057	04304 05469	IE 302905 I 302905
1420-0020 1420-0021		05469 HRM-12+R 04304 HE 233		1420-0058	04304	HE-91
1420-0021 1420-0022		05469 HTR-233 01420 HTW1		1420-0058 1420-0059	04781 81447	H815 H402517
1420-0022		01921 HVS-317		1420-0060	01447	H
1420-0022		04304 H731 05469 IN 918		1420-0061 1420-0062	05469 01447	HPX-1 H405017
1420-0023		04304 HE-9		1420-0062	02967	H418001R018G1
1420-0023 1420-0024		05469 HZM-9 04304 HE-12		1420-0063 1420-0064	04304 00029	H509 H1000DKZ
1420-0025		04304 HE-42N		1420-0065	04304	H935
1420-0025 1420-0026		05469 HRM-42R 01420 HM30		1420-0065 1420-0066	04781 01447	H1C H402908
1420-0026		04304 HNO. 482		1420-0067	01447	HF4P1
1420-0027		05469 HRM 401		1420-0067	01921	HVS-009 H744
1420-0028 1420-0029		05469 HTR-164 04304 HE 216		1420-0067 1420-0067	04304 05469	H/44 IM-6
1420-0030		01921 HVS102	Notes:	1420-0068	05469	HTR-115R
1420-0030 1420-0031		04304 H763 04304 HE146X		1420-0069 1420-0069	01420 04304	HH-114R IE-114
1420-0031		05469 HTR146X	1 Replacement P/N	1420-0069	05469 01420	HTR-114R H5540
1420-0032		05469 HTR-289	2 Status; H = active	1420-0070	01420	n=070

HP P/N	MFR NUMBER 1 2 MFR P/N		115 B (A)	MFR	26
1420-0071	01420 HMN6		HP P/N	NUMBER (1	(2) MFR P/N
1420-0071 1420-0073	04304 H1222 01921 HVS074		1420-0228	05452 R	
1420-0073	04304 H912		1420-0229 1420-0230	02967 05 4 52	H418905CD20G1 HGC-645-1-8HP
1420-0073 1420-0073	04304 R H912 04781 H400		1420-0231 1420-0232	05452 04910	HGC-645-1-B
1420-0073	04781 R H400		1420-0233	01394	H0810-0011
1420-0073 1420-0073	05469 IM-24F 05469 R HM-24F		1420-0233 1420-0234	02967 04135	H478025CD02001
1420-0074 1420-0076	04781 H2D		1420-0235	02967	H
1420-0077	06450 H12N9-4B 01447 HCD29		1420-0236 1420-0237	04304 02967	H357 H4180408#00901
1420-0078 1420-0079	04304 HEVEREADY E92 05469 HMN1400		1420-0238 1420-0238	02967	H418905E052G1
1420-0080	06450 HB72-12		1420-0238	04304 07371	HN4448 H4N-450AAF
1420-0081 1420-0082	02967 HPPS 0850 04304 H522-VP		1420-0239 1420-0240	01447 05469	H6 I G NB P HT R - 286
1420-0082 1420-0083	05469 HMN1604 01420 HN60		1420-0241	01447	HF4BP
1420-0083	04304 H490		1420-0241 1420-0242	04304 01447	M510S HK10
1420-0084 1420-0084	01447 H 04304 HNV-134		1428-8242	04304	H417
1420-0085	01447 H401997		1420-0243 1420-0243	01447 94304	H402037-005 HN4475
1420-0086 1420-0087	05469 ITR-118 01420 HL6		1420-0244 1420-0245	02967 05469	H41B001CD39G1 H303386
1428-0087 1420-0088	04304 H206 04304 HCH15VP		1420-0245	05469 R	HPX 675
1420-0088	05980 HAFO.5R6CF		1420-0246 1420-0247	04304 02967	HEVEREADY 1209
1420-0088 1420-0089	05987 HVRO.5AA 01420 H532		1420-0247	05987	H
1420-0090	01420 H410		1420-0249 1428-0250	01394 02967	H0800-0079 H4180208E00201
1420-0090 1420-0091	04304 H735 02967 H418905C010G1		1420-0251 1420-0251	01447 02967	H 495 313 HK 02A1 13AA-GT1
1420-0091 1420-0092	04304 HN4175 01447 HPB 690		1420-0252	02967	H4189058029
1420-0093	05469 HTR146X		1420-0252 1420-0252	04304 07371	HN4552 H2N-450AAF
1420-0094 1420-0094	02967 H418001J015 04304 HN4428		1420-0253	01394	H0800-0011
1420-0095 1420-0095	02967 H418001JD14		1420-0253 1420-0254	01394 R 04304	H0800-0011 HEPX4
1420-0096	04304 HN4427 01447 H402636		1420-8254 1420-8254	04781 05469	HRPX4 HPX4
1420-0096 1420-0097	02967 H41B001TD08G1 02967 H26CW3.5ST		1420-0255	04304	HE90
1420-0097	04304 HN4426		1420-0255 1420-0255	04304 R 05469	HE90 HMN9100
1420-0098 1420-0099	02967 H 06508 HPE7-6		1420-0255 1420-0256	05469 R	HMM9100
1420-0100	02369 HBR010+ 1/3 AA		1420-0256	04781 84781 R	HT3126 HT3126
1420-0100 1420-0123	02967 H41B901J001G1 07230 H90312 3G x 3S		142 9- 0256 1420-0256	05469 05469 R	H10L125 H10L125
1420-0201 1420-0201	02369 H8R010+ 1/3AA 02967 H418901JD0161		1420-0257	02967	H418903ED13-1
1420-0202	01447 H403059		1420-0257 1420-0258	02967 R 02967	H418903ED13-1 H418013AE00101
1420-0202 1420-0202	02967 H418004ED1461 04304 HN4248		1920-0259 1920-0259	05469	HTR133
1420-0203	01447 H403060		1420-0260	85469 R 81447	HTR133 H484544
1420-0203 1420-0203	02967 H418004ED1361 04304 HN4239		1420-0260 142 0-0 260	02967 02967 R	H418013AG00401 HTR880SD1
1420-0204 1420-0205	01447 H403280-003 01447 HMP702W		1420-0261	05469	HRM401R
1420-0206	02967 H418004KD27G1		142 0-0 261 1420-0262	05469 R 01394	HRM401R H0810-0016
1420-0207 1420-0207	01447 H405029 02369 ITYPE 5R200		1420-0262 142 0- 0262	01394 R 02967	H0810-0016
1420-0207 1420-0208	02967 H41B002F014-61		1420-0262	02967 R	H478025FC03 H478025FC03-1
1420-0208	05452 HGC-680-1 07230 H3FX5S		1428-0263 1420-0263	01394 01394 R	H0810-0004 H0810-0004
1420-0209 1420-0210	01447 H402855 06508 HPE 4-6-A		1420-0263	02967	H0225
1420-0210	06508 R HPE 4-6-A		1420-0264 1420-0264	02967 02967 R	H418013AD00201 (DS3GT) H418013AD00201 (DS3GT)
1420-0211 1420-0212	02967 HPPS2047 01447 H405167		1420-0265 1420-0265	04304 05296	HE1+E1N HVS143
1420-0212 1420-0212	02369 HR190ST 02369 R HR190ST		1420-0265	05469	HRM1
1420-0212	02967 HGCT1.5ST		1428-8266 1428-8267	82967 82967	H41B020A600401 H41B017A600101
1420-0212 1420-0212	02967 R HGCT1-5ST 04304 HCH1-8 T		1420-0268 1420-0269	02 967	HDS3GT
1420-0212	04304 R HCH1.8T		1420-0270	01394 02967	H0810-0142 H418020A800201
1420-0213 1420-0213	02967 H 04384 н		1420-8271 1428-0272	02967 02967	HDS350 H418020AD00501
1428-8214 1428-0214	01420 нд 04304 н915		1420-0272	04 304	н
1420-6214	05296 HVS034A		1420-0272 1420-0273	07371 08709	H HBR-2/3AF1
1420-0215 1420-0215	05452 HGC660-1A 05452 R HGC660-1A		1420-0274	06450	H5/225FZ
1420-0216 142 0-0 216	02369 H10R400		1420-0275 1420-0276	08781 01447	H3440 H1.0SCB
1420-0217	02967 H106CW3.5SY 02967 H418020A800201		1420-0276 1420-0277	06709 08891	HNR 2/3C
1420-8217 1420-0217	04304 IN4292 06195 I500RS		1420-0278	08891	H400S PC H89511
1420-0217	07371 IN-450AAF		1420-0279 1420-0279	01 447 02 967	н н
1420-0218 1428-0220	06195 H5/225 DK2 02967 H418038AE00301		1420-0280	01447	HPOLYTENP 404040-001
1428-8221 1428-8222	02967 H41B0208A00101		1420-0280 1420-0281	02967 08781	HGOLD TOP 418905AD04-2 H2736
1420-0222	04304 H732		1420-6282 1420-0283	02967 05469	HKO3A113AAGT1 HTR175
1420-0222 1420-0222	04304 R H732 04781 H926		1420-0284	01447	H
1420-0222	04781 R H926		1420-0284 1420-0285	02967 01447	Н Н
1420-0222 1420-0222	05296 H¥S342 05296 R H¥S342		1420-0285	02967	H
1428-8223 1428-8224	01394 H0800-0017		1420-0286 1420-0287	01394 08709	H0800-0177 HLCR-306P
1420-0224	04304 HE95		1420-0288 1420-0289	02967 02967	HGCT 1.8 ST HK048-111-44-GT1
1420-0224 1420-0224	04304 R HE95 05469 HMN-1300		1420-0298	04304	HA-16
1428-0224	05469 R HMM-1300		1420-0291 1420-0292	04781 05469	H1604 HMP146
1420-0225 1420-0225	01420 HU-20 04304 H413		1420-0293	08891	H400S
1420-0225 1420-0225	04304 R H413		1428-0294 1420-0295	02967 04304	H418020AH00201 HN4292
1420-0225	05469 R HM-210		1420-0295 1420-0296	07371 09593	HN-450AAF H3B64-TC-1/2 GRAM LI
1420-0226 1420-0226	05452 HGC12200-8 05452 R HGC12200-8	Notes:	1420-0297	01394	H0800-0192
1420-0227	02967 H418001ED69G1	1 Replacement P/N	1420-0298 1420-0299	08709 08709	HBR 2/3 AP1 HHM-2P-F1
1420-0227 1420-0228	04304 HN4399 05452 HGCl215-1-B	2 Status; H = active	1420-0300 1420-0574	07245	HBR-2/3A WITH 1-1/2 IN LEADS
	·	- 310103, 11 - 001146	1450-0314	02967	HXGCK 130 ST



Transistors and Diodes

Replacement Part Cross Reference

When selecting replacement parts for your HP products, you may notice that many manuals list only an HP part number for the part, even though it appears that this part is manufactured by one of the large semiconductor manufacturers. Service personnel often ask why only HP part numbers are listed.

It is recommended that HP replacement parts be used to ensure that original performance of the product will be retained. While some parts used in HP instruments are identical to those that can be purchased at

JEDEC NO.

HP P/N

a local electronics distributor, many times parts will be selected for certain characteristics, such as gain, bandwidth, capacitance, etc. There may also be slight mechanical differences, such as the shaping or length of leads. In some cases special quality checks are used to ensure that high reliability parts are used at the factory and at HP field offices.

Therefore, we suggest obtaining replacement parts from HP to maintain the quality that you have paid for in your instrument. There may

be situations however where HP replacement parts are not in stock and substituting parts will allow you to return the product to service immediately. In these cases it may be worthwhile to see if a substitute part will work in the circuit. Perhaps an HP part could be ordered and installed at some later date.

To help you in these situations, here's a cross-reference of HP part numbers to JEDEC numbers for transistors and diodes.

```
0122-0005 --
               1N4810
                           1853-nn59 --
                                          2N3791
                                                       1853-0360 --
                                                                      2N37994
                                                                                   1854-0053 --
                                                                                                   2N2218
                                                                                                               1854-0302 --
                                                                                                                             *2N3405
                                         #2N3645
0122-0017
               1 N4 9 6 4
                           1853-0062
                                                                                   1854-0057
                                                                                                   2N3855A
                                                                                                               1854-0304
                                                       1853-0370
                                                                       2N5782
                                                                                                                              2N2483
0122-0025
               1N4811A
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                           1853-0066
                                         #2N4250
                                                       1853-0371
                                                                       2N6107
                                                                                   1854-0060
                                                                                                   2N3565
                                                                                                               1854-030A
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                           1853-0069
                                                                                                   201701
                                                                                                                              2N4240
                                                       1853-0372
                                                                      285195
                                                                                   1854-0062
                                                                                                               1854-0311
0122-0070
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                           1853-0n71
                                          2N3494
                                                       1853-0373
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                                                                                                                              2N3771
                                                                      2N5022
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0122-0245
               1N5139
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                                                                                   1854-0064
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0122-0247
               1N5140
                           1853-0076
                                         #2N4062
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0122-0248
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                                                                                   1854-0072
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                                                       1853-0399
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                                                                                                               1854-0347
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                                                       1853-0405
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                                          #2N4355
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                                                                                   1854-0099
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                                                                      2N6049
                                                                                   1854-0201
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                                                                                                 #2N3390
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                           1853-0206
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                           1853-0213
                                           2N4236
                                                       1853-0419
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                                                                                                               1854-n371
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1850-0051
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                                                                      *2N4398
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                           1853-0221
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                                                                                   1854-0211
                                                                                                   202501
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                                                       1853-0422
                                                                      2N4033
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1850-0118
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                           1853-0223
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                                                       1853-0425
                                                                                                                              2N4348
                                                                      2N5883
                                                                                                               1854-0382
1850-0121
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                           1853-0236
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                                                                      2N4904
                                                                                                                              2N5184
                                                       1853-0426
                                                                                   1854-0214
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                                                                                                               1854-0384
1850-0126
               2N2869
                           1853-0258
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	1910-0025 1901-0060		- 1902-1226	1N5380B	1902-0934	*2N2714	1854-0027	2N3740	1853-0052
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	1901-0321		- 1901-0849	1N5554D	1902-0528	2N2905	1853-0282	2N3789	1853-0031
	1901-0002		- 1901-0732	1N5525C	1902-1260	2N2905A	1853-0314	2N3791	1853-0059
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	1902-1195 1902-0039		- 1902-1170 - 1902-1172	185616	1901-0962	2N2913	1854-0349	2N3809	1853-0269
	1902-1199		- 1902-1173	185812	1901-0765	SN2920	1854-0792	2N3819	1855-0040
	1901-0398		- 1902-0246	1N5817	1901-0868	2N2925	1854-0066	2N3824	1855-0224
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	1901-0306		- 1902-1178	1N5818	1901-0734	2N2946A	1853-0322 1854-0036	2N3866A	1854-0784
	1902-0763 1901-0151		- 1902-1183 - 1901-1101	1N5821 1N5823	1901-0782 1901-0726	2N2958 2N2972	1854-0411	2N3867	1853-0442
	1910-0041		- 1901-1098	1N5828	1901-0708	2N3013	1854-0267	2N3879	1854-0476
	1901-0383		- 1901-1052	1N5847A	1902-0640	2N3019	1854-0263	2N3899	1884-0219
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	1902-1219		- 1901-0493	2N708	1854-0005	2N3304	1853-0014	2N4033 2N4034	1853-0422 1853-0072
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15556 440		2N4923	1854-0347	2N519A	1855-0301	2N5875	1853-0305	2N6254	1854-0755
JEDEC NO.	HP P/N	204924	1854-0468	2N5210	1854-0409	285876	1853-0344	2N6258	1854-0576
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2011	1855-0309	2N4996	1854-0397	2N5333	1853-0349	2N5880	1853-0407	2N6282	1854-0671
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2N4443	-= 1884-0066	285115	1855-0402	205519	1855-0398	2N6055	1854-0611	2N6398	1884-0249
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284900	1853-0323	2N5179	1854-0345	285565	1855-0232	2N6071B	1884-0238	2N6429A	1854-0831
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2N491A	1853-0084	*2N5192	1854-0654	205671	1854-0793	*2N6162	1884-0237	3N138	1855-0332
204919	1853-0222	2N5193	1853-0236	2N5684	1853-0428	2N6168	1884-0251	3N145	1855-0357
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CHATCY	== 1634-0309		• • • • • • • • • • • • • • • • • • • •		· · - 				

Replacement FET's

Attention 5363A Owners

Original equipment 5363A Probe FET's (HP part no. 1858-0042) are becoming increasingly hard to purchase and now have an indefinite delivery time.

In the event your instrument requires a replacement FET, please order HP part no. 1858-0068.

CAUTION

This new FET is subject to the same static hazards as the old FET.

Some minor changes in equipment specifications occur due to this part change.

Trigger Level Accuracy (A&B)

 ± 8 mV ± 0.4 mV/°C $\pm .25\%$ of trigger point. (Old: ± 8 mV ± 0.4 mV/°C $\pm .15\%$ of trigger point.)

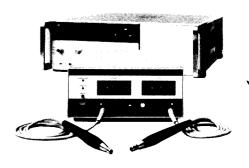
Differential Trigger Level Accuracy (A&B)

With both thumbwheels set to same value, actual trigger points will be within ± 3 mV $\pm 0.5\%$ of trigger point setting (old: ± 3 mV $\pm .3\%$).

Dynamic Range

Trigger levels can be set from -9.00 V to +9.99 V in 10 mV steps (old: -9.99 V to +9.99 V).

As a permanent update for your 5363A manual, please order service note 5363A-3. It contains all the new specifications.



Replacement Part Cross Reference

When selecting replacement parts for your HP products, you may notice that many manuals list only an HP part number for the part, even though it appears that this part is manufactured by one of the large semiconductor manufacturers. Service personnel often ask why only HP part numbers are listed.

It is recommended that HP replacement parts be used to ensure that original performance of the product will be retained. While some parts used in HP instruments are identical to those that can be purchased at

a local electronics distributor, many times parts will be selected for certain characteristics, such as gain, bandwidth, capacitance, etc. There may also be slight mechanical differences, such as the shaping or length of leads. In some cases special quality checks are used to ensure that high reliability parts are used at the factory and at HP field offices.

Therefore, we suggest obtaining replacement parts from HP to maintain the quality that you have paid for in your instrument. There may be situations however where HP replacement parts are not in stock and substituting parts will allow you to return the product to service immediately. In these cases it may be worthwhile to see if a substitute part will work in the circuit. Perhaps an HP part could be ordered and installed at some later date.

To help you in these situations, here's a cross-reference of HP part numbers to JEDEC numbers for transistors and diodes.

HP P/N JEDEC NO. 0122-0005 --184810 1853-0039 --+2N3638A 1853-0342 ---1854-0021 --2N918 +2N5956 1854-0270 --+2N4265 0122-0017 --1N4804 1853-0051 2N4037 1853-0344 --2N5876 1854-0026 2N335 1854-0278 2N3302 0122-0025 --1N4811A 1853-0052 2N3740 1853-0349 1854-0027 2N5333 +2N2714 1854-0281 2N2194 0122-0062 --1N5468A 1853-0057 1853-0351 1854-0029 2N6053 2N2712 1854+0282 2N3583 0122-0070 1N5456A 1853-0058 # 2N3644 1853-0360 2N3799A 1854-0032 2N2221 1854-0286 --2N5217 0122-0245 --1N5139 1853-0059 2N3791 1853-0370 2N5782 1854-0033 2N3391 1854-0301 --2N3261 0122-0247 --1N5140 1853-0062 +2N3645 1853-0371 --2N6107 1854-0036 2N2958 +2N3405 0122-0248 1853-0066 1N5148A 1853-0372 **±2**%5195 1854-0039 2N3053S 1854-0304 --2N2483 0122-0249 185141 *2N4122 1853-0069 1853-0378 1854-0048 2N5987 2N2857 1854-0308 --2N3553 0122-0251 1N5142 1853-0071 --2N3494 1853-0381 --1854-0050 2N6331 2N916 1854-0311 --2N4240 0122-0253 --1N5143 1853-0072 2N4034 1853-0383 --2N6296 1854-0053 --2N2218 1854-0313 2N3771 0122-0255 ---1N5144 1853-0076 +2N4062 1853-0391 --1854-0057 2N6051 2N3855A 1854-0315 2N3633 0122-0256 --1N5144A 1853-0077 +2N4249 1853-D392 1854-0060 2N3565 2N3741 1854-0323 2N2857 185145 +2N4888 1853-0080 1853-0396 1854-0062 2N4899 1854-0324 2N3739 0122-0259 1853-0081 +2N4258 1853-0399 --2N3467 1854-0063 2N3055 1854-0325 2N3478 0122-0261 --1N5147 1853-0084 284918 1853~0405 +2N4289 1854-0064 2N3710 1854-0327 0122-0262 1N51474 1853-0086 1853-0406 1854-0066 2N5179 2N6476 2N2925 1854-0345 1N5148 1853-0089 2N4917 1853-0407 1854-0067 2N2102 2N5880 1854-0347 --284923 0122-0264 1N5148A 1853-0098 +2N5086 1853-0411 1854-0072 2N3054 1854-0349 2N2913 1850-0035 2N174 1853-0100 +2N4355 1853-0413 --2N6049 1854-0076 2N1973 1854-0352 2N2405 1850-0051 --2N1500 2N4920 1853-0414 1854-0079 286423 2N3439 1854-0361 1850-0064 --2N1183 1853-0205 2N2907 1853-0418 1854-0087 *2N3417 286317 1854-0365 2N4410 28964 1853-0206 --2N4 N28 1853-0419 --2N4403 1854-0092 1854-0368 2N5191 1850-0118 2N2360 1853-0212 1853-0421 2N5194 +2N4398 1854-0093 2N3415 1854-0370 2N5294 1850-0121 --2N2402 1853-0213 2N4236 1853-0422 --2N4033 1854-0094 +2N3646 1854-0371 2N 3391 1850-0126 --2N2869 1853-0221 2N5416 1854-0099 1853-0425 2N5883 +2N3393 1854-0378 2N5109 1850-0128 2N398B 1953-0222 2N4919 1854-0201 2N4904 1854-0379 2N4298 1850-0137 --1853-0223 --2N4902 1853-0428 1854-0202 +2N3390 1854-0382 2N4348 1850-0150 --2N1358 1853-0236 2N5193 1853-0429 --2N3762 1854-0203 --+2N3694 1854-0384 2N5184 1850-0154 --2N5084 1853-0258 1853-0430 --1854-0209 2N4959 2N910 1854-0386 2N5070 1850-0158 2N2635 1853-0264 2N5401 1853-0437 1854-0210 2N2222 2N6520 1854-0389 2N4922 1850-0172 2N2996 1853-0268 --284905 1853-0439 286248 1854-0211 1854-0392 *2N5088 1850-0194 2N1523 1853-0269 283809 1853-0442 ---2N 3867 1854-0213 2N2538 1854-0397 2N4996 1850-0406 2N1760 2N4403 1853-0451 --2N 3799 1854-0214 2N1482 1854-0398 2N5301 1851-0017 2N1304 1853-0277 2N5954 1853-0452 2N6594 1854-0215 ± 2N3904 1854-0399 2N4912 2N1672 1853-0280 --2N5195 1853-0457 1854-0216 285400 2N3441 1854-0409 --2N5210 1851-0024 1853-0281 2029074 1853-0461 --1854-0217 --1854-0411 2N2972 1853-0005 2N941 1853-0282 2N2905 2N3635 1853-0462 1854-0219 2N3663 1854-0431 2N5179 1853-0006 2N3134 1853-0283 1853-0465 1854-0220 2N4260 2N3959 1854-0432 2N3251 +2N3638 1853-0285 --1854-0226 2N6109 2N4384 1854-0453 --2N5192 1853-0008 1853-0287 --2N 325 0 1853-0470 1854-0233 2N3866 1854-0459 --2N2270 1853-0012 2N2904A 1853-0292 +2N3905 1853-0478 286490 1854-0234 2N3440 1854-0461 2N4238 1853-0013 2N2904 2N5583 1853-0481 --•2N3640 1854-0235 2N1484 1854-0466 1853-0014 2N3304 1853-0303 --1854-0238 1853-0482 +2N5226 2N3933 1854-0467 --2N4401 +2N3640 1853-0305 2N5875 1854-0242 2N6609 2N3262 1854-0468 284924 1853-0016 1853-0310 2N4398 1853-0493 1854-0246 2N5415 1854-0474 +2N5551 1853-0019 2N1131 1853-0311 2N3792 2N4844 1853-0495 •2N5583 1854-0248 1854-0476 2N3879 1853-0022 2N941 1853-0314 1853-0506 --1854-0252 2N4250 2N3713 1854-0477 --2N2222A 1853-0023 2N3703 1853-0320 --2N4032 1854-0004 --2N743 1854-0255 2N3642 2N4046 1854-0478 --2N4234 1853-0322 2N2946A 1854-0005 2N708 1854-0259 1854-0480 --2N5068 1853-0028 2N3634 1853-0323 284900 1854-0009 **±2**₩709 1854-0260 2N3227 1853-0029 --1854-0481 --214237 +2N5447 1853-0327 2N2944A 1854-0010 --2N834 1854-0263 --2N3019 1854-0497 2N930 1853-0031 --2N3789 1853-0328 --2N6211 1854-0011 --2N835 1854-0264 2N3715 1854-0518 1853-0036 -- •2N3906 1854-0267 1853-0340 2N5884 1854-0013 --2N2218A 2N3013 1854-0519 *=ELECTRICALLY EQUIVALENT TO JEDEC NO.

HP P/N	JEDLC NO.	1854-0896	2N6678	1884-0080	2N5445	1901-0511	1 1 2 2 2 2 2 2		
	-	1854-0901	2N3904	1884-0082	214441	1901-0511 1901-0655		1902-0759	
		1855-0001	2N1671A	1884-0091	2N4990	1901-0678	1N3899R	1902-0761	
1854-0534	2N5838	1855-0005	2N3435	1884-0201		1901-0684	1N3890R	1902-0762	1N2163
1854-0547	2N3725	1855-0010	2N2646	1884-0202	2N5573	1901-0704	1N4002	1902-0763	
1854-0548	2N5963	1855-0021	2N1671B	1884-0211	2N5171	1901-0708	1N5828	1902-0772	1N935
1854-0556	2N4237	1855-0027	2N2647	1884-0219	2N3899	1901-0710		1902-0777	1N825
1854-0557	2N2432A	1855-0038	2N3922	1884-0232	245062	1901-0717	1N3891	1902-0785	1 N9 36
1854-0570	2N5189	1855-0040	2N3819	1884-0236	2N6156	1901-0726		1902-0786	1N937
1854-0576	2N6258	1855-0056		1884-0237		1901-0731		1902-0787	1N938
1854-0577	2N6259	1855-0065	2N4891	1884-0238	2863718	1901-0732			1N3154
1854-0586	2N5429	1855-0077	2N1671C	1884-0245	2N4444	1901-0734		1902-0789	1N3155
1854-0590	2N3054	1855-0099	2N4853	1884-0247	2N2323	1901-0735		1902-0790	1N3156
1854-0596	2N5427	1855-0204	2N4852	1884-0249	2N6398	1901-0742	1N3563	1902-0791	
1854-0597	2N5943	1855-0207	2N3955	1884-0251	246168	1901-0743	1N4004	1902-0792	1N943
1854-0599		1855-0208	2N4117	1884-0254		1901-0750	1N5553	1902-0793	1N944
1854-0600		1855-0213	2N5912	1884-0255	2N5444	1901-0751	1N5554	1902-0902	1N2974A
1854-0611		1855-0224	2N3824	1884-0265	2N6236	1901-0752	1N3644	1902-0909	
1854-0613		1855-0226	2N5460	1884-0266	286400	1901-0756	1N3881	1902-0910 1902-0915	
1854-0623		1855-0229	244119	1884-0267	2N684	1901-0758	1N5283	1902-0920	
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1854-0637		1855-0240 1		1884-0270	2N5569	1901-0765	1N5812	1902-0924	1N5927
1854-0643		1855-0244	2N4#57	1884-0273	2N4101	1901-0774	1N3891R		1N5349
1854-0648		1855-0245	2N4119	1884-0281	2N6505	1901-0775	1N5000	1902-0933	1N5370B
	•2N3904	1855-0247		1884-0282	2N6073	1901-0782	1N5821	1902-0934	1N5380B
	*2N5192	1855-0250	3N215	1884-0284	2N5445	1901-0786	1N6074	1902-0939	
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1854-0687		1855-0276	2N4416A	1900-0001	1N21B	1901-0833	1N6096	1902-0974	1N4960
1854-0695		1855-0277	2N5268	1900-0004	1N76	1901-0838	1N5393	1902-0977	1N5352
1854-0697		1855-0278	2N5116	1900-0006	1N4168	1901-0843	1N5002R		1N5346
1854-0698		1955-0279	3N180	1900-0007	1N26	1901-0846	1N5284	1902-0983	1N4621
	+2N4921	1855-0283 1855-0285	2N5396	1900-0008	1N53	1901-0849	1N4007	1902-0986	1N6270A
	+2N3053		2N5246	1900-0010	1N218MR	1901-0862	1N5616	1902-0987	1N2991
1854-0708		1855-0286	2N3966	1900-0011	1N416BM	1901-0868	1N5817	1902-0991	1N4577
1854-0709		1855-0288 1855-0290	2N5556	1900-0012	1N23B	1901-0869	1N5297	1902-0992	1N4582
1854-0714	_	1855-0291	2N5476	1900-0015	1N415C	1901-0890	1N3893	1902-0995	1N5373B
1854-0715		1855-0292	2N3631 2N5432	1900-0016 1900-0017	1N4603 1N218	1901-0894	184608	1902-0996	1N5336B
1854-0727		1855-0293	2N6658	1900-0017	1N23C	1901-0907	1N5401	1902-0998	1N30018
1854-0731		1855-0297	2N2608	1900-0019	1N23C	1901-0913	1N5163	1902-0999	1N3993A
1854-0732	+2N5886	1855-0301	2N5198	1900-0020	1N76A	1901-0919	1N6303	1902-1000	1N53668
	2N3773	1855-0305	2N4117A	1901-0002	1N1200A	1901-0924	1N4005	1902-1001	1N4557A
1854-0737	+2N6477	1855-0306	3N128	1901-0032	1N3209	1901-1015	1N4531	1902-1169	1N4100
1854-0738	2N6261	1855-0307	3N153	1901-0048	1N3210	1901-1029	1N914		1M4101
1854-0741	2N6338	1855-0309	2N4352	1901-0058	1N628	1901-1052	1N4154	1902-1172	1N4103
1854-0742	2N5886	1855-0314	2N6027	1901-0060	1N1116	1901-1065	1N4936	1902-1173	1N4104
1854-0743		1855-0322	2N5105	1901-0071	1N625	1901-1080	1N5817	1902-1174	1N4106
	*2N2218	1855-0327	2N4416	1901-0129	1N647	1901-1098	1N4150	1902-1178	1N4110
1854-0746		1855-0332	3N138	1901-0132	1 N660	1901-1101	1N4148-1	1902-1183	1N4115
1854-0748		1855-0341	2N4338	1901-0151	1N2242	1902-0003 1902-0018	1 N 754 A 1 N 941	1902-1194	1N2976B
1854-0750		1855-0346	2N6028	1901-0164	1N4721	1902-0021	1N2992RB	1902-1195	1N1362
1854-0751		1855-0357	3N142	1901-0305	1N2158	1902-0021	1 N2 99 9 A	1902-1198	1N2973B
	*2N2369A	1855-0363 *	2N5462	1901-0306	1N2158R	1902-0033	1N823	1902-1199 1902-1200	1N1604A 1N2980B
1854-0755 1854-0756		1855-0371	2N4092	1901-0307	1N3289	1902-0035	1N3008B		1N3998A
		1855-0380	2N4 35 1	1901-0308	1 N3 289R	1902-0039	1N1597A		1N2974RA
1854-0758 1854-0761		1855-0386	2N4392	1901-0309		1902-0088	1N3003B	1902-1204	
1854-0762		1855-0387	2N3993	1901-0310		1902-0089	1N3004B	1902-1205	
1854-0765		1855-0389	2N4856	1901-0311		1902-0094	1N705A		1N938A
1854-0766		1855-0390	2N3382	1901-0312	1N3262	1902-0095	1N746	1902-1218	1N2992
1854-0767		1855-0393	2N3330	1901-0313	1N3262R	1902-0111	1N753A	1902-1219	1N2980RB
1854-0774		1855-0398 1855-0400	2N5519	1901-0314	1N1206A	1902-0156	1N29868	1902-1221	1N825
1854-0784			2N5905 2N5115	1901-0315	1N1183A	1902-0157	1N2620	1902-1223	1N2982PB
1854-0785	D114 1 0 5		2N4393	1901-0316 1901-0317	1N1183AR 1N1184A	1902-0178	1M3004RA	1902-1225	1N2971RA
1854-0796		1855-0420	2N4391	1901-0317	1N1184A 1N1184AR	1902-0183	1N2995B	1902-1226	1N3996A
1854-0787	0.11.6.5.4.5		2N5111	1901-0319	101184AR 101186AR	1902-0191	1N2971RB	1902-1228	1N2988RP
1854-0792	<u> </u>		24.368	1901-0320	1N1187A	1902-0245	1N4099	1902-1229	102979
1854-0793			3N163	1901-0321	1N1187AR	1902-0246	1N4105	1902-1232	1N3997RA
1954-0809	2N2 36 3A		2N5434	1901-0343	1N3491R	1902-0509	1N823	1902-1234	1N4000A
1854-0813	2N3501S	1855-0450 •		1901-0346	1N3209R	1902-0522	1N5340B	1902-1241	1N936
	+2N22224	1855-0451 •		1901-0370	1N4530	1902-0526	1N5305	1902-1244	1N3034R
1854-0831		1884-0004	2N15958	1901-0383	1N2565	1902-0528	1N5524D	1902-1245	1N752A
			2N4170	1901-0398	182148	1902-0549 1902-0569	1N5365A	1902-1246	1N759
1854-0834		1884-0012	2N3528	1901-0405	1N5182		1N941	1902-1255	1N751A
1854-0837		1884-0015	2N685	1901-0406	1N3491	1902-0581 1902-0625	1N944	1902-1259	1N5357B
1854-0839			2N688	1901-0409	1N4719	1902-0627	1N829	1902-1260	1N5525C
1854-0842			2N418=	1901-0410	1N4720	1902-0630	1N5312 1N52368	1902-1275	1N8 21
			2N3669	1901-0412	1N4722	1902-0631	1N5351B	1902-1278	1N53488
1854-0848		1884-0021	3N83	1901-0414	1N4723	1902-0632	1N5354B	1902-1286	1N53428
1854-0851			2N4172	1901-0421	1N3208	1902-0640	1N5847A	1902-1288 1902-1290	1N53588
			2N2321S	1901-0423	1N3212	1902-0641	1N5856A		1 N 5 3 8 4 A
1854-0871			2 N 1 77 1 A	1901-0424	183492	1902-0643	1N29798	1902-1291 1902-1292	1N53388 1N5372B
1854-0881			2N1774	1901-0426	1N3494	1902-0644	1N5363B	1902-1294	1N5388A
			2N1846	1901-0431	1N3662	1902-0645	1N2997RR	1902-1297	1N4561A
1854-0884			2N3670	1901-0463	1N4156	1902-0649	1N4567	1902-1298	1N2820A
1854~0888			2N4443	1901-0478	1N3958	1902-0680	1N827	1902-1300	184732
1854-0889			3N81	1901-0492	1N5002	1902-0697		1902-1304	1N965R
1854-0893			2N4188	1901-0493	1N4725	1902-0698		1902-1305	1N5237B
			215860	1901-0494	1N5003	1902-0700	1N4738A	1902-1306	1N5270B
crecinic	ALLY EQUIVALENT	IO JEDEC NO.							

MD D/N	JEDEC NO	18021 -	_ 1902-0761	******						
HP P/N	JEDEC NO.		- 1902-0761 - 1902-1275	1N3155 1N3156	1902·			0122-0025	186074	1901-0786
			- 1902-0033	1N3208	1901			· 1901-1065 · 1901-0831	1 N6096 1 N627 DA	1901-0833 1902-0986
1902-1307 -			- 1902-0509	1N32D7	1901			1902-0974	1N6303	1901-0919
1902-1308 -			- 1902-0777	1N3209R	1961			1901-0775	2N174	1850-0035
1902-1312 - 1902-1313 -			- 1902-0973	1N3210	1901			1901-0492	2N335	1854-0026
1902-1320 -			- 1902-1221 - 1902-0680	1N3212	1901			1901-0843	2N388A	1851-0024
1902-1323 -			- 1902-0625	1N3260R 1N3262	1901 1901			· 1901-0494 · 0122-0245	2N3988	1850-0128
1902-1330 -	+1N750		- 1900-0019	1N3252R	1901			0122-0247	2N508A 2N684	1850-0154 1884-0267
1902-1332 -			- 1901-0710	1N3283	1901			0122-0248	2N685	1884-0015
1902-1334 -			- 1901-1029	1N3289R	1901	-0308 IN		0122-0249	2 N688	1884-0016
1902-1336 - 1902-1338 -			- 1901-0830	◆1N3290R	1901		5142		2N708	1854-0005
1902-1340 -			- 1902-0772 - 1902-0785	1N3316B 1N3491	1902 1901			0122-0253	+2N709	1854-0009
1902-1341 -			- 1902-1241	1N3491R	1901			0122-0255 0122-0256	2N720A 2N743	1854-0750 1854-0004
1902-1342 -		1N937 -	- 1902-0786	1N3492	1901			0122-0257	2N834	1854-0010
1902-1343 -		1N938 -	- 1902-0787	1N3494	1901	-0426 1N		0122-0259	2N835	1854-0011
1902-1345 - 1902-1346 -			- 1902-1216	1N3563	1901			0122-0261	2N910	1854-0209
1902-1348 -			- 1902-0018	1N3644 1N3662	1901 1901			0122-0262	2N916	1854-0050
1902-1350 -			- 1902-0569 - 1902-0698	1N3712	1912		5148 5148A		2N918 2N930	1854-0021 1854-0497
1902-1351 -			- 1902-0791	183714	1912			1901-0913	2N941	1853-0005
1902-1353 -			- 1902-0792	1N3716	1912			1901-0405	28941	1853-0022
1902-1354 - 1902-1356 -			- 1902-0581	1N3717	1912	-0015 1N		1902-0630	2N964	1850-0099
1902-1357 -			- 1902-0793	1N3718	1912 1912			1902-1305	2N976	1850-0137
1902-1361 -			- 1902-1304 - 1902-1362	1N3719 1N3720	1912	-0014		1902-1306	2N1131	1853-0019
1902-1362 -	- 1N9678 .		- 1902-1362	1N3721	1912	0013		1902-1307	2N1183 2N1304	1850-0064 1851-0017
1902-1363 -	- 1N749A		- 1902-0972	1N3881	1901	075/		1901-0758 1901-0846	2N1358	1850-0150
1902-1367 -			- 1902-1312	1 N388 9	1901	-0791 in	_	1901-0869	2N1482	1854-0214
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1911-0001 -			- 1901-0002 - 1901-0314	1N3996A 1N3997R/	1902 1902 ا			1902-0920	2N1701 2N1760	1854-0613 1850-0406
1912-0002 -			- 1901-0309	1N3998A	1902			1902-0978 1902-1278	2N1771A	1884-0027
1912-0006 -			- 1902-1195	1N4000A	1902	1074		1902-0927	2N1774	1884-0028
1912-0007 - 1912-0009 -			- 1902-0039	1N4002	1901	-0704 1N		1902-1351	2N1846	1884-0051
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1912-0015 -			- 1901-0398	+1N4004 1N4005	1901 1901			1902-0977	2N2060	1854-0761
1912-0017 -			- 1901-0305 - 1901-0306	1N4007	1901			1902-1367	2N2102 2N2194	1854-0067 1854-0281
1912-0019 -	- 1N3721		- 1902-0762	+1N4007	1901	-0732		1902-0632	2N2218	1854-0053
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			- 1901-0383 - 1902-0157	1N4103 1N4104	1902 1902	TN'		1902-0644	2N2221	1854-0032
	- 1900-0001		- 1902-0157 - 1902-1298	1N4105	1902	-0246 IN:		1992-1350	2N2222 2N2222A	1854-0210 1854-0477
	- 1900-0017 - 1900-0010		- 1902-1225	1N4106	1902	-1174 IN:		1902-0549	+2N2222A	1854-0829
	- 1900-0010 - 1900-0012		- 1902-0191	1N4110	1902	-11/8 1N'		1902-1345 1902-1000	2N2270	1854-0459
	- 1900-0018		- 1902-0909	1N4115	1902	-1183 1N		1902-0933	2N2322S	1884-0026
44404	- 1900-0007		- 1902-1198	1N4148-1 1N4150		-1101 IN:		1902-1292	2N2323	1884-0247
	- 1910-0031		- 1902-0902 - 1902-1203	1N4154	1901 1901	-1052 ^{LR.}		1902-0995	2N2360 2N23694	1850-0118 1854-0809
	- 1910-0002 - 1900-0002		- 1902-1194	184156	1901	-DAKE IN:		1902-1357	+2N2369A	1854-0752
	- 1900-0008 - 1910-0003	1N2979 -	- 1902-1229	1N4530	1901	-0370 1NS		1902-0934 1902-1290	2N2402	1850-0121
	- 1900-0004		- 1902-0643	1N4531	1901	-1012 INS		1902-1294	2N2405	1854-0352
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	- 1910-0014		- 1902-1204	1N4577	1902	-0991 ING		0122-0062 1902-0528	2N2540 2N2608	1854-0786 1855-0297
	- 1910-0033		- 1902-0910	1N4582	1902	-U992 1NS		1902-1260	2N2635	1850-0158
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	- 1900-0006		- 1902-1354	1N4608 1N4621	1901 1902	-0983 187		1901-0750	2N2647	1855-0027
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	- 1901-0038		- 1902-0987	1N4721	1901	-U164 1NS		1901-0765	2N2857	1854-0323
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	- 1902-0094		- 1902-0021	1N4723 1N4725	1901 1901	-0414 INS	5818	1901-0734	2N2896	1854-0748
	- 1902-0095		- 1902-0183	1N4732	1902	_1300 ATS	5821	1901-0782	2N2904	1853-0013
	- 1902-1363 - 1902-1330		- 1902-0645 - 1902-0028	1N4734A	1902	-1308 175		1901-0726	2N2904A	1853-0012 1853-0282
	- 1902-1530 - 1902-0697		- 1902-0998	1N4738A	1902	-0700 1NS		1901-0708 1902-0640	2N2905 2N2905A	1853-0282 1853-0314
	- 1902-1255		- 1902-0088	1N4742A	1902	-1342 1NS		1902-1332	2N2907	1853-0205
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	- 1902-1245		- 1902-0178	+1N4753A	1902		58578	1902-1323	+2N2907A	1853-0470
	- 1902-0111 - 1902-0003		- 1902-0935 - 1902-1944	1N4756A	1902			1902-0939	2N2913	1854-0349
	- 1902-0003 - 1902-1246		- 1902-1244 - 1902-0788	1 N4804 1 N4810	0122 0122			1902-0924	2N2920 2N2925	1854-0792 1854-0066
	- 1702-1246			2	V122	200.7 190		1902-1336	EHE 72J	**************************************

*=ELECTRICALLY FQUIVALENT TO JEDEC NO.

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2N3014		1854-0842	2N3741	1853-0392	2N4352	1855-0309	2N5246	1855-0285	2N6058	1854-0888
2N3019		1854-0263	2N3762	1853-0429	*2N4355	1853-0100	2N5247	1855-0257	2N6071B	1884-0238
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2N3262		1854-0242	2N3855A	1854-0057	2N4416A	1855-0276	2N5429	1854-0766	2N6258	1854-0576
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2N3304		1853-0014	2N3866A	1854-0784	284441			1855-0292	2N6261	
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+2N3405			+2N3906	1853-0036	+2N4899	1855-0065	2N5476	1855-0290	2N6305	1854-0785
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2N3441		1854-0216	2N3966	1855-0286	2N4917	1853-0089	2N5575	1854-0709	2N6331	1853-0381
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2N3467		1853-0399	2N4028	1853-0206	2N4919	1853-0222	2N5583	1853-0293	2N 6339	1854-0746
2N3478		1854-0325	2N4032	1853-0320	2N4920	1853-0204	*2N5583	1853-0495	2N6354	1854-0715
2N3494		1853-0071	2N4033	1853-0422	*2N4921	1854-0699	+2N5639	1855-0451	2N6398	1884-0249
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2N3583		1854-0282	2N4101	1884-0273	2N5060	1884-0074	2N5877	 1854-0518	2N6490	 1853-0478
2N3585		1854-0643	2N4117	1855-0208	+2N5061	1884-0201	2N5878	 1854-0743	2N6497	 1854-0839
2N3631		1855-0291	2N4117A	1855-0305	2N5062	1884-0232	±2N5878	 1854-0846	2N6499	 1854-0889
2N 36 3 3		1854-0315	2N4119	1855-0229	2N5067	1854-0695	2N5880	1853-0407	2N6504	 1884-0297
2N3634		1853-0028	2N4119	1855-0245	2N5068	1854-0480	2N5883	 1853-0425	2N6505	 1884-0281
2N3635		1853-0462	*2N4119	1855-0240	2N5070	1854-0386	2N5884	 1853-0340	2N6508	 1884-0268
*2N3638		1853-0016	+2N4122	1853-0069	±2 N5086	 1853-0098	2N5885	 1854-0679	2N6520	 1853-0437
•2N3638		1853-0285	2N4170	1884-0010	+2N5087	 185 3-0 086	2N5886	 1854-0697	2N6545	 1854-0787
•2N3638A		1853-0034	2N4172	1884-0022	-2N5088	 1854-0392	2N5886	 1854-0742	2N6584	 1854-0848
●2N364 0		1853-0015	2N4186	 1884-0018	2N5089	1854-0731	2N5886	 1854-0732	2N6594	1853-0452
*2N3640		1853-0481	2N4188	 1884-0071	2N5105	 1855-0322	2N5905	 1855-0400	2N6609	1853-0487
+2N364 2		1854-0255	+2N4209	 1853-0405	2N5109	 1854-0378	+2N5912	1855-0213	2N6658	1855-0293
●2N3643		1854-0246	2N4233A	 1854-0600	2N5114	 1855-0421	2N5943	 1854-0597	2N6679	1854-0871
+2N3644		1853-0058	2N4234	1853-0024	2N5115	 1855-0402	+2N5943	 1854-0876	286678	1854-0896
±2N3645		1853-0062	2N4236	1853-0213	2N5116	1855-0278	2N5949	1855-0258	3N81	1884-0070
2N3646		1854-0432	2N4237	 1854-0481	2N5171	 1884-0211	2N5954	1853-0277	3 N 8 3	1884-0021
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2N3670		1884-0065	+2N4249	1853-0077	2N5191	1854-0368	2N5987	1853-0378		
2N3670		1884-0501	2N4250	1853-0506	2N5192	1854-0453	2N6027	1855-0314	3N153 3N163	1855-0307
2N3685		1855-0430	≜2N4250	1853-0066	+2N5192	1854-0654	2N6028	1855-0346	3N180	1855-0432
+2N3694		1854-0203	*2N4258	1853-0081	2N5193	1853-0236	2N6033	1854-0834	3N215	1855-0279
			FWT TO JEDE			0230	2.43033	 1037 U037	24513	 1855-0250

*=ELECTRICALLY EQUIVALENT TO JEDEC NO.

Replacement Part Cross Reference

When selecting replacement parts for your HP products, you may notice that many manuals list only an HP part number for the part, even though it appears that this part is manufactured by one of the large semiconductor manufacturers. Service personnel often ask why only HP part numbers are listed.

It is recommended that HP replacement parts be used to ensure that original performance of the product will be retained. While some parts used in HP instruments are identical to those that

can be purchased at a local electronics distributor, many times parts will be selected for certain characteristics, such as gain, bandwidth, capacitance, etc. There may also be slight mechanical differences, such as the shaping or length of leads. In some cases special quality checks are used to ensure that high reliability parts are used at the factory and at HP field offices.

Therefore, we suggest obtaining replacement parts from HP to maintain the quality that you have paid for in your instrument. There may be situations however where HP replacemen parts are not in stock and substituting parts will allow you to return the product to service immediately. It these cases it may be worthwhile to see if a substitute part will work in the circuit. Perhaps an HP part could be ordered and installed at some later date.

To help you in these situations, here's a cross-reference of HP part numbers to JEDEC numbers for transistors and diodes

Manufacturers Code Number Cross Reference

Number	Manufacturer	Number	Manufacturer	Number	Manufacturer
00039	Nippon Electric Co.	02865	Alpha Industries Inc.	05695	Microwave Associaties Inc.
00046	Unitrode Corp.	02883	Siliconix	05840	Delco Elek Div. of Genl. Motors Corp.
00746	ROHM Corporation	02910	Signetics Corp.	06002	R T C Division Cogeco
01250	GTE Sylvania Elek Components Group	02919	MSI Electronics Ind.	06023	Mullard Ltd.
01590	Plessey Semiconductors	03038	International Rectifier Semicon Div.	06078	International Rectifier Ltd.
01691	TRW Inc. Semiconductor Div.	03172	TRW Microwave	06121	Siemens AG
01698	Texas Instr. Inc. Semicond. Compnt. Div.	03191	Solitron Devices Inc. (FETS, Diodes)	06338	SGS Ates
01921	RCA Corp., Solid State Div.	03285	Analog Devices Inc.	06344	Fujitsu Ltd.
01973	GE Co., Semiconductor Prod. Dept.	03287	General Semiconductor Industries	06354	Toshiba Corporation
01979	Lansdale Transistor & Elek Inc.	03334	Amperex Elec. Corp., Semicon. & MC	06418	Hughes International Ltd.
01991	Transitron Electronic Corp.		Div.	06563	Siemens Corp., Components Group
02037	Motorola Semiconductor Products	03406	National Semiconductor Corp.	06592	SGS Ates (14)
02062	HP Div. 05 Microwave Semiconductor	03447	Hughes Aircraft Co. Newp. Beach Div.	06632	Semiconductor Technology Inc.
02086	Westinghouse Elec. Corp. Semicon.	03571	Lansdale XSTR Elek Co. Advance Line	07050	Micro Power Systems
	Dept.	03627	Solid State Devices Inc.	07221	Supertex Inc.
02158	Edal Industries Inc.	03714	Intersil Inc.	07766	La Radiotechnique Compelec
02237	Fairchild Semiconductor Div.	03776	Kertron Inc.	08852	Metelics Corp.
02526	Semicon. Inc.	03793	Silicon General Inc.	09283	Semi Processes Inc.
02569	Crystalonics Div., Teledyne	03811	Intel Corp.	09914	Unitrode Corp.
02619	Solitron Devices Inc. (Diodes)	04161	KSW Electronics Inc.	10464	Thomson CSF Brazil
02634	Sprague Elect. Co., Semiconductor Div.	04200	Sprague Electronic Co.	10674	Diode Transistor Co.
02664	Semtech. Crop.	04583	Bradley Semiconductor Corp.	10760	Hybrid Die
02682	ITT Semiconductors Div. or ITT Corp.	05088	Varo Semiconductor Inc.	10818	H-Ibrape Electronica
02688	Microsemi Corporation	05131	Electronic Devices Inc.	10881	Thomson-CSF
02713	General Instr. Corp., Semicon. Prod. GP	05176	TRW Capacitor Div.	10978	Frequency Sources
02803	Codi Semiconductor	05644	Philco-Ford Corp. Sierra Elek Opn	11152	Composants Semicond. De Protection
					* 1

HP P/N	Mfr.	Desc.							0837-0273	01973	V120MA1A
	_		0122-0070	02037	1N5456A	0122-0254	02037	1N5143A	0837-0276	03287	1.5KE400A
0122-0002	01691	1N4813	0122-0071	02037	MV2107	0122-0255	02037	1N5144	0837-0277		1.5KE300A
0122-0004	01691		0122-0072	02037	BB105B	0122-0256	02037	1N5144A	0837-0278	01973	V39ZA1
0122-0005	01691	1N4810	0122-0074	05695	MA45644	0122-0257	02037	1N5145	0837-0279	03287	MPTE-10C
0122-0008	02569	VA114	0122-0077	02037	MV2201	0122-0258	02037	1N5145A	0837-0281	03287	SA7.5C
0122-0014	01691	1N4810B	0122-0081	02037	MV1404	0122-0259	02037	1N5146	0837-0283	03287	1.5KE47CA
0122-0017	01691	1N4804	0122-0085	00039	1S2208(B)	0122-0260	02037	1N5146A	0837-0285	01973	V56MA2B
0122-0018	01691	1N4801A	0122-0089	02037	MV109	0122-0261	02037	1N5147	0837-0289	03287	1.5KE47
0122-0019	01691	1N4803A	0122-0090	02037	BB-105B	0122-0262	02037	1N5147A	0837-0290	10464	BZW50-56
0122-0020	01691	1N4805A	0122-0158	10978	1N5146A(SEL)	0122-0263	02037	1N5148	0837-0292	01973	V120ZA6
0122-0021	01691	1N4807A	0122-0159	10978	1N5148A(SEL)	0122-0264	02037	1N5148A	0837-0294	02037	PGKE82
0122-0022	01691	1N4808A	0122-0160	02865	6-6832-79	0122-0325	04161	KV1403	0837-0299	03287	GMP-5B
0122-0023	01691	1N4809A	0122-0161	03334	BB405B	0122-0331	02037	MV1403	0837-0300	03287	P6KE10A
0122-0024	01691	1N4810A	0122-0162	03334	BB809	0122-0332	02037	MV309	0837-0301	03287	P6KE15A
0122-0025	01691	1N4811A	0122-0163	02037	MVAM125	0837-0196	01973	V430MA3A	0837-0302	03287	P6KE20
0122-0026	01691	1N4812A	0122-0164	10978	1N5148A(SEL)	0837-0241	03287	SA15A	0837-0303	03287	P6KE39A
0122-0027	01691	1N4813A	0122-0165	10978	KV31S1	0837-0243	01973	V47MA2B	0837-0304	11152	GZ35018A
0122-0028	01691	1N4814A	0122-0167	06121	BB409	0837-0255	03287	SA40CA	0837-0305	11152	GZ35108A
0122-0029	01691	1N4815A	0122-0245	02037	1N5139	0837-0256	03287	1.5KE100C	1820-0225	03406	LM103-2.4
0122-0031	02569	VA126	0122-0246	02037	1N5139A	0837-0257	03287	1.5KE200C	1820-0240	01921	CA3026
0122-0034	01691	1N4814B	0122-0247	02037	1N5140	0837-0258	03287	P6KE47CA	1820-0352	01921	CA3018
0122-0044	02919	MV840C	0122-0248	02037	1N5140A	0837-0261	01973	V275LA20A	1820-1804	02037	MPQ6842
0122-0056	02037	MV2101	0122-0249	02037	1N5141	0837-0264	03287	1N6045A	1821-0001	01921	CA3046
0122-0060	02037	MV2308	0122-0250	02037	1N5141A	0837-0267	03287	1.5KE82	1821-0002	01921	CA3045
0122-0062	02037	1N5468A	0122-0251	02037	1N5142	0837-0268	01973	V300LA4	1821-0006	02237	SH6501PC
0122-0064	02037	MV1868D	0122-0252	02037	1N5142A	0837-0270	02713	1N6281A	1850-0003	03334	2N1516
0122-0066	02037	MV1401	0122-0253	02037	1N5143	0837-0271	03287	SA15CA	1850-0018	01921	2N384

HP P/N	Mfr.	Desc.	1853-0258	02237	2N4035	1853-0484	02037	MD2905A
1850-0020 1850-0031	01698 01698	2N1143 2N526	1853-0264 1853-0269	02037	2N5401	1853-0487	02037	2N6609
1850-0032 1850-0041	01698 01921	2N404 2N384	1853-0271	02037 02037	5µ7±03 5µ380è	1853-0488 1853-0489	02237 02037	MPS4356 MM4032
1850-0043	03334	2N1516	1853-0276 1853-0277	02037 01921	MM3906 2N5954	1853-0490 1853-0492	02037 02037	TIP107 JME2955
1850-0051 1850-0052	02634 02713	2N1500 2N596	1853-0280 1853-0281	02037 02682	2N5195 2N2907A	1853-0493 1853-0494	03334 01973	2N5415 D45H5
1850-0055 1850-0058	04200 02037	2N2360 2N174	1853-0290 1853-0292	02037 02037	JTX2907A 2N3905	1853-0496 1853-0497	02037 01973	MPS-U57 D45H11
1850-0059 1850-0061	02037 01698	2N17 ¹ 4 2N2561	1853-0293	02037	2N5583	1853-0498	02037	TIP145
1850-0064	01921	2N1183	1853-0303 1853-0305	02037 02037	2N5956 2N5875	1853-0501 1853-0523	02037 02037	MJ11015 2C4403
1850-0065 1850-0074	01921 01921	2N1370 2N1396	1853-0308 1853-0310	02037 02237	MM4645 2N4398	1853-0524 1853-0525	02037 02037	MJ11021 MMBT2907A
1850-0075 1850-0076	01979 01698	2N779A 2N2556	1853-0311	02037	2N3792	1853-0526	02037 03334	2N6437 BFQ-32
1850-0078	02037	211398B	1853-0314 1853-0318	02037 02037	2N2905A MPS6562	1853-0527 1853-0529	02037	MD1130
1850-0085 1850-0090	02037 01921	2N964 2N1183B	1853-0320 1853-0322	02237 01698	2N4032 2N2946A	1853-053 6 1853-053 7	02037 03406	MPS6534 TIP32C
1850-0093 1850-0096	03571 01698	2N1499A 2N2189	1853-0323 1853-0326	02037 02037	2N4900 MPS-U51	1853-0538 1853-0539	01921 02037	2N6107 MDS60
1850-0099 1850-0103	06632 01698	2N964 2N2190	1853-0327 1853-0328	01698	2N2944A 2N6211	1853-0540	02037 02037	2N5771 2N6491
1850-0105	01979	2N2O48	1853-0332	02037	MJE1091	1853-0543	01698	TIP647
1850-0110 1850-0111	02 7 13 01698	2N404A	1853-0334 1853-0336	02037 02037	MJE1090 MPSA92	1853-0544 1853-0545	03334 10881	BFQ51 BCX18
1850-0112 1850-0113	01698 01698	2N2001 2N1997	1853-0340 1853-0341	02037 02037	2N5884 MJE172	1853-0546 1853-0547	02037 02037	2N3765 MJE2901T
1850-0114 1850-0119	01921 02037	2N1905 2N963	1853-0342 1853-0344	01921 02037	40831 2N5876	1853-0548 1853-0550	02037 00746	2N6420 2SB737
1850-0126	01921	2N2869	1853-0347	02037	MJE700	1853-0551	03406	TN-4030-J25Z
1850-0127 1850-0130	02713 0203 7	2N519A 2N1193	1853-0348 1853-0349	02037 01698	MJ4645 2N5333	1853-0552 1853-0553	02037 03334	MPSW56 A440
1850-0131 1850-0137	02037 01979	2N1192 2N976	1853-0350 1853-0351	01698 02037	TIP-34 2N6053	1853-0554 1853-0555	02037 02037	2C4405 MPSC404A
1850-0146 1850-0150	02619 05840	2N1501 2N1358	1853-0353 1853-0355	02037 01698	MPS-U55 BF398	1853-0556 1853-0557	02037 02037	2C5087 BD416
1850-0151	01698	2N1309	1853-0356	01698	TIP42	1853-0558	02037	2n6554
1850-0154 1850-0160	01979 01921	2N508A 2N2147	1853-0360 1853-0362	02037 02037	2N3799A 2N6053	1853-0559 1853-0563	02037 02037	MPSW55 2N3906(SEL)
1850-0163 1850-0166	02037 01698	2N2635 2N2188	1853-0363 1853-0364	01973	X45H281 MJE-701	1853-0565 1853-0566	02037 02037	2N4403 MMBTA55
1850-0170 1850-0172	01698 01698	2N1377 2N2996	1853-0365 1853-0366	02037	MJE2901K BC321C-18	1853-0567 1853-0568	02037 02037	MMBT3906 MMBT5087
1850-0173	01698	2N1307	1853-0367	02037	MJE233	1853-0570	02037	2N5401 (SEL)
1850-0178 1850-0179	01698 02037	2N1038 2N3323	1853-0368 1853-0369		MJE170 MJE371K	1853-0572 1853-0573	02037 10881	MPSA76 2N6709
1850-0180 1850-0181	01698 01698	2N1374 2N2552	1853-0370 1853-0371	01921 01921	2N5782 2N6107	1853-0574 1853-0575	02037 03334	2N3468 BFQ32(CHIP)
1850-0182 1850-0194	01698 05840	2N1378 2N1523	1853-0372	02037 02237	MJE5195	1853-0576	02037 02037	2N5416(SEL) 2N3906RLRA2
1850-0404	01698	2N1305	1853-0373 1853-0377	01698	2N5022 TIP 115	1853-0577 1853-0578	00039	NE90115
1850-0406 1850-0409	02783 01698	2N1760 2N2664	1853-0378 1853-0381	02037 01698	2N5987 2N6331	1853-0579 1853-0580	02037 02037	2C2946 MMBT4403
1850-0417 1850-0418	02713 02713	2N597 2N600	1853-0383 1853-0384	02037 02037	2N6296 2N3244	1853-0581 1854-0004	02037 01698	MMBT5401 2N743
1850-0439	02037 02037	MA4404A MP603	1853-0385	02037	MJE5194 MJ2500	1854-0005	02237 02037	2N708 2N709
1850-0440 1850-0441	06632	2N779A	1853-0387 1853-0391	02037 02037	2N6051	1854-0009 1854-0010	02037	2N834
1851-0002 1851-0003	01698 01698	2N388A 2N388A	1853-0392 1853-0394	02037 02037	2N3741 MJE 2370	1854-0011 1854-0013	02037 02037	2N835 2N2218A
1851-0006 1851-0007	01973 01973	2N169A 2N169A	1853-0395 1853-0398	02037	MPS-A70 MJE 210	1854-0014 1854-0017	02037 02237	2N2720 2N706A
1851-0009	01698	2N388A	1853-0399 1853-0404	03406	2N3467	1854-0021	02237	2N918
1851-0011 1851-0021	01698 01698	2N1306 2N388A	1853-0405	02037	2N4209	1854-0022 1854-0026	02237 01973	S17843 2N335
1851-0024 1851-0025	01698 01698	2N388A 2N1306	1853-0406 1853-0407	01921 02037	2n6476 2n5880	1854-0029 1854-0030	01973 02237	2N2712 2N2369
1851-0031 1851-0034	01698	2N1605 2N1605A	1853-0412 1853-0414	02037 02037	MPSA65 2N6423	1854-0031 1854-0032	01698	2N2865 2N2221
1851-0037	01698	2N1308	1853-0416	02037		1854-0033	01973	2N3391
1851-0038 1851-0041	03334	2N1121 2N2430	1853-0417 1853-0418	00000	01/01/7	1854-0039	01921	
1853-0002 1853-0006	02037	2N1027 2N3134	1853-0419 1853-0420	02037	2N4403 MJ2955	1854-0044 1854-0048	01921	2N2857
1853-0007 1853-0008	02037	2N3251 2N3250	1853-0422 1853-0423	01698 02037	2N4033 MPS U-60	1854-0050 1854-0053	02237	2N916
1853-0012 1853-0013	02037	2N2904A	1853-0424	01698	TIP-126	1854-0056 1854-0057	01921	2N3119
1853-0014	02237	2N3304	1853-0426	02037	201901	1854-0060	02237	2N3565
1853-0019 1853-0023	01698	2N1131 2N3703	1853-0428	02037	2N3762	1854-0062 1854-0063	01921	2N3055
1853-0028 1853-0031	02037	2N3634 2N3789	1853-0430 1853-0431	02037 02037	2N4959 TIP42C	1854-0064 1854-0066	01698	2N3710 2N2925
1853-0033 1853-0043	02634	2N3318 MPS 6522	1853-0436 1853-0437	02037	MJE170 2N6520	1854-0067 1854-0071	01921	2N2102
1853-0045	01921	204036	1853-0439	01921	2N6248	1854-0072	01921	2N3054
1853-0046 1853-0051	01921	2N3250 2N4037	1853-0440	02037	MMJE2955K	1854-0076 1854-0079	01921	2N3439
1853-0052 1853-0057	02037 02634	2N3740 3N91	1853-0442 1853-0447	02037 02037	2N3867 MJE253	1854-0081 1854-0084	01698 02037	21/3711 2N3232
1853-0058 1853-0059	02237	S32248	1853-0448	02037	MPSH81	1854-0086	05840	DTS413 2N3053LV 2449
1853-0071	02037	213494	1853-0450	02037	MJE371K(SELECTED)	1854-0093	01973	2N3415
1853-0072 1853-0081	02237	2N4034 2N4258	1853-0451	02037	2N3799 2N6594	1854-0095 1854-0098	01973	2N3392
1853-0084 1853-0086	02037	2N4918 2N5087	1853-0453 1853-0454	01698 01698	TIP36 TIP106	1854-0203 1854-0205	02237	2N3694
1853-0087 1853-0089	01921	40394 20101 7	1853-0455	02037	MJE6040 2N5400	1854-0209 1854-0210	02237	2N910
1853-0091	02237	2N4917	1853-0458	02037	MJE251	1854-0211	02037	2N2501
1853-0097 1853-0204	02037	85x29 2N4920	1853-0461 1853-0462	02037 02037	2N3635	1854-0213 1854-0214	01921	2N1482
1853-0205 1853-0206	02037	2N2907 2N4028	1853-0463 1853-0464	02037 01698	TIP105 TIS-149	1854-0215 1854-0216	02037	2N3904
1853-0212 1853-0213	02037	2N5194	1853-0467	02037	MPS-D54	1854-0217 1854-0218	01921	2N3442
1853-0217	02037	MPS-404A	1853-0469	02037	2N6109	1854-0219	01973	2N3663
1853-0221 1853-0222	02037	2N4919	1853-0470 1853-0471	02037 02037	JAN TXV 2N29U/A MD-982	1854-0220 1854-0222	02037	MD2252
1853-0223 1853-0224	02037	2N4902 2N5415	1853-0472 1853-0476	01973 02037	D45H2 MPS-U52	1854-0224 1854-0226	01921	40250
1853-0234 1853-0236	01698	TIP42A 2N5193	1853-0477 1853-0478	02037	JANTXV2N3251A 2N6490	1854-0231 1854-0233	02237	2N3688
1853-0244	02037	MPS3640	1853-0483	02037	ZN0511 ZN0511 ZN1033 MPS U-60 TIP-126 ZN5883 ZN19004 ZN5884 ZN3762 ZN6959 TIP12C MJE170 ZN6520 ZN6520 ZN6520 ZN6528 MH4018 MJE2955K ZN3667 MJE253 MPSH81 MPS-U95 MPSH81 MPS-U95 MPS-U95 ZN6594 TIP106 MJE6040 ZN3799 ZN6594 TIP106 MJE6040 ZN3799 ZN6594 TIP106 TIP106 MJE6040 ZN3109 TIP105 TIP105 TIP105 TIS-149 MPS-U95 JANTXV ZN2907A MD-982 D45H2 MPS-U95 JANTXV ZN2907A ZN6490 MPS-M640 MPS-M640 MPS-U52 JANTXV ZN2907A MD-982 D45H2 MPS-U52 JANTXV ZN2907A ZN6490 MPS-A66	1854-0234	01921	213440

HPP/N Mfr. Desc.		
1854-0235 01921 2N1484	1854-0628 02037 MPS-H17 1854-0632 03334 BFR91	1854-0847 02037 MJE12007
1854-0242 01921 2N3262	1854-0633 02037 MZE800 1854-0634 02037 MFS-U01	1854-0848 01691 2N6584 1854-0849 02037 MFR515
1854-0246 02037 SPS 233 1854-0248 03191 2N4044		1854-0851 02037 2N4428
1854-0252 02037 2N3713 1854-0255 02237 2N3642	1854-0637 02037 2W2219A 1854-0639 01921 RCP-703C	1854-0861 02062 HXTR-6001
1854-0259 02037 2N3766 1854-0260 02037 2N3227	1854-0640 02037 MJE2801K 1854-0642 02037 MJE2801K	1854-0862 02062 HXTR-5002 1854-0863 02062 HXTR-2101
1854-0263 02037 202010	1854-0643 01921 283585 1854-0644 01921 29C	1854-0864 02062 HXTR-6105 1854-0865 03038 IR6062
1854-0264 02037 2N3715 1854-0267 06338 2N3013	1854-0646 03406 LM114AH	1854-0866 02037 MPS834
1854-0270 02037 SPS 3627 1854-0278 02237 2N3302	1854-0647 02037 MJE2102 1854-0648 02037 2N6300	1854-0868 06592 BFR 36
1854-0281 01698 2N2194 1854-0282 01921 2N3583	1854-0653 02037 MJE521K 1854-0654 02037 MJE5192	1854-0872 01973 Dhhuii
1854-0286 03776 2N5217 1854-0287 02237 2N915	1854-0656 02634 2N3414 1854-0659 02037 MJE180	1854-0877 02037 MPS-U07 1854-0878 02062 HXTR-5104
1854-0289 01698 2N730	1854-0662 02037 2N6296	1854-0879 02037 MJE6043 1854-0880 02037 TIP140 1854-0883 02037 MM3904
1854-0301 01921 2N3261	1854-0664 05176 HP-3 1854-0665 06023 BUS11	1854-0883 02037 MM3904 1854-0884 01921 208488 1854-0886 02037 MJE3302
1854-0304 02237 2M2483 1854-0307 03334 BCY 57/LV2345	1854-0665 06023 BUSS1 1854-0667 01921 2N3053 1854-0669 02037 2N6057 1854-0670 01698 TIPI10	1854-0886 02037 MJE3302 1854-0887 02037 MJ11016
1854-0308 01921 2N3553 1854-0311 01921 2N4240	1854-0669 02037 2N6057 1854-0670 01698 TIP110	1854-0889 02037 2N6499
1854-0313 01921 2N3771 1854-0315 01991 2N3633	1854-0671 02037 2N6282 1854-0679 02037 2N5885	1854-0891 06023 BUX82
1854-0296 02037 MPS5543 SELECTED 1854-0301 01921 283261 1854-0307 03334 BCY 57/LV2345 1854-0331 01921 28355 1854-0313 01921 284240 1854-0315 01991 283633 1854-0323 01921 282857 1854-0324 02037 287379	1854-0682 02037 MJE5191 1854-0687 01698 2N3725A	1854-0929 02037 MMBT918
1854-0325 01921 2N3478 1854-0345 02037 2N5179	1854-0691 02037 MPS A18 1854-0692 02037 MJE223	1654-0940 06344 2SC2429 (SEL) 1854-0941 02037 MJ12003
1854-0347 02037 2Nh023	1854-0695 02037 2N5067 1854-0697 02037 2N5886	1854-0942 03334 вгоз4 1854-0944 02062 нхтг-3101
1854-0350 01698 2N3724A	1854-0698 02037 2N6294 1854-0701 02037 MJE2100	1854-0946 00039 NE02135 1854-0948 02037 MJ10006
1854-0352 01921 2N2405 1854-0361 02037 2N4239	1854-0705 10674 DTS-802	1854-0960 01698 TIPL753A 1854-0964 02037 MIJ200
1854-0363 01921 2N5262 1854-0365 02037 2N4410	1854-0707 02037 MJ4035 1854-0708 01921 2N5578	1854-0965 02037 MJ8505
1854-0368 02037 2N5191 1854-0370 01921 2N5204	1854-0709 01921 2N5575 1854-0714 02237 2N5962	1854-0967 02037 TIP41C(SELECTED) 1854-0968 02037 SJ7076
1854-0378 01921 2N5109 1854-0379 01921 2N4208	1854-0715 01921 2N6354 1854-0721 03334 BFR95	1854-0970 01698 TIP102
1854-0382 01921 2N4348	1854-0722 03334 BFR96 1854-0723 03334 BFX89	1854-0971 02062 2N6741 1854-0972 02037 BFRC90
1854-0384 01921 2N5184	1854-0727 01921 2N6474 1854-0730 02037 MPS6531	1854-0973 02037 MPS8098 1854-0977 02037 MPS-A14
1854-0361 02037 2N4239 1854-0365 02037 2N4439 1854-0365 02037 2N4410 1854-0368 02037 2N5101 1854-0378 01921 2N5204 1854-0379 01921 2N5209 1854-0380 01921 2N4298 1854-0383 01921 2N4348 1854-0384 01921 2N5184 1854-0384 01921 2N5184 1854-0386 0237 2N5070 1854-0388 02237 2N5070 1854-0389 02037 2N4922 1854-0399 02037 2N4922 1854-0399 02037 2N5088 1854-0399 02037 2N4912 1854-0409 02037 2N4912 1854-0409 02037 2N4912	1854-0731 02237 2N5089	1854-0978 01973 GES3416 1854-0979 02037 MPS2360
1854-0389 02037 2N4922 1854-0392 02037 2N5088	1854-0733 01921 2N3773 1854-0735 02037 MJE220	1854-0980 02037 MFR961
1854-0397 01698 2N4966 1854-0398 02037 2N5301	1854-0736 02037 MJE5657 1854-0737 01921 2N6477	1854-0982 01698 TIP642
1854-0399 02037 2N4912 1854-0409 02037 2N5210	1854-0738 01921 2N6261 1854-0739 02037 MJE200	1854-0983 02037 MJ12005(SELECTED) 1854-0984 02037 MJ16002 (SELECTED)
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1854-0432 02237 2N3646	1854-0748 02037 2N2896 1854-0749 02037 MUE2361	1854-0989 02037 MJ15003 1854-0990 02037 MRF630
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1854-0467 02037 2N4401 1854-0472 02037 MPS-A14	1854-0754 02037 MJE244 1854-0755 01921 2N6254	1854-0994 02037 2N5179(SEL) 1854-0996 02037 MJE13003
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1854-0492 02037 MPS3643	1854-0763 01698 TIP 141	1854-1001 02037 MPSAC17 1854-1002 00039 NE64535
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1854-0599 01921 2N6078 1854-0600 02037 2N4233A	1854-0825 02062 HXTR-5002	1054-1042 02037 MRF571(SEL) 1854-1043 02037 2N5719(SEL)
1854-0611 02037 2N6055 1854-0612 01921 40608	1854-0826 03406 LM-394ВН 1854-0827 02037 МЈЕ-13000	1854-1044 00039 NE21935 1854-1045 03334 BFR92(SEL)
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1854-0617 01921 40852 1854-0618 02027 47200	1854-0830 03406 LM394 1854-0831 02037 2NGL90A	1854-1049 02037 BFR96 1854-1050 03334 RPP014
1854-0619 03285 AD814	1854-0834 01921 2N6033 1854-0836 02027 NFG 115	1854-1051 02037 2N3772(SEL) 1854-1052 02037 MADDINESS
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1854-0625 01698 TIP-41 1854-0626 02037 MJE802	1854-0765 01921 286292 285292 1854-0766 01921 286306 1854-0767 01921 286306 1854-0768 02037 28390h CHIP 1854-0770 02037 28390h CHIP 1854-0774 01921 286056 1854-0774 01921 286056 1854-0770 02237 PT50 1854-0780 02037 286556 1854-0780 02037 286556 1854-0780 02037 286556 1854-0780 02037 286556 1854-0780 02037 286556 1854-0790 02037 286556 1854-0790 02037 286556 1854-0790 02037 286556 1854-0790 02037 286556 1854-0790 02037 286556 1854-0790 02037 286556 1854-0790 02037 286556 1854-0800 02037 286556 1854-0800 02037 286556 1854-0800 02037 286556 1854-0800 02037 286556 1854-0800 02037 286556 1854-0800 02037 286556 1854-0800 02037 286556 1854-0800 02037 286556 1854-0800 02037 286556 1854-0800 02037 286556 1854-0800 02037 28656 1854-0800 02037 28656 1854-0800 02037 28656 1854-0800 02037 28656 1854-0800 02037 28656 1854-0800 02037 28656 1854-0800 02037 28656 1854-0801 02037 28656 1854-0801 02037 286501 1854-0801 02037 286501 1854-0801 02037 286501 1854-0801 02037 286501 1854-0801 02037 286501 1854-0801 02037 286501 1854-0801 02037 286501 1854-0803 03406	1854-1057 10760 BFR91(AMPEREX)
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TRF150

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1N21BM

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1900-0010

HPP.N

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1855-0010

1855-0020 1855-0021

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02763

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1901-0532 01973	A14P	1901-0954 1901-0960	02037 05088	1N5285 VSK71	1902-0570 1902-0584	02688 02037	DZ70302N SZG30590
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1901-0739 02158	G6R110H	1901-1100 1901-1101	01691	SD-41	1902-0939	02526	1N5908
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1901-0781 02037 1901-0782 02037	MR754 1N5821	1901-1117 1901-1118	00746 06002	1SS135 BYV27-100	1902-0991	02803	1N4577 1 SKE7 5C
1901-0786 02664	1N6074 MR756	1901-1119	02062	5082-3042 1N5758	1902-0994	02037	.4M8.2Z1
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1901-0826 02062	5082-3900 MMTC6050	1901-1128	02037	1N5819 MIR1 05	1902-1171	02037	1N4102
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1901-0839 02037	MR510	1901-1134	02713	GP30B	1902-1228	02037	1N2988RB 1N3997RA
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1901-0843 02037	1N5002R	1901-1138	07766	BYV95C	1902-1259	02037	1N5525C
1901-0844 02037 1901-0845 05088	MPN 3401 VG-2X	1901-1140 1901-1141	02713 03334	BYV27-200	1902-1276 1902-1278	02037 02037	1N2809B 1N5348B
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1901-0848 05088	V334X	1901-1143	02/13	BAV70	1902-1288	02037	1N5338B
1901-0849 02713 1901-0858 03334	1N4007 BYW29-50	1901-1145	02037	BAW56 MBR1645	1902-1292	02037	1N5372B 1N53884
1901-0859 03038	40HQ030	1901-1153	03038	16MQ60(SEL)	1902-1295	02883	CL4720
1901-0860 02037 1901-0861 02037	MBDC101	1902-0003 1902-0018	02037 02037	1N754 1N941	1902-1297 1902-1298	02037 02037	1N4561 1N2820
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1001-0868 02027		1002-002	USUST				
1901-0868 02037 1901-0869 02037	115297	1902-002 7 1902-002 8	02037 02037	1N2999A	1902-1336	02037	1N6001B
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Mar MP N MP N MP N MP N MP N MP N MP MP	1902-1343 02 1902-1345 02	037 1N5338 037 IN5365B	1906-0037 02037 MDA990-1 1906-0039 02664 SCPA1		1906-0270 05088 VHE2402A 1906-0271 05088 R712X	
Mar MP N MP N MP N MP N MP N MP N MP MP	1902-1346 02 1902-1347 02	037 1N5355B 037 5M22ZS2	1906-0040 02664 SCDA1 1906-0049 02037 MDA980-6		1906-0272 02713 KBPC12-02-W 1906-0274 03038 100JB4L	
Mar MP N MP N MP N MP N MP N MP N MP MP	1902-1352 01	691 LVA 456A	1906-0052 05088 VH148		1906-0275 02634 TND908	
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Mar MP N MP N MP N MP N MP N MP N MP MP	1902-1391 02 1902-1392 02	037 1N4683 037 1N5256(SELECTED)	1906-0072 02664 SCBA2F 1906-0074 02237 FSA3157P		1906-0281 02713 KBPC-W35-04(S 1906-0282 02883 DPAD1	SELECTED)
Mar MP N MP N MP N MP N MP N MP N MP MP	1902-1394 02	037 1N5378B	1906-0079 05088 VJ148X		1906-0283 02713 DF04	
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Mar MP N MP N MP N MP N MP N MP N MP MP	1902-1398 02	037 1N521D 037 1N5248 SELECTED	1906-0090 00046 898-1 1906-0092 02634 ND946		1906-0287 02037 MMDC6150	
Mar MP N MP N MP N MP N MP N MP N MP MP	1902-1400 02 1902-1401 02	1037 1N5244 SELECTED 1037 1N2835A	1906-0093 02037 MDA3501 1906-0094 02037 MDA-104		1906-0288 02037 MMDC6100 1906-0289 05088 VM28X	
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Mar MP N MP N MP N MP N MP N MP N MP MP	1902-1408 02	1037 1N5243(SELECTED)	1906-0204 02062 5082-2804		1906-0294 02865 DMF5848	
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Mar MP N MP N MP N MP N MP N MP N MP MP	1902-1426 02	037 1N5230(SELECTED)	1906-0217 02037 MDA3506		1910-0002 02682 1N38B	
Mar MP N MP N MP N MP N MP N MP N MP MP	1902-1430 02	1037 . 4M6 . 22210	1906-0221 02037 MDA3500		1910-0004 06418 1N90	
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16MQA 0.5EL 0.6078 1.001.0900 1.N277 0.7682 1.910.0014 1.M3644 0.2664 1.901.0752 1.00168L 0.10183 1.901.1533 1.N279 0.0682 1.910.0033 1.M3659 0.2071 1.901.0428 1.00184 0.10185 0.10	JDEC .4M6.22210 .4M8.2221 1.5KE100C 1.5KE15A 1.5KE200C 1.5KE300A 1.5KE300A 1.5KE40CA 1.5KE4CCA 1.5KE4CCA 1.5KE5E4CCA	Mfr HP P/N 02037 1902-1430 02037 1902-0994 03287 0837-0256 03287 1901-0917 03287 0837-0257 03287 0837-0277 03287 0837-0276 03287 0837-0276 03287 0837-0289 03287 0837-0283 03287 1902-0993 03287 0837-0267 02526 1902-0976 03038 1906-0274 03038 1901-1136	1N2148 1N2158 1N2158R 1N21E 1N21EMR 1N21E 1N2242 1N2326 1N23B 1N23C 1N25C 1N25C 1N25C 1N25C 1N25C 1N253	04583 1901-0398 01973 1901-0305 01973 1901-0305 05695 1900-0001 01250 1900-0010 02865 1900-0017 05131 1901-0151 01921 1910-0041 01250 1900-0012 05695 1900-0018 01973 1901-0310 02037 1901-0057 01991 1901-0013	1N3212 1N3260R 1N3262R 1N3289R 1N3289R 1N3491 1N3491 1N3492 1N3493 1N3494 1N3495 1N344	02682 1910-0031 05644 1912-0022
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Nil 18	JDEC .4M6.2Z210 .4M8.2Z21 1.5KE100C 1.5KE15A 1.5KE200C 1.5KE300A 1.5KE400A 1.5KE47CA 1.5KE47CA 1.5KE52 1.5KE82 1.5SE18C 100JB4L 10TQ045 12CTQ030 12CTQ040 150JB4L 16MQ40(SEL) 16MQ60(SEL) 18AB60 1M120ZS5	Mfr HP P/N 02037 1902-1430 02037 1902-0994 03287 0837-0256 03287 1901-0917 03287 0837-0257 03287 0837-0277 03287 0837-0276 03287 0837-0276 03287 0837-0289 03287 0837-0283 03287 1902-0993 03287 0837-0267 02526 1902-0976 03038 1906-0274 03038 1906-0250 03038 1906-0250 03038 1906-0250 03038 1906-0250 03038 1906-0250 03038 1906-0269 03038 1901-1135 03038 1901-1153 03038 1901-0990 03038 1901-1153	1N2148 1N2158 1N2158 1N215B 1N21B 1N21BMR 1N21E 1N2242 1N2326 1N23B 1N23C 1N25C 1N25C 1N25C 1N25C 1N25C 1N25C 1N25C 1N277 1N270 1N276 1N277 1N277 1N277 1N277 1N2805A 1N2805B	04583 1901-0398 01973 1901-0305 01973 1901-0305 05695 1900-0001 01250 1900-0010 02865 1900-0017 05131 1901-0151 01921 1910-0041 01250 1900-0012 05695 1900-0018 01973 1901-0310 02037 1901-0013 04583 1901-0383 02037 1902-0157 02682 1910-0013 02682 1910-0013 02682 1910-0013 02682 1910-0013 02682 1910-0013 02682 1910-0013 02682 1910-0013 02682 1910-0013 02682 1910-0013	1N3212 1N3260R 1N3262R 1N3289 1N3289R 1N3289R 1N3491 1N3491 1N3492 1N3493 1N3495 1N3495 1N3495 1N340 1N3560 1N3563 1N3561 1N3659 1N3660 1N3660 1N3660	02682 1910-0031 02682 1910-0031 03644 1912-0022 01921 1901-0742 01973 1901-0304 02664 1901-0752 02637 1901-0428 02037 1901-0429 02037 1901-0430
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MJE2901K MJE2901T	02037 1853-0365 02037 1853-0547	MPS8098 MPS834	02037 1854-0973 02037 1854-0866	RCA9212A RCP-703C	01921 1855-0512 01921 1854-0639
MJE2955K	02037 1853-0441	MPSA65 MPSA76	02037 1853-0412 02037 1853-0572	RFP10N12 RGP-10M	01921 1855-0565 02713 1901-0847
MJE3302 MJE340	02037 1854-0622	MPSA92	02037 1853-0336	RGP15M	02713 1901-0997 01921 1901-0987
MJE371K MJE371K(SELECTED)	02037 1853-0369 02037 1853-0450	MPSAC17 MPSC404A	02037 1854-1001 02037 1853-0555	RUR810 RUR810	01921 1901-1113
MJE5191 MJE5192	02037 1854-0682 02037 1854-0654	MPSH10 MPSH10	02037 1854-0795 02037 1854-0993	S17843 S2F	02237 1854-0022 02664 1901-0646
MJE5194	02037 1853-0385 02037 1853-0372 02037 1853-0372	MPSH81 MPSHC10	02037 1853-0448 02037 1854-1058	532248 54F	02237 1853-0058 02664 1901-0669
MJE5195 MJE521K	02037 1854-0653	MPSW06	02037 1854-0997	SA15A	03287 0837-0241 03287 0837-0271
MJE5657 MJE6040	02037 1854-0736 02037 1853-0455 02037 1853-0879 02037 1853-0347 02037 1853-0347	MPSW55 MPSW56	02037 1853-0559 02037 1853-0552 03287 0837-0279	SA15CA SA40CA	03287 0837-0255
MJE6043 MJE700	02037 1854-0879	MPTE-10C MR1-1400	03287 0837-0279 02037 1901-0885	SA7.5C SB1660	03287 0837-0281 02713 1906-0300
MJE800	02037 1854-0581 02037 1854-0633	MR1033A	02037 1901-0411 02037 1901-0413	SCAJ1 SCBA2F	02664 1901-0526 02664 1906-0072
MJE800 MJE802	02037 1854-0626	MR1035A MR1120	02037 1901-0495	SCDA1	02664 1906-0040
мм3904 мм3906	02037 1854-0883 02037 1853-0276	MR1120R MR1121	02037 1901-0585 02037 1901-0496	SCPA05F SCPA1	02664 1906-0071 02664 1906-0039
MM4018 MM4032	02037 1853-0440 02037 1853-0489	MR1121R MR1122	02037 1901-0592 02037 1901-0497	SD-241 SD-41	01691 1906-0239 01691 1901-1100
мм4645	02037 1853-0308	MR1123	02037 1901-0498 02037 1901-0630	SD103C SD211DE(SELECTED)	02682 1901-0999 09283 1855-0215
MM5262 MM8001	02037 1854-0802 02037 1854-0580	MR1123R MR1124		SD213	09283 1855-0440
MM8006 MM8C1321Q5	02037 1854-0540 02037 1854-1020	MR1125 MR1126	02037 1901-0500 02037 1901-0551	SD214 SD215	02910 1855-0269 02910 1855-0241
MMBD101	02037 1900-0037 02037 1900-0039	MR1128 MR1130	02037 1901-0499 02037 1901-0500 02037 1901-0551 02037 1901-0552 02037 1901-0825 02037 1901-0824 02037 1901-0978 02037 1901-01121	SD215 SD306(SEL)	09283 1855-0559
MMBD352 MMBD6050	02037 1901-1142	MR2004S	02037 1901-0825	SE5055	09283 1855-0557 02237 1854-0388 00046 1906-0259
MMBD7000 MMBR931	02037 1906-0298 02037 1854-1027	MR2004SR MR2400	02037 1901-0978	SES5603CR SFE793	00040 1908-0279 02037 1855-0020 02664 1901-0998 03793 1858-0022 02237 1858-0020 02237 1821-0006 02037 1858-0968 01590 1858-0101
MMBT2222A MMBT2907A	02037 1854-1053 02037 1853-0525	MR2406 MR2406F		SFRO SG3821N	02664 1901-0998 03793 1858-0022
MMBT3904	02037 1854-1037	MR501 MR502	02037 1901-1081 02037 1901-0870	SH6401PC SH6501PC	02237 1858-0020 02237 1821-0006
ммвт3906 ммвт4403	02037 1853-0567 02037 1853-0580	MR504	02037 1901-1000	SJ7076	02037 1854-0968
MMBT5087 MMBT5401	02037 1853-0568 02037 1853-0581	MR508 MR510	02037 1901-0889 02037 1901-0839	SL2364C SMFR30K	
MMBT5550	02037 1854-1052 02037 1854-1014	MR751 MR752	02037 1901-0662 02037 1901-0788	SPQ1678 SPS 233	02037 1858-0052 02037 1854-0246
MMBT6429 MMBT918	02037 1854-0929	MR754	02037 1901-0767	SPS 3627 SX43	02037 1854-0270 02664 1902-1385
MMBTA55 MMBZ-5232	02037 1853-0566 02037 1902-1436	MR754 MR756	02037 1901-0781 02037 1901-0787	SXT8-2N2219A	02037 1854-1021
MMBZ-5241 MMCS2369	02037 1902-1437 02037 1854-0752	MR820 MR822	02037 1901-1086 02037 1901-0685	SZ11213-48 SZ1521-250	02037 1902-0517 02037 1902-0027
MMD6100	02037 1906-0025 02037 1906-0024	MR850 MR852	02037 1901-0789 02037 1901-0692	SZG30590 T1D778	02037 1902-0584 00046 1901-0979
MMD6150 MMD7000	02037 1906-0024	MR854	02037 1901-0719	T1P-33	01698 1854-0594

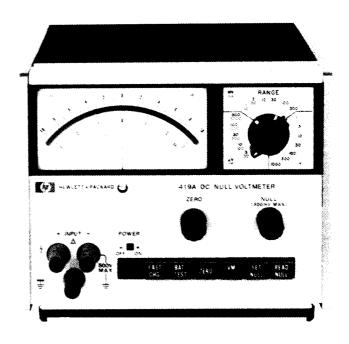
JDEC	Mfr	HP P/N			_			
			TN-4030-J25Z	03406	1853-0551	V39ZA1	01973	0837-0278
T1P140	01698	1854-0663	TND908	02634	1906-0275	V430MA3A	01973	0837-0196
TG-10	05088	1901-0995	TPQ6002	02634	1858-0083	V47MA2B	01973	0837-0243
THD4150	02634	1901-1124	U1897E	03406	1855-0436	V56MA2B	01973	0837-0285
TID130	01698	1906-0202	U310	02883	1855-0530	VA114	02569	0122-0008
TIP 115	01698	1853-0377	U310(SELECTED)	02037	1855-0235	VA126	02569	0122-0031
TIP 141	01698	1854-0763	U311	02883	1855-0519	VB10X	05088	1901-1105
TIP-122	01698	1854-0828	U440	02883	1855-0573	VCR2N	02883	1855-0265
TIP-126	01698	1853-0424	UC310	02037	1855-0552	VCR3P	02883	1855-0205
TIP-127	01698	1853-0468	UDN2580A	02634	1858-0085	VE48	05088	1906-0006
TIP-34	01698	1853-0350	UES 2402	00046	1906-0262	VG-2X	05088	1901-0845
TIP-35A	01698	1854-0593	UES-1106	09914	1901-1106	VH148	05088	1906-0052
TIP-41	01698	1854-0625	UES1105	09914	1901-1110	VHE2402A	05088	1906-0270
TIP100	02037	1854-0840	UES1303	09914	1901-1111	VJ148X	05088	1906-0079
TIP102	01698	1854-0970	UES1305	09914	1901-1108	VJ848TT	05088	1906-0085
TIP105	02037	1853-0463	UES1306	09914	1901-1109	VK248	05088	1906-0205
TIP106	01698	1853-0454	UES2605	00046	1906-0277	VKP 248	05088	1906-0264
TIP107	02037	1853-0490	UES601R	00046	1901-0953	VL447	05088	1906-0216
TIP110	01698	1854-0670	UES803	00046	1901-1127	VM28X	05088	1906-0289
TIP112		1854-1023	UES803R	00046	1901-0961	VMP-1	02883	1855-0263
TIP140		1854-0880	UES804	00046	1901-0904	VN0104N3	07221	1855-0546
TIP142	02037		ULN-2003A	02634	1858-0047	VN0300L	02883	1855-0555
TIP145	02037	1853-0498	ULN-2003A(SEL)	02634	1858-0099	VN0300M	02883	1855-0525
	03406	1853-0537	ULN-2004A	02634	1858-0061	VN10KE	02883	1855-0545
TIP32C	01698	1853-0453	ULN-2023A	02634	1858-0097	VN10KM	02883	1855-0423
TIP36	01698	1854-0456	ULN-2033A	02634	1858-0067	VN10LE	02883	1855-0560
TIP41A				02634	1858-0069	VN2222L	02883	1855-0556
TIP41C	02037	1854-0799	ULN-2803A	02634	1858-0082	VN66AF		
TIP41C(SELECTED)	02037	1854-0967	ULN-2804A		1858-0084	VPO300L	02883	
TIP42	01698		ULN-2804A	02634				1855-0550
TIP42A	01698	1853-0234	ULN-2805A	02634	1858-0073	VP0300M	02883	
TIP42C	02037	1853-0431	ULN-2813A	02634	1858-0072	VS148	05088	
TIP47	02037	1854-0838	ULN-2815A-2	02634	1858-0065	VSK12	05088	1906-0263
TIP51	01698	1854-0806	ULN2082A	02634	1858-0037	VSK231	05088	
TIP642	01698	1854-0982	USD 745C	00046	1906-0265	VSK3040T	05088	
TIP647	01698	1853-0543	V120MA1A	01973	0837-0273	VSK540	05088	1901-0976
TIP75B	01698	1854-0803	V120ZA6	01973	0837-0292	VSK71	05088	
TIPL753A	01698	1854-0960	V275LA20A	01973	0837-0261	VX30	00046	1901-0984
TIR101B	01698	1906-0213	V300LA4	01973	0837-0268	WO2M	02713	1906-0256
TIR201B	01698	1906-0214	V334X	05088	1901-0848	X45H281	01973	1853-0363
TIS-149	01698	1853-0464	V336X	05088	1901-0882	ZSK533	00039	1855-0571

Safety-Related Service Notes

Service Notes from HP relating to personal safety and possible equipment damage are of vital importance to our customers. To make you more aware of these important notes, they are printed on paper with a red border, and the service note number has a "-S" suffix. In order to make you immediately aware of any potential safety problems, we are highlighting safetyrelated service notes here with a brief description of each problem. Also, in order to draw your attention to safety-related service notes on the service note order form at the back of Bench Briefs, each appropriate number is highlighted by being printed in color.

HP 419A DC Null Voltmeter

Some older 419A Voltmeters may have a potential shock hazard. If the instrument is floated above ground, control shafts (and control knob set screws) on the NULL and ZERO pots, and the RANGE switch are at the same potential as the – (minus) input terminal



Checking For Isolation

- With all power removed from the 419A and the line switch off, connect one lead of an ohmmeter to the - (minus) input terminal.
- 2. Set the ohmmeter on the 10hm range.
- Connect the other ohmmeter lead to the set screws on the NULL pot, ZERO pot, and RANGE switch one at a time and check for continuity.

4. The ohmmeter should read infinity If it shows continuity instead, HF recommends that modification ki HP P/N 00419-69500 be installed.

Please order service note 419-7C-S for more details.

5342A Frequency Counter

5342A Counters with serial numbers 2317A07600 through 2317A07800 may

Replacement Part Cross Reference

When selecting replacement parts for your HP products, you may notice that many manuals list only an HP part number for the part, even though it appears that this part is manufactured by one of the large semiconductor manufacturers. Service personnel often ask why only HP part numbers are listed.

It is recommended that HP replacement parts be used to ensure that original performance of the product will be retained. While some parts used in HP instruments are identical to those that can be purchased at a local electronics distributor, many times parts will be selected for certain characteristics,

such as gain, bandwidth, capacitance, etc. There may also be slight mechanical differences, such as the shaping or length of leads. In some cases special quality checks are used to ensure that high reliability parts are used at the factory and at HP field offices.

Therefore, we suggest obtaining replacement parts from HP to maintain the quality that you have paid for in your instrument. There may be situations however, where HP replacement parts are not in stock and substituting parts will allow you to return the product to service immediately. In these cases it may be worthwhile to see if a substitute part

will work in the circuit. Perhaps an HP part could be ordered and installed at some later date.

To help you in these situations, here is a cross-reference of HP part numbers to JEDEC numbers for transistors and diodes.

NOTE

This is not a comprehensive list. Many semiconductors are made exclusively for Hewlett-Packard and there are no substitutes. If the part number you are looking for is not listed here, it does not have a JDEC number and must be replaced with the same HP part number.

Manufacturers Code Number Cross Reference

No.	Manufacturer			No.	Manufacturer	
00039	NEC ELECTRONICS INC	MTN VIEW	CA US 94043S0545 8	03627	SOLID STATE DEVICES INC	LA MIRADA CA 9063830043 7
00046	UNITRODE CORP	LEXINGTON	MA US 021739N171 3	03714		CUPERTINO CA CA 9501432293 3
00746		IRVINE	CA US 927132M627 8		KERTRON INC	RIVIERA BEACH FL 3340433904 2 SAN JOSE CA US 9513434333 7
01250		WALTHAM SANTA ANA	MA 0215494151 0 CA 9270552648 9	03793 03799	SILICON GENERAL INC HARRIS CORP	MELBOURNE FL US 3290134371 4
01590 01691		LAWNDALE	CA 9026001281 5	03811		SANTA CLARA CA US 9505434649 7
01698		DALLAS	TX US 7526501295 0	04200		LEXINGTON MA US 0217356289 2
		NEW YORK	NY US 101123L585 6	04486		NEW YORK NY US 1002271468 7 CLIFTON NJ US 0701271744 7
01973		AUBURN PHOENIX	NY US 1320103508 7 AZ 850197E372 4	04504 04507	GENERAL INSTRUMENT CORP	CLIFTON NJ US 0701271744 7 CLEVELAND OH US 4412471785 0
01979	LANSDALE TRANSISTOR & ELEK INC TRANSITRON ELECTRONIC CORP	WAKEFIELD	MA 0188024046 9	04550		FAIRFIELD CT US 0643072799 0
02037		ROSELLE	IL US 6019504713 0	04583	BRADLEY SEMICONDUCTOR CORP	NEW HAVEN CT 0650673506 1
02062	HP DIV 05 MSD	SAN JOSE	CA US 9430428480 8	05088	VARO INC	GARLAND TX US 750461B546 0 YONKERS NY 1071083701 8
02086			PA 1569705277 7 CT 0651206288 4	05131 05176		YONKERS NY 1071083701 8 CANOGA PARK CA US 9130484411 3
02158	EDAL INDUSTRIES INC PRECISION MONOLITHICS INC	EAST HAVEN SANTA CLARA	CT 0651206288 4 CA US 9505406665 8		PHILCO-FORD CORP SIERRA ELEK OPN	
	FAIRCHILD SEMICONDUCTOR CORP	CUPERTINO	CA US 9501407263 6	05695	M/A-COM DBA MICROWAVE ASSOC. INC	BURLINGTON MA 0180396341 2
02526	SEMICON INC	BURLINGTON	MA 0180311961 2	05840		
02569		CAMBRIDGE	MA 0214012498 2	05946		HAMBURG GM 2000D2540 9 PARIS FR 0
02619		TAPPAN CONCORD	NY 1098313327 35 NH 0330113606 4		R T C DIVISION COGECO MULLARD LTD	PARIS FR 0 EG K0004 6
	SPRAGUE ELECTRIC SEMICON DIV SEMTECH CORP	NEWBURY PARK	CA 9132014099 1		INTL RECTIFIER LTD	IR 0
	ITT SEMICONDUCTORS DIV	TUSTIN	CA US 9268014433 3		SIEMENS AG	MUNICH GM 8000 8
	MICROSEMI CORP	SCOTSDALE	AZ US 8525214552 0	06338		MILAN IT A3500 8
	GENERAL INSTRUMENT CORP (DIODE)	HICKSVILLE	NY US 1180214936 6 CA 9404315818 1		FUJITSU MICROELECTRONICS INC TOSHIBA CORP	SANTA CLARA CA US 95054S0167 6 TOKYO JP S0562 5
02763	TELEDYNE SEMICONDUCTOR INTL DIODE CORP	MOUNTAIN VIEW JERSEY CITY	CA 9404315818 1 NJ 0730416068 9	06418		GLENROTHES FIFE SC K3444 8
	M/A-COM INC	BURLINGTON	MA US 0180316179 8	06563		SCOTTSDALE AZ 8525212954 31
02803	CODI SEMICONDUCTOR	LINDEN	NJ 0741016352 5	06592		MILAN IT A3500 0
02865		WOBURN	MA 0180117540 4 CA US 9505417856 7	06632		STUART FL 1135650891 4 SANTA CLARA CA 9505054186 8
02883 02910		SANTA CLARA SUNNYVALE	CA US 9505417856 7 CA US 9408618324 8	07050 07221		SUNNYVALE CA 94086 5
03038		LOS ANGELES	CA US 900699M011 7	07766		VILLEVRBANNE FR 9
03171	SOLITRON DEVICES INC	PALM BEACH	FL US 3340434677 6	08709		SECAUCUS NJ US 07094 8
03191			CA 9212322229 34		METELICS CORP	SUNNYVALE CA 6
03285		NORWOOD TEMPE	MA US 0206224355 4 AZ US 8528124444 0	09283 09914		SAN JOSE CA US 95132 3 LEXINGTON MA 23
03287	AVANTEK INC	SANTA CLARA	CA US 9505424539 2	10674		UNION NJ US 0
	NV PHILIPS ELCOMA	EINDHOVEN	NE 0287625403 0	10743		SANTA ROSA CA 3
	NATIONAL SEMICONDUCTOR CORP	SANTA CLARA	CA US 9505227014 6	10818		BR 3
03447	HUGHES AIRCRAFT CO NEWP BEACH DIV	NEWPORT BEACH	CA 9266327832 0 PA 1891532113 7	10881 11708		COURBEVOIE FR 1 VELIZY VILLACOU FR 78140 5
03571	LANSDALE XSTR ELEK CO ADVANCE LINE	COLMAR	PA 1891532113 7	12010		TOKYO JP 100 5
HP P	/N Mfr. Desc.	1850-00	n65 01921 2N1370	1850-	0137 01979 2 N 976	1850-0418 02713 2 N 600
1820-			074 01921 2N1396	1850-	0146 02619 2N1501	1850-0439 02037 MA4404A
1820-	0352 01921 CA3018	1850-00			0150 05840 2N1358	1850-0440 02037 MP603 1850-0441 06632 2N779A
1820-		1850-00 1850-00	076 01698 2N2556 078 02037 2N398B		0151 01698 2N1309 0154 01979 2N508A	1851-0002 01698 2N388A
1821- 1821-			085 02037 2N964		0156 01979 SA617	1851-0003 01698 2N388A
1821-		1850-00		1850-	0160 01921 2N2147	1851-0006 01973 2N169A
1850-	0003 03334 2N1516	1850-00		1850-		1851-0007 01973 2N169A 1851-0009 01698 2N388A
1850-		1850-00		1850-		1851-0009 01698 2N388A 1851-0011 01698 2N1306
1850- 1850-		1850-00 1850-01			0172 01698 2N2996	1851-0021 01698 2N388A
1850-		1850-01		1850-	0173 01698 2N1307	1851-0024 01698 2N388A
1850-		1850-01	10 02713 2N604	1850-		1851-0025 01698 2N1306
1850-	0043 03334 2N1516	1850-01		1850-		1851-0031 01698 2N1605 1851-0034 01698 2N1605A
1850-		1850-01 1850-01	112 01698 2N2001 113 01698 2N1997	1850- 1850-		1851-0034 01696 2N1605A 1851-0037 01698 2N1308
1850- 1850-			113 01696 201997 114 01921 201905	1850-		1851-0038 01973 2N1121
1850-			19 02037 2N963	1850-	0194 05840 2N1523	1851-0041 03334 2N2430
1850-	0059 02037 2N174	1850-01	26 01921 2N2869	1850-		1853-0002 02619 2N1027
1850-		1850-01		1850-		1853-0006 02037 2N3134 1853-0007 02037 2N3251
1850-			L30 02037 2N1193 L31 02037 2N1192		0409 01698 2N2664 0417 02713 2N597	1853-0000 02037 2N3250
1850-	-0064 01921 2N1183	1020-01	TIT OCOI CHITAC	10,0	EN/71	10/333-7*

3RD QUARTER 1987 BENCH BRIEFS 3

HP P/N Mfr.	Desc.			2N6520 2N624B MN4018 MN4018 MN52955T 2N3867 MNE233 MPS-195 ZN3867 MNE371K(SELECTED) 2N3799 2N6594 TTP36 TTP36 TTP36 TTP36 TTP106 MNE6040 2N5100 MNE251 2N6403 EN5400 MNE251 ZN6318 ZN6335 TTF105 TTS-149 MNS-054 ZN6325 JANTXV 2N2907A MD-982 JANTXV 2N2907A MD-982 JANTXV 2N2907A MNE-192 JANTXV 2N2907A MNS-192 JANTXV 2N2907A MNS-195 JANTXV 2N2907A MNS-197 JANTXV 2N2907A JANTXV 2N2907A MNS-197 JANTXV 2N2907A JANTXV 2N29			MMETAL 26 2N4405 1T19327 MMESM51 2N61622 MMSSM51 2N61624 MMSSM51 2N6667 2N3610RIRAL 2N6667 2N6107(SEL) TIPP115 2N6213 BFQ230 2N3811 2SB1007 2N718 2N1708 2N1708 2N1708 2N1708 2N1708 2N1709 2N8311 2N835 2N1712 2N8313 2N335 2N2712 2N8313 2N335 2N2712 2N8313 2N335 2N2712 2N335 2N2712 2N335 2N2712 2N335 2N2716 2N335 2N2716 2N335 2N2716 2N335 2N3710 2N3855A 2N3959 2N3955 2N3110 2N3959 2N3966 2N3999 2N399			
1853-0012 02037	2N2904A	1853-0437	02037	2N6520	1853-0645	02037	MMBT4126	1854-0399	02037	2N4912
1853-0013 01698 1853-0014 02237	2N2904 2N3304	1853-0439 1853-0440	01921 02037	2N6248 MM4018	1853-0650 1853-0652	02037	2N4405 MJE15031	1854-0409 1854-0411	02037	2N5210 2N2972
1853-0019 01698 1853-0023 01698 1853-0028 02037	2N1131 2N3703 2N3634	1853-0441 1853-0442 1853-0447	02037	MJE29991 2N3867 MJE253	1853-0657	02037	MJE5852 2N3006(SEL)	1854-0418 1854-0431	02237	2N3426 2N3563 2N5179
1853-0031 02037 1853-0033 04200	2N3789 2N3318	1853-0448 1853-0449	02037	MPSH81 MPS-U95	1853-0660 1853-0661	02037	MPSW51 2N6124	1854-0432 1854-0435	02237	2N3646 A211
1853-0036 03406 1853-0043 02037	2N3906 MPS 6523	1853-0450 1853-0451	02037 01698	MJE371K(SELECTED) 2N3799	1853-0662 1853-0663	02037 02037	MPSH54 MD6002	1854-0453 1854-0454	02037 01921	2N5192 2N5496
1853-0045 01921 1853-0046 02037	2N4036 2N3250	1853-0452 1853-0453	02037	2N6594 TIP36	1853-0664 1853-0665	02237	PN4250 2N3640RLRA1	1854-0456 1854-0467	01698 02037	TIP41A 2N4401
1853-0051 01921 1853-0052 02037 1853-0057 02631	2N4037 2N3740 3N91	1853-0454 1853-0455	02037	MJE6040 2N5400	1853-0667 1853-0668	02037	2N6667 2N6107(SEL)	1854-0472 1854-0474	02037	MPS-A14 2N5551 2N3879
1853-0058 02237 1853-0059 02037	532248 2N3791	1853-0458 1853-0461	02037	MJE251 2N6318	1853-0670 1853-0672	02037	2N6213 BFQ23C	1854-0477 1854-0478	02682	2N2222A 2N4046
1853-0071 02037 1853-0072 02237	2N3494 2N4034	1853-0462 1853-0463	02037 02037	2N3635 TIP105	1853-0673 1853-0674	02037 00746	2N3811 2SB1007	1854-0492 1854-0514	02037 02037	MPS3643 MPS-U02
1853-0081 02237 1853-0084 02037	2N4258 2N4918	1853-0464 1853-0467	01698	TIS-149 MPS-D54	1854-0004 1854-0005	01698	2N743 2N708	1854-0518 1854-0519	02037 01921	2N5877 2N3772
1853-0086 03406 1853-0087 01921	2N5087 40394	1853-0468 1853-0469	02037	2N6109 JAN TXV 2N2907A	1854-0010 1854-0011	02037	2N (09 2N834 2N835	1854-0527 1854-0534	02037	2N2895 2N5838 MM8006
1853-0089 02237 1853-0091 02237 1853-0097 02237	2N4917 2N4917 BSX29	1853-0471 1853-0472	02037	MD-982 D45H2	1854-0013 1854-0014	02037	2N2218A 2N2720	1854-0547 1854-0548	01698	2N3725 2N5963
1853-0204 02037 1853-0205 02037	2N4920 2N2907	1853-0476 1853-0477	02037 02037	MPS-U52 JANTXV2N3251A	1854-0017 1854-0021	02237 02237	2N706A 2N918	1854-0555 1854-0556	02037 02037	MMT3960 2N4237
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1853-0258 02237 1853-0264 02037	2N4035 2N5401	1853-0497 1853-0498	04550	D45H11 TIP145	1854-0053 1854-0056	02037	2N2218 2N3119	1854-0586 1854-0587	02037	MJE182 2N5429 MMT3960A
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1853-0277 01921 1853-0280 02037	2N5954 2N5195	1853-0523 1853-0524	02037 02037	2C4403 MJ11021	1854-0062 1854-0063	01921 01921	2N1701 2N3055	1854-0591 1854-0593	03334 01698	BFR90 TIP-35A
1853-0281 02682 1853-0287 02037	2N2907A 2N3250	1853-0525 1853-0526	02037	MMBT2907A 2N6437	1854-0066	01698	2N3710 2N2925	1854-0594 1854-0596	01698	T1P-33 2N5427 2N5943
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1853-0311 02037 1853-0314 02037	2N3792 2N2905A	1853-0542 1853-0543	02037	2N6491 TIP647	1854-0086 1854-0090	03334	DTS413 2N3053LV 2449	1854-0615 1854-0617	01921	40854 40852
1853-0318 02037 1853-0320 02237	MPS6562 2N4032	1853-0545 1853-0546	10881	BCX18 2N3765	1854-0095 1854-0098	01921	40346 2N3392	1854-0619 1854-0621	03285	MJ3000 AD814 BF258
1853-0322 01698 1853-0323 02037	282904 282904 282904 283304 281331 283703 283524 283789 283318 283396 MFS 6523 284036 283250 284036 283250 284037 283740 3891 283494 284034 284034 284034 284034 284036 284037 284918 285918 28	1853-0547 1853-0548	02037	MJE2901T 2N6420	1854-0203 1854-0209	02237 02237	2N3694 2N910	1854-0622 1854-0623	02037	MJE340 2N6306
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1853-0332 02037 1853-0334 02037	MJE1091 MJE1090	1853-0552 1853-0553	02037	MPSW56 A440	1854-0213 1854-0214	01698	2N2538 2N1482	1854-0626 1854-0628	02037	MJE802 MPS-H17
1853-0336 02037 1853-0340 02037	MPSA92 2N5884	1853-0557 1853-0558	02037	MPSC404A BD416 2N655h	1854-0216 1854-0217	01921	2N3441 2N3442	1854-0633 1854-0633	02037	BFR91 MJE800 MPS-U01
1853-0341 02037 1853-0342 01921	MJE172 40831	1853-0559 1853-0563	02037	MPSW55 2N3906(SEL)	1854-0218 1854-0219	01973 01973	2N3393 2N3663	1854-0635 1854-0637	04550	D44H5 2N2219A
1853-0344 02037 1853-0347 02037	2N5876 MJE700	1853-0565 1853-0566	02037 02037	2N4403 MMBTA55	1854-0220 1854-0222	02037 02037	2N3959 MD2252	1854-0639 1854-0640	01921 02037	RCP-703C MJE2801K
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1853-0351 02037 1853-0353 02037	2N6053 MPS-U55	1853-0571	02037	2N2905A(SEL) MPSA76	1854-0233 1854-0233	01921	2N3866 2N3440	1854-0646 1854-0647	03406	29C LM114AH M.TE2102
1853-0355 01698 1853-0356 01698	BF398 TIP42	1853-0573 1853-0574	10881	2N6709 2N3468	1854-0235 1854-0238	01921	2N1484 2N3933	1854-0648 1854-0653	02037	2N6300 MJE521K
1853-0360 02037 1853-0362 02037	2N3799 2N6053	1853-0576 1853-0577	02037 02037	2N5416(SEL) 2N3906RLRA2	1854-0242 1854-0246	01921 02037	2N3262 SPS 233	1854-0654 1854-0656	02037 04200	MJE5192 2N3414
1853-0363 04550 1853-0364 02037	X45H281 MJE701	1853-0578 1853-0580	02037	NE90115 MMBT4403	1854-0248 1854-0252	03191	2N4044 2N3713	1854-0659 1854-0662	02037	MJE180 2N6296
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1853-0368 02037 1853-0369 02037	MJE170 MJE371K	1853-0585 1853-0587	02037 02037	2N5679 MPS4250A	1854-0263 1854-0264	02037 02037	2N3019 2N3715	1854-0667 1854-0669	01921 02037	2N3053 2N6057
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1853-0372 02037 1853-0373 02237	MJE5195 2N5022 TID 115	1853-0590 1853-0594	02037	2N4036 2N3808	1854-0278 1854-0281	02237	2N3302 2N2194 2N3583	1854-0679 1854-0682	02037	2N5885 MJE5191
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1853-0383 02037 1853-0384 02037	2N6296 2N3244	1853-0599 1853-0600	03334 02037	BCF70 2N4403	1854-0289 1854-0296	01698 02037	2N730 MPS6543 SELECTED	1854-0692 1854-0695	02037 02037	MJE223 2N5067
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1853-0399 03406 1853-0404 01698	2N3467 A5T4260	1853-0616 1853-0617	03334 02037	BFT92 2N6298	1854-0323 1854-0324	01921 02037	2N2857 2N3739	1854-0709 1854-0712	01921 02180	2N5575 MAT-01GH
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1853-0414 02037 1853-0416 02037	2N6423 MPS-A64	1853-0625 1853-0626	02037 02037	MRF545 MPS2907A	1854-0352 1854-0361	01921	2N2405 2N4239	1854-0727 1854-0730	01921	2N6474 MPS6531
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1853-0424 01698 1853-0425 02033	TIP-126 2N5883	1853-0636 1853-0637	03334	2SA812 MMBT4260	1854-0383 1854-0384	01921	40313 2N5184	1854-0741 1854-0743	02037	2N6338 2N5878
1853-0426 02031 1853-0428 02031	2N4904 2N5684	1853-0638 1853-0639	02037 02037	2N3638 MPSH81	1854-0386 1854-0388	01921 02237	2N5070 SE5055	1854-0746 1854-0747	02037 05176	2N6339 HP-4
1853-0429 02037 1853-0430 02037	2N3762 2N4959 7 TEDISC	1853-0640 1853-0641	02237	2N4917 PN4250 SCS1 26	1854-0389 1854-0392	02037	2N4922 2N5088	1854-0748 1854-0749	02037	2N2896 MJE2361
1853-0436 02031	2M6053 MMS-U55 BF398 TIPU2 2M3799 2M6053 XL5M281 MET01 ME2901K BC321C-18 ME2233 ME2170 ME5195 2M5022 TIP 115 2M5087 2M6031 2M6287 2M5022 TIP 115 2M5087 2M6031 2M6296 2M5021 TM 210 2M6051 2M3244 ME5194 ME5237 ME 2370 ME 2370 ME 2370 ME 2370 ME 210 2M3467 ASTU260 2M3467 ASTU260 2M3467 ASTU260 2M5080 MFS-A64 ME 253 2M5081 ME5 253 2M5083 ME5 U-60 TIP-126 2M5083 AN3988 AN398 AN3988 AN4033 MES U-60 TIP-126 2M5983 2M4033 MES U-60 TIP-126 ME5-364 ME5-3654	1853-0643	02037	MJD117	1854-0398	02037	2N5301	1854-0751	02237	2N5840

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HP P/N	Mfr.	Desc.									
1854-0752 1854-0754	02037 02037	MMCS2369 MJE244	1854-1004 1854-1005	02037 02037	BD415 BU508A	1855-0020 1855-0021	01973		1855-0521 1855-0522	03038	IRFF210 IRFD9120
1854-0755 1854-0756	01921 02037	2N6254 2N6315	1854-1006 1854-1007	02037 02037	### ### ### ### ### ### ### ### ### ##	1855-0027 1855-0038	04550 02763	2N2647	1855-0523 1855-0524	06121	BUZ 15 IRF640
1854-0758 1854-0761	02037	2N5427 2N2060	1854-1008 1854-1009	00039	NE-41635 NE21935	1855-0040 1855-0052	01698	2N 3922 2N 3922 2N 360 2N 360 2N 360 2N 360 2N 342 2N 391 2N 3142 2N 317	1855-0525 1855-0526	02883	VN0300M VP0300M MTM2P45
1854-0762 1854-0763 1854-0764	01921 01698 02037	TIP 141 MPS II-10	1854-1014 1854-1015	02037	MD918A MMBT6429 MJ16012	1855-0056	02237	2N4339 2N4342 2N4801	1855-0529 1855-0530	03406	PF5101(SELECTED)
1854-0765 1854-0766	01921	2N6292 2N5428	1854-1016 1854-1018	02037	MD2369A 2N3714	1855-0071 1855-0077	02569	2N5544 2N1671C	1855-0531 1855-0534	03038 01921	IRF120 40673
1854-0767 1854-0768	01921	2N6306 MJE1661	1854-1019 1854-1020	03334	BUW12A MMBC1321Q5	1855-0095 1855-0096	01921	40468 2N5485 (SEL)	1855-0535 1855-0536	03714 03038	IT1750 IRF440
1854-0769 1854-0770	02062 02037	35821E 2N3904 CHIP	1854-1022 1854-1023	02037 02037	MRF581 TIP112	1855-0098 1855-0099	03714 02037	IT1700 2N4853	1855-0537 1855-0539	03714 06121	IVN5000TNE BUZ24
1854-0771 1854-0774	03406 01921	2N4384 CHIP 2N6056	1854-1027 1854-1028	02037 02037	MMBR931 2N3904	1855-0204 1855-0205	02037 02883	2N4852 VCR3P	1855-0540	03406	2N5115(SEL) MTP12NO6 VN10KE
1854-0775 1854-0777 1854-0780	03334 02237 03334	FT50 BUX-83	1854-1029 1854-1032	02037	LT1839-1 MRF581 HXTR-3675	1855-0206	03406	2N3955 2N1117	1855-0546 1855-0548	07221	VNO104N3 BUZ71A
1854-0784 1854-0785	02037	2N3866A 2N6305	1854-1035 1854-1036	02037	MD1132 BFR94	1855-0213 1855-0215	03406	2N5912 SD211DE(SELECTED)	1855-0549 1855-0550	03038	IRF512 VP0300L
1854-0786 1854-0787	02037 02037	2N2540 2N6545	1854-1037 1854-1039	02037 02037	MMBT3904 2N4401	1855-0224 1855-0226	01698 02037	2N3824 2N5460	1855-0551 1855-0553	03038 06121	IRFD420 BUZ10
1854-0792 1854-0793	02237 01921	2N2920 2N5671	1854-1041 1854-1042	06354 02037	2SC2878 MRF571 (SEL)	1855-0232 1855-0235	02883 02037	2N5565 U310(SELECTED)	1855-0554 1855-0555	03406 02883	J304(SEL) VN0300L
1854-0794 1854-0795	02037	MJE243 MPSH10	1854-1043	02037	2N5179(SEL) NE21935	1855-0241 1855-0244	02910	SD215 2N4857	1855-0557 1855-0560	02883	VN2222L SD306(SEL) VN10LE
1854-0797 1854-0798 1854-0799	01698 02037 02037	MPS-U45	1854-1045 1854-1046	07050	BFR92(SEL) MP312-78-69 MRF587	1855-0251	02037	2N6659 2Nhh164 CHIP	1855-0561 1855-0562	03038	IRF510 IRF250
1854-0802 1854-0803	02037 01698	MM5262 TIP75B	1854-1048	02037	2N3904RLRA2 BFR96	1855-0257 1855-0258	03406	2N5247 2N5949	1855-0563 1855-0565	02037 01921	MTP12N18 RFP10N12
1854-0804 1854-0805	03038 02037	IR5062 BD139	1854-1050 1854-1051	03334 02037	BFR91A 2N3772(SEL)	1855-0263 1855-0265	02883 02883	VMP-1 VCR2N	1855-0567 1855-0568	03038 06121	IRFD9123 BUZ71A
1854-0806 1854-0808	01698 02037	T1P51 MJE241	1854-1052 1854-1053	02037 02037	MMBT5550 MMBT2222A	1855-0268 1855-0269	02883 02910	J309 SD214	1855-0569 1855-0570	00039	NE71000 2SK523
1854-0809 1854-0810	02037 04200	2N2369A CT-1058	1854-1054	03334	BFQ19 BFR93	1855-0272 1855-0274	02037	MFE3004 E232	1855-0572	03038	ZSK533 IRF523 U440
1854-0813 1854-0817 1854-0819	02037 02037 02037	MPS-U05 MTE2801T	1854-1056 1854-1060	02037	MJ14000 MJ13091 2N3904	1855-0276	02037 02037	vnocar 2n4416a 2n5268	1855-0573 1855-0574 1855-0575 1855-0576 1855-0580	02883	J175 2N6660
1854-0825 1854-0826	02062	HXTR-5002 LM-394BH	1854-1062 1854-1063	02037	2N5681 BFY90	1855-0278 1855-0279	03714	2N5116	1855-0576	00039 02883	2SK105F,H IRFF123
1854-0827 1854-0828	02037 01698	MJE-13009 TIP-122	1854-1064 1854-1066	02037 00039	MPSW01 NE73416D	1855-0280 1855-0283	02883 02763	E107 2N5396	1855-0581 1855-0582	03038 02883	IRF521 VN0300M
1854-0829 1854-0830	02037 03406	JAN TXV 2N2222A LM394	1854-1067 1854-1069	03291 02037	AT-41435-5 TIP50	1855-0285 1855-0286	01698 02883	2n5246 2n3966	1855-0581 1855-0582 1855-0585 1855-0586 1855-0587	02883	VQ1001P IRF523
1854-0831 1854-0834	02037	2N6429A 2N6033	1854-1071 1854-1072	02037 02037	MJ16018 MJH16018	1855-0288 1855-0289	02883 02883	2N5556 J177	1855-0588	03038 03038 03038	IRF9521 IRF9513 IRF513
1854-0836 1854-0837 1854-0838	02037 01921 02037	2N6289	1854-1084	02037	MMBR5179 2N3904 2N5239	1855-0291	02037 02883 03406	2n5476 2n3631 2n5432	1855-0588 1855-0589 1855-0590 1855-0591 1855-0592	02037	IRF540(SEL) VQ1000J
1854-0839 1854-0840	02037	2N6497 TIP100	1854-1086 1854-1089	02037	D40D4 NE85633	1855-0293 1855-0296	02883 03038	2N6658 IRF300	1855-0592 1855-0593	03038 02037	IRF533 MTM12N06
1854-0842 1854-0845	02037 02037	2N3014 MJ11012	1854-1091 1854-1092	00039 02037	NE02133L MRF962	1855-0297 1855-0298	03406 02883	2N2608 J2472	1855-0593 1855-0594 1855-0595	02037 01921	MPF960 RFL1N08L
1854-0847 1854-0848	02037 01691	MJE12007 2N6584	1854-1093 1854-1094	02062 02037	HXTR-3102 MXT2222A	1855-0301 1855-0305	02883 02883		1855-0598 1855-0606 1855-0607	02883 02037 02037	VN2222LL MTP5N40 MTP4N50
1854-0849 1854-0851 1854-0860	02037 02037 00039	58(533)) 5N##58 WLK3T3	1854-1095	01698	MMBT2369 TIPL762A MXR5943	1855-0307	01921 01921 02037	3N128 3N153 2N4352	1855-0608 1855-0614	02037	MTP3N60 2N6659
1854-0861 1854-0862	02062	HXTR-6001 HXTR-5002	1854-1101 1854-1102	02037	MXT3904 MMBTH24	1855-0314 1855-0322	04550	2N6027 2N5105	1855-0617 1855-0618	01921 02037	RFP8P08 IRF140
1854-0863 1854-0864	02062 02062	HXTR-2101 HXTR-6105	1854-1104 1854-1107	02062 02037	HXTR-3002 MRF965	1855-0323 1855-0327	03714 01698	3N172 2N4416	1855-0619 1855-0620 1855-0621	01921 02883	RFL1NO8L VQ1006P
1854-0865 1854-0866	03038 02037	IR6062 MPS834	1854-1108 1854-1109	02037	MMBR901 MAT-02FH	1855-0332 1855-0341	01921	2N4338	1855-0621 1855-0622 1855-0623	01921 03038 01921	RFP6P08 IRF521 RFP5P12
1854-0867 1854-0868 1854-0869	02237 06592 03287	PN 3000 BFR 36 GX55220A	1854-1110 1854-1111	00039	2N3904 NE68135 2SC2718	1855-0346 1855-0357	04550 01921 02037	ave la	1855_0625	03714	IT110 RFP15N05L
1854-0871 1854-0872	01921	2N6678 D44H11	1854-1113 1854-1114	00039	2SC2987A MRF544	1855-0379 1855-0380	02037	2N5474 2N4351	1855-0629 1855-0630 1855-0631 1855-0632 1855-0635	02883 03038	2N4391 IRF740
1854-0877 1854-0878	02037 02062	MPS-U07 HXTR-5104	1854-1115 1854-1117	00039 06354	2SC2690 2SC3281	1855-0386 1855-0387	02037 02037	2N4392 2N3993	1855-0632 1855-0635	02037 02883	2N4860 U401
1854-0879 1854-0880	02037 02037	MJE6043 TIP140	1854-1118 1854-1119	00039 00039	2SC2987 2SC2275	1855-0390 1855-0393	03714 01698	2N3382	1855-0637	00039 00039 02883	NE71084-06 NE800199 U443
1854-0883 1854-0884	01921	2N6488 MTF3302	1854-1120 1854-1121	02037	A400(SEL) BD435 2M6837	1855-0395 1855-0396	02883	3N190 2N5510	1855-0640 1855-0641	03334	BFT46 IRF612
1854-0887 1854-0889	02037	MJ11016 2N6499	1854-1123	02062	HXTR-5102 2N3771	1855-0400 1855-0402	02883	2N5905 2N5115	1855-0645 1855-0646	03334 03038	BUZ11 IRFF131
1854-0890 1854-0891	02037 06023	MRF904 BUX82	1854-1125 1854-1126	02037 02037	MRF5711L 2N4401	1855-0406 1855-0413	03714 03406	IT110 2N5116	1855-0647 1855-0649	02883 07221	SD210DE VP1204N2
1854-0906 1854-0917	02037 01921	MJ12010 2N6292	1854-1127 1854-1128	02037 02037	MJE521K TIP122	1855-0414 1855-0420	02883 02883	2N4393 2N4391	1855-0650 1855-0651	02883	VQ2001P MFQ960C
1854-0920 1854-0929	02037	MMB1018 MMB1018	1854-1129 1854-1132	03334	2N5836 2SC1623 2N6350	1855-0421 1855-0423	02883	VN10KM 1108	1855-0653 1855-0659	02883	2N4391(CHIP) DN2094
1854-0941 1854-0942	02037	MJ12003 BFQ34	1854-1134 1854-1136	02037	MJE13005 2SD786	1855-0425 1855-0427	03406	J304 M100	1855-0660 1855-0661	02037 03714	MTP14N05A 2N5911/D
1854-0944 1854-0946	02062	HXTR-3101 NE02135	1854-1137 1854-1138	02037 02037	MMBT5088T1 MMBT4124T1	1855-0430 1855-0431	03714 03714	2N3685 IVN5001ANF	1855-0663 1855-0664	10743 02037	1GG2-4032 MTP1N100
1854-0948 1854-0957	02037	MJ10006 IT120A-T071	1854-1139 1854-1140	02037 02037	MPS6543	1855-0432 1855-0434	02883	3N163 IT500	1855-0666 1855-0666	01921	RFP2N12L BF980
1854-0964	02037	TIPL(53A MJ12004 MJ8505	1854-1141	02037	MPS571 MPES80A	1855-0437	03406	J270 SD213	1855-0668	02883	BS170 2N5012CHP
1854-0967 1854-0968	02037	TIP41C(SELECTED) SJ7076	1854-1144 1854-1145	03291	AT-41400 2N6340	1855-0442 1855-0445	01973 02883	ITS4066 J107	1855-0670 1855-0671	02037 06121	IRF540 BUZ10H
1854-0969 1854-0970	02037 01698	MJ12005 TIP102	1854-1147 1854-1148	03171 02037	2N3441 MMBTH10	1855-0446 1855-0454	02883 03038	J112 IRF431	1855-0672 1855-0673	01921 02037	RFM10N12 MTP10N25
1854-0971 1854-0972	02062	2N6741 BFRC90	1854-1149 1854-1150	02037	MRF870 BCW65C	1855-0461 1855-0478	03038	IRF520 MTM15N50	1855-0674 1855-0675	01921	RFP10P15 MPF6660 RFP10W15
1854-0977	02037	MPS-A14 GES3h16	1854-1157 1854-1158	02037	SGSIF444 WREEGH	1855-0488	03038	IRF610 IVN5201TMF	1855-0677 1855-0678	01921	RFP12NO8 RFP2NO8L
1854-0979 1854-0980	02037	MPS2369 MFR961	1854-1161 1854-1164	02037	MJE15030 A3604	1855-0490 1855-0492	02037 03038	MTM10N10 SELECTED IRF530	1855-0679 1855-0680	03334 02037	BUZ80A MMBF4391
1854-0981 1854-0982	02037 01698	MPS5179 TIP642	1854-1165 1854-1166	02037 02037	BUW11A	1855-0493 1855-0494	03038 03038	IRF9530 IRF130	1855-0681 1855-0682	02037	MMBFU310 IRFP450
1854-0983 1854-0984	02037	MJ12005(SELECTED) MJ16002 (SELECTED)	1854-1167 1854-1168	02037	MPSA44RLRA1 MRF531(SEL)	1855-0495 1855-0497	02037	MIM10N15 MTP2N90 2N5307	1855-0683 1855-0684	03038	VP03007
1854-0985 1854-0986	10881	BFR92 BCX20	1854-1170	01698	TIP3IF NEL2301-53 MRF586	1855-0498 1855-0499	03038 03038	207391 IRF9531 IRFD9120	1855-0687 1855-0688	02037 02037	SPF938 2N5245
1854-0988	02037	2N3737 MJ15003	1854-1177 1854-1178	02037	2N3904(SEL) MRF911	1855-0502 1855-0504	03038 03038	IRFD110 IRF630	1855-0689 1855-0690	02037	2N5461 2N5245 (SEL)
1854-0991	02037	MRF630 25D786	1854-1179 1854-1180	02037	MPSA18RLRA1 2N3417	1855-0506 1855-0507	02037 03285	MTP12N10 2N5912	1855-0691 1855-0693	04550 03406	IRFP250 F54011A
1854-0992 1854-0993	03714	ITS1015(SEL) MPSH10	1854-1181 1854-1182	02180	MAT-02-0098 BUS12	1855-0508 1855-0509	03038	IRF150 IRF9520	1855-0694 1855-0695	03038	1RFZ40 MMBF4393 RS170
1854-0994 1854-0996	02037	2N5179(SEL) MJE13003 MDSU06	1854-1183 1854-1184	03334	BUSIIA MRF581(MOD) 2Nh26h	1855-0510	03038 01921 07050	TRE 030 RCA9212A MP833-1004	1855-0697 1855-0705	02037	MIMGONO6 MIM3N35
1854-0998 1854-0000	02037 04550 01921	D42C11N 2N5320	1854-1181	00746	2SD1378 2N1671A	1855-0517 1855-0518	03038	IRF9532 IRFD110	1855-0708 1855-0709	01921	RFP4N06L IRFD120
1854-1002 1854-1003	00039	NE64535 2SC2876	1855-000 1855-001	02763 04550	2N3436 2N2646	1855-0519 1855-0520	02883 03038	283330 PHYSOLOGY 287519 2875095 2875095 2875095 287519 2875095 2875115 11110 2874393 2874316 2874393 2874314 VNIOKM JIO8 JJO0 MIO0 283685 IVNSODIANF 38163 IVNSODIANF IVNSODIANF 38163 IVNSODIANF IVNS	1855-0711 1855-0712	03038 03038	IRFD9210 IRFD210

3RD QUARTER 1987 BENCH BRIEFS

HP P/N	Mfr.	Desc.			HSCH-6332 5082-0030 CSB7201-01 HSCH-5512 HSCH-5512 HSCH-5512 HSCH-5512 HSCH-5512 HSCH-5326 HSMS2820 HSMS2810 MSC-30,254-B20 HSMS-30,254-B20 HSCH-5336 HSCH-5331 HSCH-5336 HSCH-5						
1855-0714 1855-0715	03799 02037	HMF-0620 MMBF4393	1900-0065 1900-0066	02062 02062	HSCH-6332 5082-0030	1901-0490 1901-0491	02713 02037	GI250-3 1N4724	1901-0912 1901-0917	03287	1.5KE15A
1855-0719 1855-0720	03799 03291	MMPF 4393 HMF - 0310-100 AT-8160	1900-0068 1900-0070	02865	CSB7201-01 HSCH-5512	1901-0492 1901-0493	02037	1N5002 1N4725 1N5003	1901-0920 1901-0921 1901-0952	02062 03038 00046	5082-2755 80SQ030 1N5802
1855-0721 1855-0722 1855-0723	02037 02883 02883	2N5266 VP1008B SD21 LDE	1900-0071 1900-0072 1900-0074	02062 02062	HSMS2820 HSMS2810	1901-0495 1901-0496	02037	MR1120 MR1121	1901-0953 1901-0954	00046 02037	UES601R 1N5285
1855-0724 1855-0725	02883	VN66AD MTP3055A	1900-0075 1900-0076	08852 02062	MSS-30,254-B20 HSCH-5336 (SELECTED)	1901-0497 1901-0498	02037	MR1122 MR1123	1901-0960 1901-0961 1901-0970	05088 00046 02037	VSK71 UES803R MUR115
1855-0726 1855-0727 1855-0729	03038	IRF9Z20 2N7000	1900-0077 1900-0078 1900-0079	02062 02062 02062	HSCH-6530 HSMS-2800 5082-2830	1901-0499 1901-0500 1901-0511	02037	MR1124 MR1125 1N3889R	1901-0974	05088 02037	H2745-9 MPN3500
1858-0004 1858-0008	01921 02037	CA3049 SPQ526K	1900-0080 1900-0082	08852 08852	MMD830-E20 SELECTED MX-2844	1901-0518 1901-0519	04507	5082-2800 1N3070	1901-0976 1901-0977 1901-0978 1901-0979	05088 08852 02037	VSK540 MX1098 MR2400
1858-0009 1858-0010	02037	MHQ2221 MPQ2906	1900-0083 1900-0084	02062 08852 08852	5082-2831 MX-2860 MSSL0 141-R10 SELECTED	1901-0526 1901-0531 1901-0532	02664 04507 01973	SCAJ1 A2S097 A14P	1901-0901	00046	T1D778 1N5653A
1858-0020 1858-0021 1858-0022	01921	CA3083 SG3821N	1900-0086 1900-0087	08852 02062	MX2946 5082-2831	1901-0537 1901-0545	00046 02062	1N645 5082-2805	1901-0982 1901-0983 1901-0984	02526	1N5651A 1N5641A
1858-0023 1858-0032	01921 01921	CA3081E CA3146E	1900-0088 1900-0089	02062	5082-2794 5082-2800 SELECTED	1901-0551 1901-0552	02037 02037 02037	MR1126 MR1128 MR1130	1901-0985	00046 02865 02037	VX30 DDC 4565-96 MBR1060
1858-0034 1858-0036 1858-0037	03285	MPQ3(2) AD821(SPEC) ULN2082A	1900-0091 1900-0092 1900-0093	04507 02062	A2S832 5082-0001	1901-0557 1901-0578	01921 02037	CA3019 1N1184R	1901-0986 1901-0987 1901-0988	01921 02664	RUR810 3SF2
1858-0040 1858-0045	01921 03406	CA3127E LM3018AH	1900-0094 1900-0095	02062	HSMS-0012 MX3141	1901-0585 1901-0591	02037 05131	MR1120R ED6240 MR1121R	1901-0988 1901-0990 1901-0995 1901-0997	06078 05088 02713	16MQ40(SEL) TG-10 RGP15M
1858-0046 1858-0047 1858-0048	01921 04200 01921	CA3097E ULN-2003A CA3082E	1900-0096 1900-0099 1900-0100	02062	5082-3140 HSMP3800	1901-0620 1901-0630	00046	1N4607 MR1123R	1901-0997 1901-0998 1901-0999	02664 04486	SFR0 SD103C
1858-0052 1858-0055	02037 02037	SPQ1678 MPQ2369	1900-0201 1900-0202	02788	MA4P550 HSMS-2825	1901-0638 1901-0639	02037	MDA970A2 5082-3080 S2F	1901-0999 1901-1000 1901-1015	02037 01698 01973	MR504 1N4531 MPD400
1858-0057 1858-0058 1858-0061	01921 02037 04200	CA3082F MPQ3906 UI.N-2004A	1901-0001 1901-0002 1901-0004	03171	1N1200A 1N1084	1901-0661 1901-0662	02037	MBD5550A MR751	1901-1034 1901-1035 1901-1037	02037 02037	MR881R MR891R
1858-0062 1858-0063	02037 01921	MPQ3762 CA3102E	1901-0005 1901-0006	01991 02037	1N603A 1N1566A	1901-0663 1901-0669	02619	NS3000 S4F	1901-1052 1901-1058 1901-1065	04550 02037 02713	1N4154 1N1186 1N4936
1858-0064 1858-0065 1858-0066	01921	CA3045H ULN-2815A-2	1901-0010 1901-0013	04550 01991 02037	1N253 1N1566	1901-0672 1901-0673	02037	1N3900 1N3890 A15A	1901-1067 1901-1078	02237	FDH444 MBD5300
1858-0067 1858-0069	04200	ULN-2033A ULN-2803A	1901-0017 1901-0019	04550 02086	1N1118 1N1344	1901-0674 1901-0678	02664 02037	3SF1 1N3899R	1901-1080 1901-1081	02037 02037 02062	1N5817(RELAXED) MR501 5082-2835
1858-0071 1858-0072	02037	MPQ3798 ULN-2813A	1901-0021 1901-0022	03334	1N538 BA220 1N645	1901-0684 1901-0685	02037 02037 01973	1N3890R MR822RL A114A	1901-1085 1901-1086 1901-1087	02037 02037	MR820 MR856
1858-0073 1858-0074 1858-0075	02037 02037	MPQ6100 MPQ3546	1901-002) 1901-0032 1901-0033	02037	1N3209 1N645	1901-0691 1901-0692	01973 02037	A115A MR852	1901-1091 1901-1092	04550 04550	A115F A114A
1858-0076 1858-0077	02037 02037	MPQ2907P MPQ2222P	1901-0038	00046	1N3064 1N4148	1901-0693 1901-0696	02037 04550	1N4934 A114D 3L05	1901-1095 1901-1098 1901-1100	02037 02763 01691	MBR1540 1N4150 SD-41
1858-0081 1858-0082 1858-0083	03811 04200	C7254 ULN-2804A TP06002	1901-0041 1901-0044 1901-0048	00046	1N4148 1N3210	1901-0701 1901-0703	00046 04486	STB567 1TT600	1901-1101 1901-1102 1901-1103	02237 02062	JANTXV 1N4148-1 HSCH-5316
1858-0084 1858-0085	04200 04200	ULN-2804A UDN2580A	1901-0050 1901-0051	00046	1N4150 1N1566A	1901-0704 1901-0710	02086 01698	1n4002 1n914 1n3891	1901-1103 1901-1105	02664 05088 09914	1N5623 VB10X UES-1106
1858-0086 1858-0087 1858-0088	02037 02037	MPQ6700 MPQ3904 MPQ7001	1901-0053 1901-0057 1901-0058	02037 01991	1N5395 1N2525 1N628	1901-0717 1901-0719 1901-0726	02037	MR854 1N5823	1901-1105 1901-1106 1901-1107 1901-1108	04507	A2X1501 UES1305
1858-0089 1858-0090	02037	MC1411 MPQ6002	1901-0059 1901-0060	01991 02037	1N629 1N1116	1901-0731 1901-0732	04486 02237	1N4004G 1N4007	1901-1109 1901-1110	09914	UES1306 UES1105 UES1303
1858-0091 1858-0092	02037	MPQ2484 MPQ3799	1901-0061 1901-0062	01991	1N816 1N1563A 1N625	1901-0734 1901-0738 1901-0739	02037 02158 02158	1N5818 50L200 G6R110H	1901-1111 1901-1112 1901-1113	03334	BYV27-150 RUR810
1858-0093 1858-0094 1858-0095	02037	MPQ918 PIC900C	1901-0091 1901-0096	00046	1N4148 FDH-400	1901-0742 1901-0743	01921 01698	1N3563 1N4004	1901-1113 1901-1114 1901-1115	10881 04507	BAL 74 DSR3800X
1858-0096 1858-0097	01921	IME -0620 MMBF 4333 IMF -0310-100 AT-8160 AT-8	1901-0126 1901-0129	01921	1N1763 1N647	1901-0750 1901-0751	02664 02664	1 1N5553 1 1N5554 1 1N3644	1901-1116 1901-1117 1901-1118	04507 00746 06002	DSR3700X 1SS135 BYV27-100
1858-0099 1858-0100 1858-0101	04200 02037 01590	MPQ2369 SL2364C	1901-0131 1901-0132 1901-0138	01698 01991	1N1 (64 1N660 1N1581	1901-0754 1901-0756	04550	A15F 1N3881	1901-1119 1901-1120	02062 02037	5082-3042 1N5758
1858-0102 1858-0104	02037 02910	MPQ6426 ULN2003D	1901-0144 1901-0147	03447	1N662 1N1202	1901-0758 1901-0759	02037	' 1N5283 3 1N5406 ' MBI-101	1901-1121 1901-1122 1901-1123	02037	MR2406 MR862R 1N5408
1858-0105 1858-0106 1858-0107	07221 02037 02037	VN0106N6 MPQ7051 MPG7041	1901-0151 1901-0161 1901-0164	02037	MDA1201 1N4721	1901-0765	03627	1N5812 MR754	1901-1126 1901-1127	10881 00046	BYW80-100 UES803
1858-0108 1858-0109	04200 12010	ULQ2804A FT5755M	1901-0179 1901-0304	02237 01973	FD777 1N3570	1901-0768 1901-0771	05088	B H617 7 1N3891R 7 1N5000	1901-1128 1901-1129	02037 02037	1N5819 MUR105 MUR860A
1858-0110 1858-0111 1858-0112	02180 02037 02037	MAT04FY MPQ3799-2 MMPQ2222A	1901-0305 1901-0306	01973	1N2158 1N2158R 1N3289	1901-0781	02037	7 MR754 7 1N5821	1901-1130 1901-1131 1901-1132	02062	5082-2810 A4S021 SELECTED
1858-0113 1858-0114	02037 02037	MMPQ2907A MMPQ-3906	1901-0308 1901-0309	01973 01973	1N3289R 1N1347A	1901-0786	02664	1 1N6074 7 MR756	1901-1133 1901-1134	04550 03334	1 n 5626 BA483
1858-0115 1858-0116	02883	FT5754M VQ1001J DIM 220	1901-0310 1901-0311	01973 01973	1N250C 1N3260R 1N3262	1901-0789	02037	7 MR850 5 1N5418	1901-1135 1901-1136	02713 03038	GP30B 10TQ045 MR2406F
1858-0118 1858-0120	01921	CA3096E MMPQ3904	1901-0313 1901-0314	01973 01921	1N3262R 1N1206A	1901-0791 1901-082	02037 02037	7 1N3889 7 MR2004SR	1901-1138 1901-1140	07766 02713	BYV95C FES8GT
1858-0121 1858-0122	04200	ULQ-2823A MMPQ3799	1901-0315 1901-0316	02086	1N1183A 1N1183AR 1N1184A	1901-0826 1901-0826	6 02037 6 02062 9 02037	7 MR2004S 2 5082-3900 7 MMDC6050	1901-1141	03334	BYV27-200 MMBD6050
1900-0004	02865 02788	1N76 1N82	1901-0318 1901-0319	02086 02086	1N1184AR 1N1186AR	1901-083 1901-083	02037 01691	7 1N4937 L 1N6096	1901-1144	02037	BAV70 BAW56
1900-0006 1900-0007	02788	1N416B 1N26SP	1901-0320 1901-0321	02086	1N1187A 1N1187AR Albr	1901-083 1901-083 1901-083	7 01698 7 01698 3 01921	3 BY 205-400 3 BY 205-100 1 1N5393	1901-1147	02713	EGP30B MR818
1900-0010 1900-0011	01250 02788	1N21BMR 1N416BM	1901-0328 1901-0329	01973 04550	A14D A14M	1901-083 1901-084	02037	7 MR510 2 HSCH-1001	1901-1149 1901-1150 1901-1151	03334	BAS19 BAT17
1900-0012 1900-0015	01250	1N23B 1N415C	1901-0330 1901-0343	01973	A14N 1N3491R 1N3200R	1901-084 1901-084	2 02883 3 02037 4 02037	3 PAD5 7 1N5002R 7 MPN3401	1901-1152 1901-1153	02037 03038	MBR1645 16MQ60(SEL)
1900-0018 1900-0018	02865	1N21E 1N23C	1901-0356 1901-0358	00046	1N647 MSD6101	1901-084 1901-084	5 05088 6 02037	B VG-2X 7 1N5284	1901-1154 1901-1156	02526 00046 05088	S10925 USD945 VHR1 holi
1900-0019 1900-0020	02788	1N831 1N76A	1901-0365 1901-0370	02037	MDA920A5 1N4530	1901-084 1901-084	7 02713 8 05088	3 RGP-10M 8 V334X 3 1ML007	1901-1158 1901-1160	02037	MBR030 BZX75-C2V1
1900-0025 1900-0030 1900-0031	02865 02865	DME6569 DMJ4705 SELECTED	1901-0376 1901-0383 1901-0398	04583 04583	1N2565 1N2148	1901-085 1901-085	8 03331 9 03038	4 BYW29-50 8 40HQ030	1901-1161 1901-1162	02037	MLL4003T1 LL4148
1900-0032 1900-0033	02865	DSG 6474-44 5082-0008	1901-0406 1901-0409	02037	1N3491 1N4719	1901-086 1901-086	0 02031 1 02031	7 MBR-3535 7 MBDC101 3 MBD200	1901-1164 1901-1165	03334	BAV10 SELECTED SB160
1900-0034 1900-0035 1900-0036	04507 02062 04507	HSCH-5510 A5S092 SELECTED	1901-0410 1901-0411 1901-0412	02037	MR1033A 1N4722	1901-086 1901-086	8 0203°	7 1N5817 7 1N5297	1901-1166 1901-1169	00039 02037	1SS153 MURC115
1900-0037 1900-0039	02037 02037	MMBD101 MMBD352	1901-0413 1901-0414	02037 02037	MR1035A 1N4723	1901-087 1901-087	0 0203° 5 0206°	7 MR502 2 5082-3900	1901-1172	04550	1N5061 MBR745 5082-0012
1900-0040 1900-0041 1900-0042	02788 02788 04507	MA-46402L MA-40035 A5X1046	1901-0421 1901-0422 1901-0423	02037 02037 02037	1N3211 1N3212	1901-087 1901-087	8 0266 9 0197	SMFR30K 3 All5M	1901-1180 1901-1181	02037 02883	MMBV3401 JPAD20
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1900-0050 1900-0053	08852	MMD830-E20 DDC4565D	1901-0429 1901-0430	02037 02037	1N3660 1N3661	1901-088 1901-088	8 0004 9 0203	6 1N3912 7 MR508	1901-1194 1901-1195	02062	5082-0023 1N3595 M72361
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1900-0059 1900-0060	02869	DMJ4768 5082-0009	1901-0461 1901-0463	00046 01973	1N4148 1N4156	1901-089 1901-089	4 0197 6 0513	3 1N4608 1 RC60	1901-1199 1901-1200	02037	MUR460 1N4448
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6 BENCH BRIEFS 3RD QUARTER 1987

					JAN TXV 1N825 1,5SE18C 185352 185352 185352 185352 5802825 58028252 5802825					
HP P/N N	Wfr.	Desc.))				
1901-1205 0 1901-1206 0	3287 : 3287 :	5KE39C 5KE120C	1902-0973 1902-0976	02037	JAN TXV 1N825 1.5SE18C	1902-1454	02037	MLL5237 MLL5239B	1906-0219 02037 1906-0221 02037 1906-0222 02037	MDA3500
1901-1208 0 1901-1209 0	3287 I	IPTE-15 IPTE-15C	1902-0978 1902-0980	02037	1N5346 5M30ZS2	1902-1457 1902-1458	02037	MLL5241 MLL5242	1906-0224 02037 1906-0225 03038	MDA2504 MDA2506 150JB4L
1901-1210 0 1901-1211 0	3287 I	CE7.0 KP5.0A	1902-0981 1902-0982	02037 02037	5M23ZS2 5M28ZS2	1902-1459 1902-1460	02037 02037	MLL5243 MLL5245	1906-0229 02037 1906-0231 05088	MC1107P
1901-1213 0 1901-1214 0	2037 I	MBD501 MUR160	1902-0983 1902-0986	01691 02037	1N4621 1N6270A	1902-1461 1902-1462	02037 02037	MLL5246 LL5248	1906-0233 02713 1906-0234 02062 1906-0236 05088	KBF06 5082-2370
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1901-1223 0	13334 1	SYV36C	1902-0989 1902-0990	02037	5M20ZS2 MZC5.6B2	1902-1465	02037	MLL5252 MLL5254	1906-0239 01691 1906-0240 05088 1906-0242 05088 1906-0244 02865	SD-241 VS148
1901-1225 0 1901-1227 0	2037	MBD914 BAS16	1902-0991 1902-0993 1902-0994	03287	1.5KE7.5C	1902-1468	02037	MLL5257 MLL5258	1906-0242 05066 1906-0244 02865 1906-0250 03038	R711XE D5848 12CTQ030
1901-1228 0: 1901-1230 0:	2037 1 3334 1	MBD914XT1 BYV26C SELECTED	1902-0995 1902-0996	02037	1N5373B 1N5336B	1902-1470 1902-1471	02037	MLL5259 MLL5260	1906-0252 02062 1906-0254 00046	5082-2272 UES2602R
1901-1232 0: 1901-1233 0:	2062	082-1006 TUR4100	1902-0997 1902-0998	02037 02037	JANTXV1N3020B 1N3001B	1902-1472 1902-1473	02037 02037	MLL5261 MLL5262	1906-0255 02713 1906-0256 02713	KBPC606 Wozm
1901-1237 0: 1901-1239 0:	2713	RGP15-15 NUR410	1902-0999 1902-1000	02037 02037	1N3993A 1N5366B	1902-1474 1902-1475	02037 02037	MLL5263 MLL5265	1906-0257 02237 1906-0258 02037	MDA970A2
1901-1246 0	13334 I	3VD33M 3VD33M	1902-1170 1902-1171	02037	1N4101 1N4102	1902-1476	02037	MLL5266 MLL5267	1906-0259 00046 1906-0262 00046 1906-0263 05088	SES5603CR UES 2402
1901-1248 0	2037	IN4937 SELECTED	1902-1172	06563	1N1362 1N160ha	1902-1479	02037	MLL5270 MZC4 7410	1906-0263 05066 1906-0264 05088 1906-0265 00046	VKP 248
1901-1251 0 1901-1252 0	5088 1 14200 1	H1601-1.5 MPD4150	1902-1205 1902-1217	02037	1N2979RB 1N3998RA	1902-1481	02713	1N5953B 1N5954B	1906-0266 02037 1906-0267 02037	MDA2502
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1901-1255 0	12037	DE131 LN754	1902-1232 1902-1234	02037 02037	1N3997RA 1N4000A	1902-1488 1902-1489	04486 04486	LL4747A LL4744A	1906-0270 05088 1906-0271 05088	VHE2402A R712X
1902-0016 0	2037	LN2992RB	1902-1259 1902-1260	02037	1N5357B 1N5525C	1902-1490 1902-1491	04486	LL4740A LL4733A	1906-0272 02713 1906-0274 03038	KBPC12-02-W 100JB4L
1902-0028 0 1902-0030 0	2037	LN2999A LN3028B	1902-1278 1902-1278 1902-1286	02037	1N5348B 1N5342B	1902-1492	02037	1N5949B	1906-0274 03038 1906-0275 04200 1906-0276 02037	TND908 MBR1535CT UES2605
1902-0033 0 1902-0035 0	1991	LN823 LN3008B	1902-1288 1902-1291	02037	1N5358B 1N5338B	1902-1495 1902-1498	02688	1N5987D 1N5362B	1906-0277 00046 1906-0278 05088 1906-0279 02865	VSK231 DMJ4708
1902-0039 0 1902-0041 0	6563 : 2237 :	LN1597A LN751A	1902-1292 1902-1294	02037 02037	1N5372B 1N5388A	1902-1500 1902-1501	02037 02037	MZC6.8A3 MMBZ5231	1906-0279 02865 1906-0281 02713 1906-0282 02883	KBPC-W35-04(SELECTED) DPAD1
1902-0042 0 1902-0082 0	2037	LN1608 LN1596A	1902-1295 1902-1297	02883 02037	CL4720 1N4561	1902-1502 1902-1505	02037 02037	1N5939B MZT4554B	1906-0283 02713 1906-0284 02713	DF04
1902-0086 0	2688	LN1513 LN3003B	1902-1298 1902-1323	02037	1N2820 1N5857B	1902-1506 1902-1507	02037 02037	1N5993B 1N6021B	1906-0285 02788 1906-0286 02037 1906-0289 05088	MA4E202L MBR2035CT
1902-0094 0	2037	LN705A LN716	1902-1332 1902-1336	02634	1N5851B 1N6001B	1902-1509	02037	1N5333BRL 1N5367B	1906-0289 05088 1906-0290 02037	MBAW56
1902-0121 0	2763	CD36191 LN2986B	1902-1330 1902-1340 1902-1342	02037	1N5355B 1NL7L2A	1902-1515	02037	1N5334BRL 1N6377	1906-0291 02037 1906-0292 02037	MBR2545CT
1902-0157 0 1902-0178 0	2037	LN2620 LN3004RA	1902-1343 1902-1345	02037	1N5338 IN5365B	1902-1518 1902-1519	02037	1N5334D BZX84-C3V9	1906-0293 00746 1906-0294 02865 1906-0295 02713	DMF5848 FEP16CT-3
1902-0183 0: 1902-0245 0:	2037 : 2037 :	LN2995B LN4099	1902-1346 1902-1347	02037 02037	1N5355B 5M22ZS2	1902-1522 1902-1523	03287 11708	SA100CA BZW50-56B	1906-0296 03334 1906-0297 03287	BYV32-150 DOA05050505
1902-0246 0: 1902-0517 0:	2037	LN4105 5Z11213-48	1902-1352 1902-1356	04507 02037	LVA 456A 1N4753ARL	1902-1524 1902-1529	02037 11708	MMBZ5230 1.5KE250CA	1906-0298 02037 1906-0299 03038 1906-0300 02713	MMBD7000 1KAB60
1902-0526 0:	2037	LN5340B LN5305	1902-1374 1902-1380	11708	BZX83A5V1 1N5341B	1902-1534 1902-1535	03287	SA11A MMBZ5257B	1906-0300 02713 1906-0301 05088	VHE2404
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1902-0584 0	2037	5ZG30590 N829	1902-1388 1902-1391	02037	1N4697 1N4683	1906-0006	05088	VE48 MDA2502	1906-0305 02713 1906-0306 02713 1906-0307 02037	DF06M
1902-0627 0: 1902-0630 0:	2037	LN5312 LN5236B	1902-1392 1902-1394	02037 02037	1N5256 (SELECTED) 1N5378B	1906-0008 1906-0016	02037 02037	MDA2500 MDA2506	1906-0308 02713 1906-0309 05088	FEN16CT7 VJ848
1902-0631 0: 1902-0632 0:	2037	LN5351B LN5354B	1902-1396 1902-1397	02037 02037	1N5335B 1N6273A	1906-0017 1906-0023	02037 02037	MDA 990-3 MDA922-4	1906-0312 02037 1906-0315 02237	MAD130P FSA3237P
1902-0640 0: 1902-0643 0:	2037	LN5847A LN2979B	1902-1398 1902-1399	02037	1N821D 1N5248 SELECTED	1906-0024 1906-0025	02037	MMD6150 MMD6100	1906-0320 06121 1906-0321 02037	BAS 40-04 MUR1620CT
1902-0680 0	2037	LN2997RB LN827	1902-1400 1902-1401 1902-1402	02037	1N2835A 1N53734	1906-0027	02037	MDA922-6	1906-0324 02237 1906-0325 02883 1906-0329 02037	FSA2565P DPAD10
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1902-0761 0: 1902-0772 0:	2037	N821 N935	1902-1407 1902-1408	04507 02037	1N4626 1N5243 (SELECTED)	1906-0037 1906-0039	02037 02664	MDA990-1 SCPA2	1906-0333 02713 1906-0334 02237	RKBU4K
1902-0777 0: 1902-0785 0:	2037	.n825 .n936	1902-1409 1902-1410	02037 02037	1N2989B 1N6283A	1906-0040 1906-0049	02664 02037	SCDA2 MDA980-6	1906-0335 02037 1906-0336 02037	MBAV74
1902-0786 0: 1902-0787 0: 1902-0788 0:	2037	N937 N938	1902-1411 1902-1423	02037	1N4574A 1N5338A	1906-0052 1906-0056	05088 02037	VH148 MSD 7000	1906-0337 03334 1906-0338 02037	BAS56 MUR1620CT OPTION TO220-C FSA2509P KBU8B
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1902-0793 07	2037 1	.N944	1902-1427	020 17	INZOUSA	1906-0072 1906-0074	02664	SCBA2F	1910-0002 02682 1910-0003 02682 1910-0004 06418	1N55A
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1902-0910 0	2037 1	N2972A N2984RB	1902-1437 1902-1438	02037	MMBZ-5241 1N5944B	1906-0090 1906-0092	04200	698-1 ND946	1910-0023 02682 1910-0024 02682	1N191
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1902-0920 00	2037 1	N5345B N5337A	1902-1442 1902-1443 1902-1444 1902-1444 1902-1445 1902-1447 1902-1449 1902-1449 1902-1450	02037	MLL5223 MLL5225	1906-0100 1906-0201	02883	DPAD 100	1910-0039 01250	1N55A 1N2326
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1902-0942 0 1902-0960 1	1708 1	N963B	1902-1453	02037	MLL5236	1906-0217	02037	MDA3506	1912-0019 01973 1912-0022 05644	1N3560
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. 4M6 . 2 . 4M8 . 2	2Z1		02037 1902-1430 02037 1902-0994		16MQ40(SEL)		06078	1901-0990	1N1186	02037 1901-1058
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1.5KE3 1.5KE7	7.5C		03287 1901-1206 03287 1902-0993		1N1116 1N1118		02037 04550	1901-0060 1901-0017	1N1206A	01921 1901-0114 01921 1901-0314 02086 1901-0019
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1N1566A 1N1581	02037 01991	1901-0051 1901-0138	1N4150 1N4150		1901-0050 1901-1098	1N5944B 1N5949B		1902-1438 1902-1493
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2N3799 2N3808	01698 1853-0451 02037 1853-0594	2N5179 2N5179 2N5179(SEL)	01921 1854-0431 02037 1854-0994	2N6308 2N6315 2N6317	02037 1854-0624 02037 1854-0756
2N3809 2N3810	02037 1853-0269 02037 1853-0596	2N5179(SEL) 2N5184	02037 1854-1043 01921 1854-0384	2N6317 2N6318 2N6331	02037 1853-0418 02037 1853-0461 01698 1853-0381
2N3811 2N3819	02037 1853-0673 01698 1855-0040	2N5189 2N5191	01921 1854-0570 02037 1854-0368	2N6338 2N6339	02037 1854-0741 02037 1854-0746

JDEC	Mfr. HP P/N				
2n6340 2n6354	02037 1854-1145 01921 1854-0715	5082-3140 5082-3900	02062 1900-0099 02062 1901-0826	BYD33M BYP59-300	03334 1901-1246 03334 1901-0887
2N6420 2N6423	02037 1853-0548 02037 1853-0414	5082-3900 50L200	02062 1901-0875 02158 1901-0738	BYV26C SELECTED BYV27-100	03334 1901-1230 06002 1901-1118 03334 1901-1112
2N6429A 2N6437	02037 1854-0831 02037 1853-0526 01921 1854-0727	5KP5.0A 5M17ZS2	03287 1901-1211 02037 1902-0918 02037 1902-0919	BYV27-150 BYV27-200 BYV32-150	03334 1901-1141 03334 1906-0296
2N6474 2N6476 2N6477	01921 1854-0727 01921 1853-0406 01921 1854-0737	5M18ZS2 5M2OZS2 5M22ZS2	02037 1902-0919 02037 1902-0989 02037 1902-1347	BYV36C BYV36E	03334 1901-1223 03334 1901-1249
2N6488 2N6490	01921 1854~0884 02037 1853-0478	5M23ZS2 5M27ZS2	02037 1902-0981 02037 1902-0988	BYV95C BYW29-50	07766 1901-1138 03334 1901-0858
2N6491 2N6497	02037 1853-0542 02037 1854-0839	5M28ZS2 5M30ZS2	02037 1902-0982 02037 1902-0980	BYW80-100 BZW50-56B	10881 1901-1126 11708 1902-1523 03334 1901-1160
2N6499 2N6520	02037 1854-0889 02037 1853-0437	673-2 698-1	00046 1906-0035 00046 1906-0090 04550 1853-0479	BZX75-C2V1 BZX83A5V1 BZX84-C12	02037 1902-1374 03334 1902-1487
2N6545 2N6554 2N6584	02037 1854-0787 02037 1853-0558 01691 1854-0848	72006 80SQ030 A114A	03038 1901-0921 01973 1901-0690	BZX84-C3V9 BZX84C5V6	03334 1902-1519 10881 1902-1424
2N6594 2N6609	02037 1853-0452 02037 1853-0487	A114A A114D	04550 1901-1092 04550 1901-0696	BZX84C7V5 BZXB7V5	02037 1902-1512 10818 1902-3129
2 n 6658 2n6659	02883 1855-0293 02037 1855-0251	A115A A115F	01973 1901-0691 04550 1901-1091	C7254 CA3018	03811 1858-0081 01921 1820-0352 01921 1901-0557
2N6659 2N6660	02883 1855-0614 02883 1855-0575	A115M A14B	01973 1901-0879 01973 1901-0327 01973 1901-0328	CA3019 CA3026 CA3045	01921 1820-0240 01921 1821-0002
2N6667 2N6678	02037 1853-0666 01921 1854-0871 10881 1853-0573	A14D A14M A14N	04550 1901-0329 01973 1901-0330	CA3045H CA3046	01921 1858-0064 01921 1821-0001
2N6709 2N6741 2N6837	02062 1854-0971 02037 1854-1122	A14P A15A	01973 1901-0532 01973 1901-0673	CA3049 CA3081E CA3082E	01921 1858-0004 01921 1858-0023
2N7000 2N7000	02883 1855-0667 02037 1855-0727	A15F A211	04550 1901-0754 03334 1854-0435	CA3082F	01921 1858-0048 01921 1858-0057 01921 1858-0021
2N706A 2N708	02237 1854-0017 02237 1854-0005 02037 1854-0009	A2S097 A2S832 A2X1501	04507 1901-0531 04507 1900-0092 04507 1901-1107	CA3083 CA3096E CA3097E	01921 1858-0118 01921 1858-0046
2N709 2N720A	02237 1854-0750 02237 1854-0750 01698 1854-0289	A2X2118 A3604	04507 1900-0043 03334 1854-1164	CA3097E CA3102E CA3127E	01921 1858-0063 01921 1858-0040
2N730 2N743 2N779A	01698 1854-0004 01979 1850-0075 06632 1850-0441	A400(SEL) A440	03334 1854-1120 03334 1853-0553	CA3146E CA3183E	01921 1858-0032 01921 1858-0096 02763 1902-0121
2N779A 2N834	02037 1854-0010	A4X665	02865 1901-1132 04507 1900-0034 04507 1900-0036	CD36191 CL4720 CLA3132-86	02883 1902-1295 02865 1900-0046
2N835 2N910	02037 1854-0011 02237 1854-0209 02237 1854-0287	A5S092 SELECTED A5T4260 A5X1046	01698 1853-0404 04507 1900-0042	CP4071 CSB7201-01	00746 1854-0071 02865 1900-0068
2N915 2N916 2N918	02237 1854-0050 02237 1854-0021	AD814 AD821(SPEC)	03285 1854-0619 03285 1858-0036	CT-1058 D40D4	04200 1854-0810 02037 1854-1086
2N963 2N964	02037 1850-0119 02037 1850-0085	AT-41400 AT-41435-5	03291 1854-1144 03291 1854-1067	D41D4 D42C11N	02037 1853-0595 04550 1854-0998 04550 1854-0872
2n964 2n976	06632 1850-0099 01979 1850-0137	AT-8160 BA220	03291 1855-0720 03334 1901-0022 03334 1901-1253	քկկн11 քկկн5 քրնդի11	04550 1854-0635 04550 1853-0497
2SA1151 2SA1220	00039 1853-0624 00039 1853-0629 00039 1853-0588	BA482 BA483 BAL 74	03334 1901-1134 10881 1901-1114	D45H11 D45H2 D45H5	04550 1853-0472 04550 1853-0494
2SA1226 2SA1227 2SA1227A	00039 1853-0632 00039 1853-0622	BAR42 BAS 40-04	11708 1901-1254 06121 1906-0320	D5848 DAN601	02865 1906-0244 00746 1906-0293
2SA1302 2SA812	06354 1853-0621 03334 1853-0636	BAS16 BAS19	02237 1901-1227 03334 1901-1150	DDC 4565-96 DDC4565D	02865 1901-0985 02865 1900-0053 02865 1900-0056
2SA985 2SB1007	00039 1853-0633 00746 1853-0674	BAS56	06121 1906-0332 03334 1906-0337 06121 1906-0331	DDC4582D DE111 DE131	04550 1901-0905 04550 1901-1255
2SB737 2SB965	00746 1853-0550 00039 1853-0631 03334 1854-1132	BAS70-04 BAT17 BAT85	03334 1901-1151 03334 1901-1183	DF01 DF04	02713 1906-0284 02713 1906-0283
2SC1623 2SC2275 2SC2334	00039 1854-1119 00039 1854-0860	BAV10 SELECTED BAV70	03334 1901-1164 02037 1901-1144	DF06M DME6553	02713 1906-0306 02865 1900-0062 02865 1900-0030
2SC2429 (SEL) 2SC2690	06344 1854-0940 00039 1854-1115	BAV74 SELECTED BAV99	03334 1901-1224 03334 1906-0303 02037 1901-1145	DME6569 DMF5835A DMF5848	02865 1900-0030 02865 1900-0061 02865 1906-0294
2SC2718 2SC2876	00039 1854-1112 06354 1854-1003	BAW56 BC321C-18 BCF70	02237 1853-0366 03334 1853-0599	DMJ4705 SELECTED DMJ4708	02865 1900-0031 02865 1906-0279
25C2878 25C2987 25C2987A	06354 1854-1041 00039 1854-1118 00039 1854-1113	BCW65C BCX18	02037 1854-1150 10881 1853-0545	DMJ4768 DN2094	02865 1900-0059 02883 1855-0659
2SC3281 2SD1288	06354 1854-1117 00039 1853-0630	BCX20 BCY 57/LV2345	10881 1854-0987 03334 1854-0307	DPAD 100 DPAD1	02883 1906-0100 02883 1906-0282 02883 1906-0325
2SD1378 2SD786	00746 1854-1187 00746 1854-1136	BD139 BD415 BD416	02037 1854-0805 02037 1854-1004 02037 1853-0557	DPAD10 DQA05050505 DSG 6474-44	03287 1906-0297 02865 1900-0032
2SK105F,H 2SK523	00039 1855-0576 00039 1855-0570 02062 1854-0769	BD435 BF258	02037 1854-1121 01698 1854-0621	DSR3700X DSR3800X	04507 1901-1116 04507 1901-1115
35821E 3L05 3N128	02664 1901-0699 01921 1855-0306	BF398 BF569	01698 1853-0355 03334 1853-0611	DSR5500X DTS-802	04507 1901-0893 10674 1854-0705 05840 1854-0086
3N138 3N142	01921 1855-0332 01921 1855-0357	BF9-32	03334 1855-0666 03334 1853-0527 03334 1854-1054	DTS413 D270302N E107	02688 1902-0570
3N153 3N163	01921 1855-0307 02883 1855-0432 03714 1855-0323	BFQ19 BFQ23C BFQ34	05946 1853-0672 03334 1854-0942	E111 E232	02883 1855-0280 02883 1855-0206 02883 1855-0274
3N172 3N190 3N190	03714 1855-0279 03714 1855-0396	BFQ51 BFR 36	03334 1853-0544 06592 1854-0868	ED6240 EGP30B	05131 1901-0591 02713 1901-1147
3N215 3N91	01698 1855-0250 02634 1853-0057	BFR90 BFR91	03334 1854-0591 03334 1854-0632 03334 1854-1050	F54011A FD777 FDH-400	03406 1855-0693 02237 1901-0179 02237 1901-0096
3SF1 3SF2	02664 1901-0674 02664 1901-0988 01921 1854-0224	BFR91A BFR92 BFR92(SEL)	10881 1854-0986 03334 1854-1045	FDH444 FDS01503	02237 1901-1067 02237 1906-0334
40250 40313 40346	01921 1054-0224 01921 1854-0383 01921 1854-0095	BFR93 BFR94	03334 1854-1055 03334 1854-1036	FE16F FEN16CT7	02713 1901-1143 02713 1906-0308
40394 40468	01921 1853-0087 01921 1855-0095	BFR95 BFR96	03334 1854-0721 03334 1854-0722 02037 1854-1049	FEP16GT-3 FES8GT	02713 1906-0295 02713 1901-1140 02883 1855-0395
40608 40673	01921 1854-0612 01921 1855-0534	BFR96 BFRC90 BFT46	02037 1854-1049 02037 1854-0972 03334 1855-0640	FN2645 FSA2509P FSA2565P	02237 1906-0339 02237 1906-0324
40831 40852 40854	01921 1853-0342 01921 1854-0617 01921 1854-0615	BFT92 BFT93	03334 1853-0616 03334 1853-0612	FSA2619P FSA3157P	02237 1906-0257 02237 1906-0074
40054 40HQ030 5082-0001	03038 1901-0859 02062 1901-0881	BFX89 BFY90	03334 1854-0723 02037 1854-1063	FSA3237P FT50	02237 1906-0315 02237 1854-0777
5082-0001 5082-0001 SELECTED	02062 1900-0093 02062 1900-0057	BS170 BS170	02883 1855-0668 02037 1855-0696 02237 1853-0097	FT5754M FT5755M G6R110H	12010 1858-0115 12010 1858-0109 02158 1901-0739
5082-0008 5082-0009	02062 1900-0033 02062 1900-0060 02062 1901-1176	BSX29 BU105 BU406	01698 1854-0797 02037 1854-1006	GES3416 GI250-3	04550 1854-0978 02713 1901-0490
5082-0012 5082-0023 5082-0030	02062 1901-1194 02062 1900-0066	BU426 BU508A	02037 1854-1157 02037 1854-1005	GP30B GX55220A	02713 1901-1135 03287 1854-0869
5082-0049 5082-0830	02062 1900-0025 02062 1901-1193	BUS07 BUS11	02037 1854-1165 06023 1854-0665 03334 1854-1183	H1601-1.5 H1651-12	05088 1901-1251 05088 1901-1197 05088 1901-0974
5082-1006 5082-2272	02062 1901-1232 02062 1906-0252	BUS11A BUS12 BUW11A	03334 1854-1183 03334 1854-1182 02037 1854-1166	н2745-9 н617 н13-0302-5	05088 1901-0768 03171 1901-0001
5082-2370 5082-2755 5082-2794	02062 1906-0234 02062 1901-0920 02062 1900-0088	BUW11A BUW12A BUX-80	03334 1854-1019 03334 1854-0775	HMF-0310-100 HMF-0620	03799 1855-0719 03799 1855-0714
5082-2800 5082-2800 SELECTED	04507 1901-0518 02062 1900-0089	BUX-83 BUX82	03334 1854-0780 06023 1854-0891	HP-3 HP-4	05176 1854-0664 05176 1854-0747 02062 1901-0841
5082-2804 5082-2805	02062 1906-0204 02062 1901-0545	BUZ 15 BUZ10	06121 1855-0523 06121 1855-0553 06121 1855-0671	HSCH-1001 HSCH-3486 HSCH-5312	02062 1901-0841 02062 1901-0883 02062 1900-0071
5082-2810 5082-2826 5082-2830	02062 1901-1131 02062 1906-0082 02062 1906-0210	BUZ1OH BUZ11 BUZ24	03334 1855-0645 06121 1855-0539	HSCH-5316 HSCH-5336 (SELECTED)	02062 1901-1102 02062 1900-0076
5082-2830 5082-2830 5082-2831	02062 1900-0210 02062 1900-0079 02062 1900-0083	BUZ71A BUZ71A	06121 1855-0548 06121 1855-0568	HSCH-5510 HSCH-5512	02062 1900-0035 02062 1900-0070
5082-2831 5082-2835	02062 1900-0087 02062 1901-1085	BUZ80A BY 205-100	03334 1855-0679 01698 1901-0837 01698 1901-0835	HSCH-6332 HSCH-6530 HSMP-3830-T30	02062 1900-0065 02062 1900-0077 02062 1900-0096
5082-3042 5082-3080	02062 1901-1119 02062 1901-0639	BY205-400 BYD33D	03334 1901-1198	HSMP3800	02062 1900-0100

10 BENCH BRIEFS 3RD QUARTER 1987

JDEC	Mfr.	HP P/N					
HSMS-0002 HSMS-0012		1901-1247 1900-0094	LM114AH LM3018AH	03406	1854-0646 1858-0045	MJE182 MJE200	02037 1854-0585 02037 1854-0739
HSMS-2800 HSMS-2812	02062	1900-0078 1900-0091	LM394 LT1839-1	03406	1854-0830 1854-1029	MJE2100 MJE2102	02037 1854-0701 02037 1854-0647
HSMS-2825 HSMS2810	02062 02062	1900-0202 1900-0074	LT5239 LVA 456A	04507	1853-0583 1902-1352	MJE220 MJE223	02037 1854-0735 02037 1854-0692
HSMS2820 HXTR-2101	02062	1900-0072 1854-0863	LVA43A LVA56A	04507 04507	1902-0906	MJE233 MJE2361	02037 1853-0367 02037 1854-0749
HXTR-3002 HXTR-3101	02062	1854-1104 1854-0944	LVA68A M100	04507	1902-0907	MJE241 MJE243	02037 1854-0808 02037 1854-0794
HXTR-3102 HXTR-3675	02062 02062	1854-1093 1854-1033	MA-40035 MA-4E402L	02788		MJE244 MJE251	02037 1854-0754 02037 1853-0458
HXTR-5002 HXTR-5002	02062	1854-0825 1854-0862	MA-4P203-287 MA4404A	05695		MJE253 MJE2801K	02037 1853-0447 02037 1854-0640
HXTR-5102 HXTR-5104	02062 02062	1854-1123 1854-0878	MA4E202L MA4P485	02788	1906-0285	MJE2801T MJE2901K	02037 1854-0819 02037 1853-0365
HXTR-6001 HXTR-6105	02062 02062	1854-0861 1854-0864	MA4P550 MAD130P	02788	1900-0201	MJE2901T MJE2955T	02037 1853-0547 02037 1853-0441
ICTE-12 ID101	03714	1902-0941 1906-0268	MAT-01GH MAT-02-0098	02180		MJE3302 MJE340	02037 1854-0886 02037 1854-0622
1H401A IN4690	02037	1858-0066 1902-1431	MAT-02FH MATO4FY	02180	1854-1109 1858-0110	MJE371K MJE371K	02037 1853-0369 02037 1853-0634
IN5365B IR5062	02037 03038	1902-1345 1854-0804	MBAV70 MBAV74	02037	1906-0336 1906-0335	MJE371K(SELECTED) MJE5191	02037 1853-0450 02037 1854-0682
IR6062 IRF120	03038	1854-0865 1855-0531	MBAV99 MBAW56	02037	1906-0291 1906-0290	MJE5192 MJE5194	02037 1854-0654 02037 1853-0385
IRF130 IRF140	02037	1855-0494 1855-0618	MBD501 MBD5300	02037	1901-1213 1901-1078	MJE5195 MJE521K	02037 1853-0372 02037 1854-0653
IRF150 IRF250	03038	1855-0508 1855-0562	MBD5550A MBDC101	02037		MJE521K MJE5657	02037 1854-1127 02037 1854-0736
IRF300 IRF431	03038	1855-0296 1855-0454	MBI-101 MBR-3535	02037 02037	1901-0760 1901-0860	MJE5850 MJE5852	02037 1853-0584 02037 1853-0657
IRF440 IRF510	03038 03038	1855-0561	MBR030 MBR1060	02037 02037	1901-1158 1901-0986	MJE6040 MJE6043	02037 1853-0455 02037 1854-0879
IRF512 IRF513	03038	1855-0549 1855-0589	MBR1535CT MBR1540	02037 02037	1906-0276 1901-1095	MJE700 MJE701	02037 1853-0347 02037 1853-0364
IRF520 IRF521	03038	1855-0461 1855-0581 1855-0622	MBR1645 MBR20045CT	02037	1901-1152 1906-0307	MJE800 MJE800	02037 1854-0581 02037 1854-0633
IRF521 IRF523	03038	1855-0572	MBR2035CT MBR2545CT	02037	1906-0286 1906-0292	MJE802 MJH16018	02037 1854-0626 02037 1854-1072
IRF523 IRF530	03038	1855-0586 1855-0492	MBR3035CT MBR340P	02037 02037	1906-0267 1901-0877	MLL4003T1 MLL5221	02037 1901-1161 02037 1902-1441
IRF540	02037	1855-0592 1855-0670	MBR3545 MBR745	02037	1901-0912 1901-1173	MLL5223 MLL5225	02037 1902-1442 02037 1902-1443
IRF540(SEL) IRF610 IRF612	03038	1855-0590 1855-0488 1855-0641	MBRL030-T1 MC1107P	02037	1901-1204 1906-0229	MLL5226 MLL5227	02037 1902-1444 02037 1902-1445
IRF630 IRF640	03038	1855-0504 1855-0524	MC1411 MD-982	02037	1858-0089 1853-0471	MLL5228 MLL5229	02037 1902-1446 02037 1902-1447
IRF740 IRF830	03038	1855-0631 1855-0510	MD1130 MD1132	02037	1853-0529 1854-1035	MLL5230 MLL5231	02037 1902-1448 02037 1902-1449
IRF9130 IRF9513	03038	1855-0484 1855-0588	MD2252 MD2369A	02037	1854-0222 1854-1016	MLL5232 MLL5234	02037 1902-1450 02037 1902-1451
IRF9520 IRF9521	03038	1855-0509 1855-0587	MD2905A MD4260	02037	1853-0484 1853-0589	MLL5235 MLL5236	02037 1902-1452 02037 1902-1453
IRF9530 IRF9531	03038	1855-0493 1855-0499	MD6002 MD918A	02037 02037	1853-0663 1854-1010	MLL5237 MLL5239B	02037 1902-1454 02037 1902-1455
IRF9532 IRF9Z20	03038	1855-0517	MDA 990-3 MDA-104	02037	1906-0017 1906-0094	MLL5240 MLL5241 MLL5242	02037 1902-1456 02037 1902-1457
IRFD110 IRFD110	03038	1855-0502 1855-0518	MDA1201 MDA202	02037	1901-0161 1906-0096	MLL5243 MLL5245	02037 1902-1458 02037 1902-1459
IRFD113 IRFD120	03038	1855-0520	MDA208 MDA2500 MDA2502	02037	1906-0219 1906-0008 1906-0007	MLL5246 MLL5250	02037 1902-1460 02037 1902-1461
IRFD123 IRFD210	02883 03038	1855-0729	MDA2504 MDA2506	02037	1906-0222	MLL5251 MLL5252	02037 1902-1463 02037 1902-1464 02037 1902-1465
IRFD420 IRFD9120	03038		MDA2506 MDA3500	02037	1906-0016 1906-0224 1906-0221	MLL5254 MLL5256	02037 1902-1465 02037 1902-1466 02037 1902-1467
IRFD9120 IRFD9123	03038	1855-0522	MDA3501 MDA3502	02037	1906-0221 1906-0093 1906-0266	MLL5257 MLL5258	02037 1902-1467 02037 1902-1468 02037 1902-1469
IRFD9210 IRFF123	03038 02883	1855-0711	MDA3504 MDA3506	02037	1906-0212	MLL5259 MLL5260	02037 1902-1470 02037 1902-1471
IRFF131 IRFF210	03038 03038	1855-0646	MDA920A5 MDA922-3	02037	1901-0365 1906-0028	MLL5261 MLL5262	02037 1902-1472 02037 1902-1473
IRFP250 IRFP450	04550 03038	1855-0691	MDA922-4 MDA922-6	02037 02037	1906-0023 1906-0027	MLL5263 MLL5265	02037 1902-1474 02037 1902-1475
IRFZ22 IRFZ40	03038 03038	1855-0694	MDA970A2 MDA970A2	02037 02037	1901-0638 1906-0258	MLL5266 MLL5267	02037 1902-1476 02037 1902-1477
IT110 IT110	03714	1855-0406 1855-0625	MDA980-3 MDA980-6	02037	1906-0032 1906-0049	MLL5268 MLL5270	02037 1902-1478 02037 1902-1479
IT120A-T071 IT130-T071	03714 03714	1854-0957 1853-0635	MDA990-1 MDA990-2	02037	1906-0037 1906-0058	MM3904 MM3906	02037 1854-0883 02037 1853-0276
IT1700 IT1750	03714 03714	1855-0098 1855-0535	MDS60 MFE3004	02037	1853-0539 1855-0272	MM4018 MM4032	02037 1853-0440 02037 1853-0489
ITS1015(SEL)	03714	1855-0535 1855-0434 1854-0992	MFEC521 MFQ960C	02037	1855-0652 1855-0651	MH4645 MH5262	02037 1853-0308 02037 1854-0802
ITS4066 ITT600	04486	1855-0442 1901-0703	MFR515 MFR961	02037	1854-0849 1854-0980	MM8001 MM8006	02037 1854-0580 02037 1854-0540
IVN5000TNE IVN5001ANF	03714	1855-0537 1855-0431 1855-0489	MHQ2221 MJ10006	02037	1858-0009 1854-0948	MMBC1321Q5 MMBD101	02037 1854-1020 02037 1900-0037
IVN5201TNF J107	02883	1855-0445 1855-0424	MJ11012 MJ11015	02037	1854-0845 1853-0501	MMBD352 MMBD6050	02037 1900-0039 02037 1901-1142
J108 J112 J175	02883	1855-0446	MJ11016 MJ11021	02037	1854-0887 1853-0524 1854-0941	MMBD7000 MMBD914 MMBD914XT1	02037 1906-0298 02037 1901-1225
J177 J2472	02883	1855-0574 1855-0289 1855-0298	MJ12003 MJ12004	02037	1854-0964 1854-0969	MMBF4391 MMBF4393	02037 1901-1228 02037 1855-0680
J270 J304	03406	1855-0437 1855-0425	MJ12005 MJ12005(SELECTED) MJ12010	02037	1854-0969 1854-0983 1854-0906	MMBF 4393 MMBF 4393	02037 1855-0695 02037 1855-0715 02037 1855-0681
J304(SEL) J309	03406	1855-0554 1855-0268	MJ13091 MJ14000	02037	1854-1060 1854-1056	MMBR4957 MMBR5179	02037 1853-0620 02037 1854-1083
JAN TXV 1N825 JAN TXV 2N2222A	02037	1902-0973 1854-0829	MJ15003 MJ16002 (SELECTED)	02037	1854-0989 1854-0984	MMBR901 MMBR931	02037 1854-1108 02037 1854-1027
JAN TXV 2N2907A JANTX1N750A	02037	1853-0470 1902-0697	MJ16012 MJ16018	02037	1854-1015 1854-1071	MMBT2222A MMBT2369	02037 1854-1053 02037 1854-1095
JANTXV 1N4148-1 JANTXV1N3020B	02237		MJ2500 MJ2955	02037	1853-0387 1853-0420	MMBT2907A MMBT3904	02037 1853-0525 02037 1854-1037
JANTXV2N3251A JME2955	02037 02037	1853-0477 1853-0492	MJ3000 MJ3772	02037	1854-0618 1854-0589	MMBT3906 MMBT4124T1	02037 1853-0567 02037 1854-1138
JPAD20 JTX2907A	02883 02037	1901-1181 1853-0290	мј4035 мј4645	02037 02037	1854-0707 1853-0348	MMBT4126 MMBT4260	02037 1853-0645 02037 1853-0637
KBF06 KBPC-W35-04(SELECTED)	02713 02713	1906-0233 1906-0281	MJ8505 MJD117	02037 02037	1854-0965 1853-0643	MMBT4403 MMBT5087	02037 1853-0580
KBPC-W35-06 KBPC12-02-W	02713	1906-0305 1906-0272	MJE 210 MJE 2370	02037 02037	1853-0398 1853-0394	MMBT5088T1 MMBT5401	02037 1853-0568 02037 1854-1137 02037 1853-0581
KBPC606 KBU4G	02713 02713	1906-0255 1906-0201	MJE 253 MJE-13009	02037 02037	1853-0417 1854-0827	MMBT5550 MMBT6429	02037 1854-1052 02037 1854-1014
KBU8B LCE7.0	03287	1906-0343 1901-1210	MJE1090 MJE1091	02037 02037	1853-0334 1853-0332	MMBT918 MMBTA55	02037 1854-0929 02037 1853-0566
LL4148 LL4733A	04486 04486	1901-1162 1902-1491	MJE12007 MJE13003	02037 02037	1854-0847 1854-0996	MMBTH10 MMBTH24	02037 1854-1148 02037 1854-1102
LL4740A LL4742A	04486	1902-1490 1902-1492	MJE15030	02037	1854-1134 1854-0920	MMBTH81 MMBV3401	02037 1853-0516 02037 1901-1180
LL4744A LL4747A	04486	1902-1488	MJE15030 MJE15031	02037	1854-1161 1853-0652	MMBZ-5232	02037 1901-1192 02037 1902-1436
LL5248 LM-394BH	03406	1902-1462 1854-0826	MJE1661 MJE170	02037	1854-0768 1853-0368	MMBZ-5241 MMBZ5230	02037 1902-1437 02037 1902-1524
LM103-2.4 LM103-3.0 LM103H-5.1	03406	1820-0225 1902-1406 1902-0942	MJE170 MJE172 MJE180	02037	1853-0436 1853-0341	MMBZ5231 MMBZ5257B	02037 1902-1501 02037 1902-1535
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JDEC	Mfr.	HP P/N						
MMD6100 MMD6150	02037 02037	1906-0025 1906-0024	MR2406 MR2406F	02037 02037	1901-1121 1901-1137	RFL1NO8L RFM10N12	01921 18 01921 18	55-0672
MMD7000 MMD830-E20	02037 08852	1906-0026 1900-0050	MR501 MR502	02037 02037	1901-1081 1901-0870	RFP10N12 RFP10N15	01921 18 01921 18	55-0676
MMD830-E20 SELECTED MMDC6050	02037	1900-0080 1901-0829	MR504 MR508	02037	1901-1000 1901-0889 1901-0839	RFP10P15 RFP12N08 RFP15N05L	01921 18 01921 18 01921 18	55-0677
MMPQ-3906 MMPQ2222A	02037 02037	1858-0114 1858-0112	MR510 MR751 MR752	02037 02037 02037	1901-0652 1901-0788	RFP2NOSL RFP2N12L	01921 18 01921 18	55-0678
MMPQ2907A MMPQ3799	02037 02037 02037	1858-0113 1858-0122 1858-0120	MR754 MR754	02037 02037	1901-0767 1901-0781	RFP4N06L RFP5P12	01921 18 01921 18	55-0708
MMPQ3904 MMT3960 MMT3960A	02037 02037	1854-0555 1854-0587	MR756 MR758	02037 02037		RFP6P08 RFP8P08	01921 18 01921 18	355-0621
MMX1735 MP312-78-69	08852 07050	1900-0048 1854-1046	MR818 MR820	02037 02037	1901-1148 1901-1086	RGP-10M RGP15-15	02713 19	001-0847 001-1237
MP358 MP603	07050 02037	1853-0619 1850-0440	MR822RL MR850	02037 02037	1901-0789	RGP15M RKBU4K	02713 19 02713 19	906-0333
MP833-1004 MPD200	07050 01973	1855-0515 1901-0866	MR852 MR854 MR856	02037 02037 02037	1901-0692 1901-0719 1901-1087	RUR810 RUR810 S10925		901-0967 901-1113 901-1154
MPD400 MPF6660	01973 02037 02037	1901-1034 1855-0675 1855-0594	MR862R MR881R		1901-1122	S17843 S2F	02237 18	354-0022 301-0646
MPF960 MPN3401 MPN3500	02037	1901-0844	MR891R MRF531(SEL)	02037 02037	1901-1037 1854-1168	S32248 S4F	02237 18 02664 19	353-0058 901-0669
MPQ2222P MPQ2369	02037 02037	1858-0077 1858-0055	MRF544 MRF545	02037 02037	1853-0625	SA100CA SA11A	03287 19	
MPQ2369 MPQ2484	02037 02037	1858-0100 1858-0091	MRF571(SEL) MRF5711L	02037	1854-1042 1854-1125	SA617 SB160	01979 18 02713 19 02713 19	901-1165 906-0300
MPQ2906 MPQ2907P	02037 02037	1858-0076	MRF580A MRF581 MRF581	02037 02037 02037	1854-1022	SB1660 SB560 SCAJ1	02713 19	901-1163 901-0526
MPQ3546 MPQ3725 MPQ3762	02037 02037 02037	1858-0034	MRF581 (MOD) MRF586	02037 02037	1854-1184	SCBA2F SCDA2	02664 19 02664 19	906-0072
MPQ3798 MPQ3799	02037 02037	1858-0071	MRF587 MRF604	02037 02037	1854-1047 1854-1159	SCPA05F SCPA2	02664 19	906-0071 906-0039
MPQ3799-2 MPQ3904	02037 02037	1858-0111	MRF630 MRF870	02037 02037	1854-1149	SD-241 SD-41		901-1100
MPQ3906 MPQ6002		1858-0090	MRF904 MRF911	02037 02037 02037	1854-1178	SD103C SD210DE CD211DE (SELECTED)	02883 18	901-0999 855-0647 855-0215
MPQ6100 MPQ6426	02037 02037	1858-0102	MRF962 MRF965 MSD 7000	02037 02037 02037	1854-1107	SD211DE(SELECTED) SD213 SD214	09283 18	855-0440 855-0269
MPQ6700 MPQ6700 MPQ6842	02037 02037 02037	1858-0093	MSD6101 MSS-30,254-B20	02037		SD214DE SD215	02883 18 02910 18	855-0723
MPQ7041 MPQ7051	02037 02037	1858-0107 1858-0106	MSS-40,155-E20 MSS40,141-B10 SELECTED	08852 08852	1900-0054 1900-0085	SD306(SEL) SE5055	02237 18	855-0557 854-0388
MPQ7091 MPQ918	02037 02037	1858-0088 1858-0094	MIM10N10 SELECTED MIM10N15	02037 02037	1855-0495	SES5603CR SFE793	02037 18	906-0259 855-0020
MPS 6523 MPS A12	02037 02037	1854-0560	MTM12N06 MTM15N50	02037 02037	1855-0478	SFRO SG3821N	03793 18	901-0998 858-0022 853-0642
MPS U-10	02037 02037 02037	1854-0764	MTM2P45 MTM3N35 MTM60N06	02037 02037 02037	1855-0705	SGS126 SGSIF444 SH6401PC		854-1158
MPS U-60 MPS-404A MPS-A14	02037	1853-0217	MTP10N25 MTP12N06	02037 02037	1855-0673	SH6501PC SJ7076	02237 18 02037 18	821-0006 854-0968
MPS-A14 MPS-A17	02037 02037	1854-0977 1854-0642	MTP12N10 MTP12N18	02037 02037	1855-0563	SL2364C SMFR30K	02664 19	
MPS-A18 MPS-A42	02037		MTP14N05A MTP1N100		1855-0664	SPF938 SPQ1678	02037 18 02037 18 02037 18	858-0087 858-0052 858-0008
MPS-A64 MPS-A66	02037	1853-0416 1853-0483 1853-0395	MTP2N90 MTP3055A MTP3N60	02037 02037 02037	1855-0725	SPQ526K SPS 233 SPS 3627	02037 1	854-0246 854-0270
MPS-A70 MPS-D54 MPS-H17	02037	1853-0467	MTP4N50 MTP5N40	02037 02037	1855-0607	ST3011 STB523-A	06632 1 01973 1	854-0690 901-0460
MPS-U01 MPS-U02	02037 02037	' 1854-0634 ' 1854-0514	MUR105 MUR115	02037		STB567 SX43	00046 1	902-1385
MPS-U02 MPS-U05	02037		MUR140 MUR1510	02037 02037 02037	1901-1189	SZ11213-48 SZ1521-250 SZG30590	02037 1 02037 1 02037 1	902-0027
MPS-U07 MPS-U45	02037 02037 02037	1854-0798	MUR160 MUR1620CT MUR1620CT OPTION TO220-C	02037	1906-0321	T1D778 T1P-33	00046 1	901-0979 854-0594
MPS-U51 MPS-U52 MPS-U55	02037 02037	1853-0476	MUR3020PT MUR410	02037 02037	7 1906-0329 7 1901-1239	T1P140 TG-10	05088 1	854-0663 901-0995
MPS-U57 MPS-U95	02037 02037	1853-0449	MUR4100 MUR415	02037	7 1901-1216	TID130 TIP 115	01698 1	906-0202 853-0377
MPS2369 MPS2907A	02037 02037	1853-0626	MUR460 MUR860A MURC115	02037	7 1901-1199 7 1901-1130 7 1901-1169	TIP 141 TIP-122 TIP-126	01698 1	854-0763 854-0828 853-0424
MPS3640 MPS3643 MPS3646	02037 02037 02037		MX-2844 MX-2860	08852	2 1900-0082 2 1900-0084	TIP-127 TIP-34	01698 1 01698 1	853-0468
MPS4250A MPS4356	02037 02237	7 1853-0587 7 1853-0488	MX1098 MX2946	08852	2 1901-0977 2 1900-0086	TIP-35A TIP-41	01698 1 01698 1	854-0625
MPS5179 MPS571	02037 02037	7 1854-0981 7 1854-1142	MX3141 MXR5583	02037	2 1900-0095 7 1853-0610 7 1854-1100	TIP100 TIP102	02037 1 01698 1 02037 1	854-0840 854-0970
MPS6531 MPS6534	02037	7 1854-0730 7 1853-0536 7 1854-1140	MXR5943 MXT2222A MXT2907A	02031 02031	7 1854-1094	TIP105 TIP106 TIP107	01698 1	.853-0454 .853-0454
MPS6543 MPS6543 SELECTED MPS6562	02037	7 1854-0296 7 1853-0318	MXT3904 MXT3906	0203		TIP110 TIP112	01698 1 02037 1	.854-0670
MPS8098 MPS834	02031	7 1854-0973 7 1854-0866	M22361 M25556	0203		TIP122 TIP140	01698 1	.854-1128 .854-0700
MPSA18RLRA1 MPSA44RLRA1	02037	7 1854-1179 7 1854-1167 7 1853-0608	MZC4.7A10 MZC5.6B2 MZC6.8A3	0203 0203 0203	7 1902-0990	TIP140 TIP142 TIP145	02037 1	.854-0880 .854-0985 .853-0498
MPSA55 MPSA65 MPSA76	0203	7 1853-0000 7 1853-0412 7 1853-0572	MZT4554B ND946	0203		TIP31F TIP32C	01698 1	.854-1169 .853-0537
MPSA92 MPSC404A	0203 ¹	7 1853-0336 7 1853-0555	NE-41635 NE02133L	0003	9 1854-1008 9 1854-1091	TIP32F TIP36	01698 1 01698 1	.853-0654 .853-0453
MPSH10 MPSH10	0203°	7 1854-0795 7 1854-0993	NE02135 NE21935	0003	9 1854-0946 9 1854-1009 9 1854-1044	TIP41A TIP41C	02037 1	1854-0456 1854-0799
MPSH10 MPSH54	0203	7 1854-1139 7 1853-0662 7 1853-0448	NE21935 NE64535 NE68135	0003	9 1854-1002	TIP41C(SELECTED) TIP42 TIP42A	02037 1 01698 1	1854-0967 1853-0356 1853-0234
MPSH81 MPSH81 MPSW01	0203	7 1853-0639	NE71000 NE71084-06	0003	9 1855-0569 9 1855-0636	TIP42C TIP47	02037 1	1853-0431 1854-0838
MPSW06 MPSW51	0203°	7 1854-0997 7 1853-0660	NE73416D NE800199	0003	9 1854-1066 9 1855-0637	TIP50 TIP51	02037 1 01698 1	1854-1069 1854-0806
MPSW55 MPSW56	0203	7 1853-0559 7 1853-0552	NE85633 NE90115	0003	9 1853-0578	TIP642 TIP647	01698 1	1854-0982 1853-0543
MPTE-15 MPTE-15C	0328 0328		NEL2301-53 NS3000 PAD5	0261	9 1854-1170 9 1901-0663 3 1901-0842	TIP75B TIPL753A TIPL762A	01698 1	1854-0803 1854-0960 1854-1099
MR1-1400 MR1033A MR1035A	0203	7 1901-0865 7 1901-0411 7 1901-0413	PAD5 PF5101(SELECTED) PIC900C	0340 0004	6 1855-0529 6 1858-0095	TIPL/62A TIPP115 TIR101B	01698 1	1853-0668 1906-0213
MR1120 MR1120 MR1120R	0203 0203	7 1901-0495 7 1901-0585	PK10 PN3568	0513 0223	1 1906-0203 7 1854-0867	TIR201B TIS-149	01698 1 01698 1	1906-0214 1853-0464
MR1121 MR1121R	0203 0203	7 1901-0496 7 1901-0592	PN4250 PN4250	0223 0223 0870	7 1853-0641 7 1853-0664 9 1858-0117	TMPD4150 TN4030-D74Z	03406 1	1901-1252 1853-0551
MR1122 MR1123	0203 0203 0203	17 1901-0497 17 1901-0498 17 1901-0630	PU4220 R711XE R712	0508 0508	8 1906-0242	TND908 TPQ6002 U1897E	04200 1	1906-0275 1858-0083 1855-0436
MR1123R MR1124 MR1125	0203	17 1901-0630 17 1901-0499 17 1901-0500	R712A R712B	0508 0508	8 1906-0236 8 1906-0088	U310 U310(SELECTED)	02883 1 02037 1	1855-0530 1855-0235
MR1126 MR1128	0203 0203	7 1901-0551 7 1901-0552	R712X R754	0508 0508	88 1906-0067	U311 U401	02883 1 02883 1	1855-0519 1855-0635
MR1130 MR2004S	0203 0203	7 1901-0553 7 1901-0825 7 1901-0824	RC60 RCA9212A RCP-703C	0192	1 1901-0896 1 1855-0512 1 1854-0639	บ440 บ443 บบท2580A	02883 1	1855-0573 1855-0639 1858-0085
MR2004SR MR2400		37 1901-0824 37 1901-0978	RFL1N08L	0192	1 1855-0595	UES 2402	00046 1	1906-0262

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UES-1106 UES1303 UES1305 UES1306 UES2602R UES2602R UES2603 UES2605 UES2607 UES2603 UES2609 UES2601R UES803 UES803 UES804 UU-2003A	USD 745C USD840 USD945 V334X V336X VB10X VCR2N VCR3P VE48 VG-2X VH148 VME1404 VME2402A VME2404 VJ148X VJ848	00046 1906-0265 00046 1901-1218 00046 1901-1218 00046 1901-1218 00046 1901-1016 05088 1901-0882 05088 1901-1105 02883 1855-0265 02883 1855-0265 05088 1906-006 05088 1906-0052 05088 1906-0052 05088 1906-0270 05088 1906-0270 05088 1906-0270 05088 1906-0205 05088 1906-0205 05088 1906-0264 05088 1906-0265 05088 1906-0264 05088 1906-0265 05088 1906-0265 05088 1906-0265 05088 1906-0264 05088 1906-0265 05088 1906-0265 05088 1906-0265 05088 1906-0265 05088 1906-0265 05088 1906-0265 05088 1906-0265 05088 1906-0265	VN1 OKE VN1 OKE VN1 OKE VN1 OKE VN2 CZZL VN6 CAD VN6 CAD VN6 CAD VPO 3 OOL V	02883 1855-0545 02883 1855-0560 02883 1855-0566 02883 1855-0566 02883 1855-0566 02883 1855-0250 02883 1855-0250 02883 1855-0250 02883 1855-0250 02883 1855-0526 02883 1855-0526 02883 1855-0526 02883 1855-0526 02883 1855-0526 02883 1855-0526 02883 1855-0591 02883 1855-0591 02883 1855-0591 02883 1855-0650 02883 1855-0650 02883 1855-0650 05088 1906-0243 05088 1906-0243 05088 1906-0278 05088 1901-0278 05088 1901-0976
		USD846 USD945 V334X V336X V336X V810X VCR2N VCR3P VEM8 VG-2X V11148 VME2404 VII148X VJ848 VJ848 VJ848 VJ847 VR248 VKP 248 VLM47 VR26X VMP-1 VR0104M3 VR0300M VR0300M	USD840 USD945 USD945 USD945 USD945 USD945 USD945 USD88 USD88 USD88 USD88 USD88 USD88 UCR2N UCR2N UCR3P USB88 UOG-0006 UOG-0006 USB88 UOG-0007 USB88	USDB40 USD945 USD945 USD945 USD945 OOM6 1901-1156 WH10LE V33LX V33EX V33EX V5088 1901-0842 WE222LL V81.0X VCR2N VCR2N VCR2N VCR2N VCR3P VCR3P

Reader's Comment

Irv Barditch, of Baltimore Maryland, requested clarification on how the Rotary Pulse Generator, described in the previous 2nd Quarter issue of Bench Briefs, actually determined rotational direction. Figure 1 and the timing diagram did not clearly show how the RPG determined direction, and the text stated only that, "The shaft encoder was designed such that A and B transitions were always shifted by 90 degrees."

The fundamental Rotary Pulse Generator I described is shown in Figure 2 as an artist's conception. It contains a light source, a light shield with two windows a precise distance apart, a round disc with slots of equal size and spacing (sometimes called a shutter), and two phototransistors. The shield is in a fixed position between the light source and rotating disc, which is attached to the knob. The phototransistors are lined up behind the shutter and in line with their respective windows in the shield. (We'll call them windows A and B.) The windows are offset so that as the disc rotates between the shield and phototransistors, light shines directly through one window first, through the disc and onto one phototransistor. So, as an example, when you rotate the shaft counterclockwise, light shines through window B, the shutter and onto phototransistor Q1. Q1 conducts and turns on Q2, which causes the Schmitt trigger output B to go high. A moment later the shutter's rotation allows light to pass through from window A and shine on phototransistor Q3, which causes output A to go high. As the shutter continues CCW, the light is cut off first from

Q1 causing output B to go low, then Q3 causing output A to go low.

Therefore, as the shaft is rotated CCW, Q1 conducts first, then Q3 conducts. Then Q1 turns off followed by Q3. When you rotate the shaft

clockwise, Q3 conducts first follower by Q1 and so on. The spacing between the windows in the light shield and the alignment of the shutter to these windows determines the 90 degree difference in output transitions.

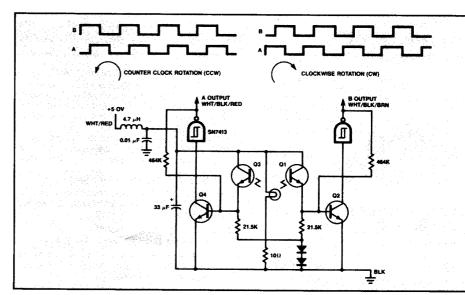


Figure 1

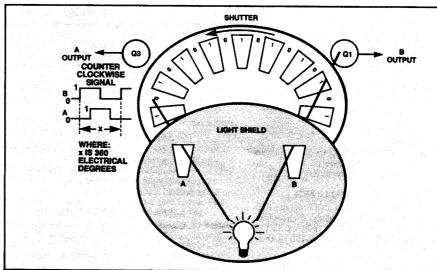


Figure 2

Replacement Part Cross Reference

When selecting replacement parts for your HP products, you may notice that many manuals list only an HP part number for the part, even though it appears that this part is manufactured by one of the large semiconductor manufacturers. Service personnel often ask why only HP part numbers are listed.

It is recommended that HP replacement parts be used to ensure that original performance of the product will be retained. While some parts used in HP instruments are identical to those that can be purchased at a local electronics distributor, many times parts will be selected for certain

characteristics, such as gain, bandwidth, capacitance, etc. There may also be slight mechanical differences, such as the shaping or length of leads. In some cases special quality checks are used to ensure that high reliability parts are used at the factory and at HP field offices. Therefore, we suggest obtaining replacement parts from HP to maintain the quality that you have paid for in your instrument.

There may be situations however, where HP replacement parts are not in stock and substituting parts will allow you to return the product to service immediately. In these cases it may be worthwhile to see if a substi-

tute part will work in the circuit. Perhaps an HP part could be ordered and installed at some later date.

To help you in these situations, here is a cross-reference of HP part numbers to JEDEC numbers for transistors and diodes.

NOTE

This is not a comprehensive list. Many semiconductors are made exclusively for Hewlett-Packard and there are no substitutes. If the part number you are looking for is not listed here, it does not have a JEDEC number and must be replaced with the same HP part number.

Manufacturers Code Number Cross Reference

No.	Manufacturer				N	ο.	Manufacturer				
00039	NEC ELECTRONICS INC	MTN VIEW	CA US	9404350545	na na	3799	HARRIS CORP				
00046		LEXINGTON		021739N171			INTEL CORP	MELBOURNE			3290134371
	ROHM CORP	IRVINE		927132M627		1078		SANTA CLARA			9505434649
01250	GTE SYLVANIA ELEK COMPONENTS GROUP	WALTHAM	MA	0215494151			SPRAGUE ELECTRIC CO	PHOENIX			8502250088
01352	GERMANIUM POWER DEVICES CORP	ANDOVER	MA	0181053399		486	ITT CORP	LEXINGTON			0217356289
01590	PLESSEY SEMICONDUCTORS	SANTA ANA	CA	9270552648			GENERAL INSTRUMENT CORP	NEW YORK			1002271468
	TRW INC SEMICONDUCTOR DIV	LAWNDALE	CA	9026001281			TRW INC	CLIFTON			0701271744
01698		DALLAS		7526501295			GENERAL ELECTRIC CO	CLEVELAND			4412471785
	RCA CORP	NEW YORK		101123L585	Ohi	1583	BRADLEY SEMICONDUCTOR CORP	FAIRFIELD		US	0643072799
01973	GE CO SEMICONDUCTOR PROD DEPT	AUBURN	NY US	1320103508			LUCAS LEDEX INC	NEW HAVEN	CT		0650673506
01979	LANSDALE TRANSISTOR & ELEK INC	PHOENIX		850197E372		880	VARO INC	VANDALIA	OH	US	4537781840
01991		WAKEFIELD	MA	0188024046			ELECTRONIC DEVICES INC	GARLAND YONKERS			750461B546
02037		ROSELLE	IL US	6019504713	051	176	AMERICAN SHIZUKI CORP		NY		1071083701
		SAN JOSE		9430428480	056	605	M/A-COM DBA MICROWAVE ASSOC. INC	CANOGA PARK			9130484411
02086	WESTINGHOUSE ELEC CORP SEMICON DEP	TYOUNGWOOD		1569705277	058	8ևո	DELCO ELEK DIV OF GENL MOTORS CORP	BURLINGTON	MA		0180396341
02158	EDAL INDUSTRIES INC	EAST HAVEN	CT	0651206288	050	010	PHILIPS ELECTRONIK INDUSTRIE GMBH	KOKOMO	IN		5315499974
02180	PRECISION MONOLITHICS INC	SANTA CLARA	CA US	9505406665	050	946	VALVO GMBH				3500D2332
02237	FAIRCHILD SEMICONDUCTOR CORP	CUPERTINO		9501407263			R T C DIVISION COGECO	HAMBURG		CM	2000D2540
	SEMICON INC	BURLINGTON		0180311961	060	U53	MULLARD LTD	PARIS		FR	
02537		CHATSWORTH		9131112060	060	078	INTL RECTIFIER LTD			EG	K0004
02569	CRYSTALONICS, DIV TELEDYNE	CAMBRIDGE		0214012498	061	121	OTTO THE A. P.			IR	
02619	SOLITRON DEVICES INC (DIODES)	TAPPAN		1098313327			222 100-	MUNICH			8000
02634	SPRAGUE ELECTRIC SEMICON DIV	CONCORD		0330113606	063	377	DITTEMOTE AND ADDRESS OF THE PARTY OF THE PA	MILAN		ΙT	A3500
02664	SEMTECH CORP	NEWBURY PARK		9132014099	063	35 <u>L</u>		SANTA CLARA			9505480167
02682		TUSTIN		9268014433	067	L18	TRACTICAL CONTRACTOR OF THE CO	TOKYO		JP	S0562
	MICROSEMI CORP	SCOTSDALE		8525214552	065	563		GLENROTHES FIFE		SC	КЗ444
02713		HICKSVILLE		1180214936	065	502		SCOTTSDALE	ΑZ		8525212954
	TELEDYNE INDUSTRIES INC	LOS ANGELES		9006715818	066	632	OPILIT GOLD CO.	MILAN		ΙT	A3500
02783		JERSEY CITY		0730416068	070	050		STUART	FL		1135650891
	M/A-COM INC	BURLINGTON		0180316179	072	221	CITED TO SECOND	SANTA CLARA	CA		9505054186
02803	CODI SEMICONDUCTOR	LINDEN		0741016352	077	766	TA DADTORDONAL	SUNNYVALE	CA		94086
02865	ALPHA INDUSTRIES INC	WOBURN		0180117540	087	700		VILLEVRBANNE		R	
	SILICONIX INC	SANTA CLARA		9505417856	088	352	MEMBER TOO GOOD			DS (07094
	SIGNETICS CORP	SUNNYVALE	CA US	9408618324			MODAR CHUTCOMMISSES		CA		
03038	INTL RECTIFIER CORP	LOS ANGELES	CA US	900699M011		114	IDITED ON THE SAME	SAN JOSE		JS 9	95132
	SOLITRON DEVICES INC	PALM BEACH	FL US	3340434677	106	546	CANDON DESCRIPTION		MA		
03191	The Country of the Co	SAN DIEGO		9212322229	106	574		TOKYO UNION		JΡ	
03285	ANALOG DEVICES INC	NORWOOD	MA US	0206224355	107		IID D.T.I. C		NJ I	JS	
03287	GENERAL SEMICONDUCTOR IND INC	TEMPE	AZ US	8528124444	108		H-IBRAPE ELECTRONICA	SANTA ROSA	CA		
	AVANTEK INC	SANTA CLARA	CA US	9505424539	108	881	MICHECAN GOD	701mppu		BR	
	NV PHILIPS ELCOMA	EINDHOVEN	NE	0287625403	110		OTHER DAMES AND	COURBEVOIE		R	
03406	NATIONAL SEMICONDUCTOR CORP	SANTA CLARA		9505227014	116	99	OPPORT A REAL PROPERTY.		CA		
03447	HUGHES AIRCRAFT CO NEWP BEACH DIV	NEWPORT BEACH		266327832	117	' 8o'					11788
03571	LANSDALE XSTR ELEK CO ADVANCE LINE	COLMAR		1891532113			DOL MONTE	VELIZY VILLACOU			78140
03627		LA MIRADA	CA	9063830043			CITYTOOT I I	YOUNGWOOD			15697
	INTERSIL INC	CUPERTINO		501432293			DEGREEN	TOKYO		P 1	.00
03776	KERTRON INC	RIVIERA BEACH		3340433904	129		WT ODO OTTAK TIME	TAIPEI		N	
03793	SILICON GENERAL INC	SAN JOSE	CA US	9513434333		27					75042
					-3		THE DISTANCE OF THE PARTY OF TH	LEHONT.	CAL	S 9	14539

1ST QUARTER 1991 BENCH BRIEFS 5

Transistor/Diode Cross Reference – HP P/N to JEDEC No.

HP P/N	Mfr.	Desc. LM103-2-14 CA3026 CA3018 HPQ6842 CA3046 CA3045 SH6501PC SN404A SN179A SN2566 SN1338 SN779A SN964 SN3309 SN964 SN3309 SN968A SA617 SN1377 SN368A SN1308 SN21308 SN21308 SN21308 SN21308 SN21308 SN21308 SN21308 SN21308 SN21308 SN3791 SN3906 SN13790 SN137	HP P/N	Mfr.	Desc.	HP P/N	Mfr.	Desc. BFQ-32 MD1130 MPS6534 T1P32C MDS60 2N5771 2N64901 T1P647 BFQ51 BCX18 MJE2901T 2N6420 2SB737 TN4030 MPSW56 A440 BD416 2N6554 MPSW55 2N3906 (SEL) 2N4403 MMBTA55 MMBT3906 MMBTA55 MMBT3906 MMBTA55 MMBT3906 MMBTS401 LT5239 MJE360 2N5416 (SEL) NE9015 MMBTS401 LT5239 MJE360 2N5466 2N4036 2N3408 D4104 2N4917 BCF70 MFSA55 MKT2907A MXT2907A MXT2907A MXT2907A MXT2907A MXT3906 EFT92 2N6298 MMTMSP545 MMTMSP545 MMTMSP545 MMTMSP57 SSA1302 SSA1227 SSA1227 SSA1227 SSA1227 SSA985 MJE371K IT130-T071 SSA812 MMBTS401 SSA1227 SSA985 MJE371K IT130-T071 SSA812 MMBT460 NJE360 NJE371K IT130-T071 SSA812 MMBT4957 SSA1227 SSA985 MJE371K IT130-T071 SSA812 MMBT4260 NJE371K IT130-T071 SSA812 MMBT41266 NJD117 MMBT4260 NJE360 SSI266 MJD117 MMBT41266 NJD117 MMBT4126	HPP/N	Mfr.	Desc.
1820-0225	03406	LM103-2.4	1853-0328	01921	2N6211	1853-0527	บรรรษ	BF0-32	1852-068)	02027	MMBTA56
1820-0240	01921	CA3026	1853-0332	02037	MJE1091	1853-0529	02037	MD1130	1853-0685	02037	2N4126
1820-0352 1820-1804	01921	CA3018	1853-0334	02037	MJE1090	1853-0536	02037	MPS6534	1853-0686	02037	2N4261
1821-0001	01921	CA3046	1853-0340	02037	MPSA92 2N588b	1853-0537	03406	TIP32C	1853-0687	03334	BST16
1821-0002	01921	CA3045	1853-0341	02037	MJE172	1853-0540	02037	2N5771	1853-0689	02037	BSR33 MRF5211
1821-0006 1850-0062	02237	SH6501PC	1853-0342	01921	40831	1853-0542	02037	2N6491	1853-0690	03334	BD140
1850-0064	01921	2N404A 2N1183	1853-0344	02037	2N5876 M TE 700	1853-0543	01698	TIP647	1853-0691	03334	BCX53AH
1850-0075	01979	2N779A	1853-0348	02037	MJ4645	1853-0545	10881	BCX18	1853-0692	02037	BC636 TIP147
1850-0076	01698	2N2556	1853-0349	01698	2N5333	1853-0547	02037	MJE2901T	1853-0697	02037	MJD127
1850-0093 1850-0099	03571	2N1499A	1853-0350	01698	TIP-34	1853-0548	02037	206420	1853-0698	06121	BFT93
1850-0126	01921	2N2869	1853-0353	02037	MPS-U55	1853-0551	03406	25B[3] TN4030	1853-0699	03334	PXT4403 MJD350
1850-0137	01979	2N976	1853-0356	01698	TIP42	1853-0552	02037	MPSW56	1853-0703	06121	BC415C
1850-0150 1850-0151	01698	2N1350	1853-0360	02037	2N3799 V)6H2R1	1853-0553	03334	A440	1853-0704	02037	MJD42C
1850-0154	01979	2N508A	1853-0364	02037	MJE701	1853-0558	02037	2N6554	1853-0705	02037	MMBR536 MMBT3640
1850-0156	01979	SA617	1853-0365	02037	2N6489	1853-0559	02037	MPSW55	1853-0707	02037	2N3906-STYLE D
1850-0170 1850-0172	01698	2N1377 2N2006	1853-0366	02237	BC321C-18	1853-0563	02037	2N3906 (SEL)	1853-0708	03406	2N4917-J25Z
1850-0173	01698	2N1307	1853-0369	02037	MJE371K	1853-0566	02037	MMRTASS	1853-0709	02037	TIP36C 2SA1186
1850-0181	01698	2N2552	1853-0371	01921	2N6107	1853-0567	02037	MMBT3906	1853-0711	02037	MJD45H11-1
1850-0194 1850-0406	05840	2N1523 2N1760	1853-0372	02037	MJE5195	1853-0568	02037	MMBT5087	1853-0712	03334	BSR60
1850-0441	06632	2N779A	1853-0378	02037	2N5986(SELECTED)	1853-0572	02037	MPSA76	1853-0713	02037	MJ6503 MPSA64-5
1851-0024	01698	2N388A	1853-0381	01698	2N6331	1853-0573	10881	286709	1853-0717	02037	BFT92R
1851-0025 1851-0037	01698	2N1306 2N1208	1853-0383	02037	2N6296	1853-0574	02037	2N3468	1853-0718	02037	MRF5583
1851-0041	03334	2N2430	1853-0391	02037	2N6051	1853-0576	02037	NEON115	1854-0005	02237	2N708
1853-0006	02037	2N3134	1853-0392	02037	2N3741	1853-0580	02037	MMBT4403	1854-0010	02037	2N709 2N834
1853-0007 1853-0008	02037	2N3251 2N3250	1853-0394	02037	MJE 2370	1853-0581	02037	MMBT5401	1854-0011	02037	2N835
1853-0012	02037	2N2904A	1853-0395	02037	MJE 210	1853-0583	04507	LT5239 M.TE5850	1854-0013	02037	2N2218A
1853-0013	01698	2N2904	1853-0399	03406	2N3467	1853-0585	02037	2N5679	1854-0021	02037	2N2223 2N918
1853-0014 1853-0019	02237	2N3304	1853-0404	01698	A5T4260	1853-0587	02037	MPS4250A	1854-0022	02237	S17843
1853-0023	01698	2N3703	1853-0405	01921	2N4209 2N6476	1853-0588	00039	2SA1226 MT:0260	1854-0026	01973	2N335
1853-0028	02037	2N3634	1853-0407	02037	2N5880	1853-0590	02037	2N4036	1854-0030	02237	2N2369 2N2221
1853-0031 1853-0036	02037	2N3789	1853-0412	02037	MPSA65	1853-0594	02037	2N3808	1854-0033	01973	2N3391
1853-0043	02037	MPS 6523	1853-0413	02037	2N6423	1853-0595	02037	D41D4 2Nh017	1854-0039	01921	2N3053S
1853-0045	01921	2N4036	1853-0416	02037	MPS-A64	1853-0599	03334	BCF70	1854-0048	01921	2N2857 2N2218
1853-0051	01921	2N4037	1853-0417	02037	MJE 253	1853-0608	02037	MPSA55	1854-0057	01973	2N3855A
1853-0052 1853-0053	02037	2N5880	1853-0418	02037	5MPPU3 5MPPU3	1853-0609	02037	MXT2907A MYD5582	1854-0062	01921	2N1701
1853-0057	02634	3N91	1853-0421	02037	2N4398	1853-0611	03334	BF569	1854-0063 1854-0066	01921	2N3055 2N2925
1853-0058	02237	532248	1853-0422	01698	2N4033	1853-0612	03334	BFT93	1854-0067	01921	2N2102
1853-0059 1853-0071	02037	SNAPOP	1853-0423 1853-0b2b	02037	MPS U-60	1853-0613	02037	MXT3906	1854-0071	00746	CP4071
1853-0072	02237	2N4034	1853-0425	02037	2N5883	1853-0616	03334	BFT92	1854-0072	01921	2N3054 2N3439
1853-0081	02237	2N4258	1853-0428	02037	2N5684	1853-0617	02037	2N6298	1854-0084	02037	2N3232
1853-0083 1853-0084	02037	2N4918	1853-0429	02037	2N3762 2Nh050	1853-0620	02037	MMBR4957	1854-0086	05840	DTS413
1853-0086	03406	2N5087	1853-0431	02037	TIP42C	1853-0622	00039	2SA1227A	1854-0090	03334	2N3053LV 2449 PN3563-5
1853-0087 1853-0089	01921	40394	1853-0436	02037	MJE170	1853-0624	00039	2SA1151	1854-0093	04550	2N3415
1853-0204	02037	2N4920	1853-0437	01921	2N62b8	1853-0625	02037	MRF545	1854-0094	02037	MPS3646
1853-0205	02037	2N2907	1853-0440	02037	MM4018	1853-0629	00039	2SA1220	1854-0098	01921	40346 2N3392
1853-0206 1853-0212	02237	2N4028	1853-0442	02037	2N3867	1853-0630	00039	2SD1288	1854-0210	02037	2N2222
1853-0212	02037	2N4236	1853-0448	02037	MPSH81	1853-0631	00039	2SB965 2SA1227	1854-0211	02037	2N2501
1853-0217	02037	MPS-404A	1853-0449	02037	MPS-U95	1853-0633	00039	2SA985	1854-0214	01921	2N2538 2N1482
1853-0218 1853-0221	03406	NS65098	1853-0450	02037	MJE371K(SELECTED)	1853-0634	02037	MJE371K	1854-0215	02037	2N3904
1853-0222	02037	2N4919	1853-0453	01698	TIP36A	1853-0636	03714 03331	IT130-T071 254812	1854-0216	01921	2N3441
1853-0223	02037	2N4902	1853-0454	01698	TIP106	1853-0637	02037	MMBT4260	1854-0218	01921	2N3442 2N3393
1853-0224 1853-0234	01921	2N5415	1853-0456 1853-0457	03406	PN4888-5	1853-0638	02037	2N3638	1854-0219	01973	2N3663
1853-0236	02037	2N5193	1853-0458	02037	MJE251	1853-0640	02037	MPSH01 2Nh017	1854-0220 1854-0222	02037	2N3959
1853-0244	02037	MPS3640	1853-0462	02037	2N3635	1853-0641	02237	PN4250-18	1854-0224	01921	MD2252 40250
1853-0258 1853-026ն	02237	2N4035 2N5h01	1853-0463 1853-Ոնհն	02037	TIP105	1853-0642	06338	SGS126	1854-0226	02634	2N4384
1853-0269	02037	2N3809	1853-0468	02037	TIP-127	1853-0645	02037	MJD117 MMRTh126	1854-0233	01921	2N3866
1853-0271	02037	2N4403	1853-0469	02037	2N6109	1853-0650	02037	2N4405	1854-0238	03406	2N3440 2N3Q33
1853-0276	02037	MM3906	1853-0472 1853-01/76	04550	D45H2	1853-0652	02037	MJE15031	1854-0242	01921	2N3262
1853-0281	02682	2N2907A	1853-0477	02037	JANTXV2N3251A	1853-0655	02037	TIPJZF MJD45H11	1854-0246	02037	SPS 233
1853-0287	02037	2N3250	1853-0478	02037	2N6490	1853-0657	02037	MJE5852	1854-0252	02037	2N3713
1853-0290 1853-0202	02037	JTX2907A 2N3005	1853-0479	04550	72006 2N6600	1853-0659	02037	2N3906(SEL)	1854-0259	02037	2N3766
1853-0293	02037	2N5583	1853-0488	02237	MPS4356	1853-0661	02037	2N6124	1854-0260	02037	2N3227 2N3010
1853-0303	02037	2N5956	1853-0489	02037	MM4032	1853-0662	02037	MPSH54	1854-0264	02037	2N3715
1053-0305 1853-0308	02037	2N3075 MM4645	1853-0490	02037 0333L	T1P107 2N5L15	1853-0663	02037	MD6002	1854-0267	06338	2N3013
1853-0310	02037	2N4398	1853-0494	04550	D45H5	1853-0665	02037	2N3640RLRA1	1854-0270	02037	SPS 3627
1853-0311	02037	2N3792	1853-0497	04550	D45H11	1853-0666	02037	2N6667	1854-0281	01698	2N2194
1853-0314 1853-0316	02037 13127	2N2905A LS352	1853-0498	02037	TIP145	1853-0667	02037	2N6107(SEL)	1854-0282	01921	2N3583
1853-0318	02037	MPS6562	1853-0509	01698	TIP42A	1853-0670	02037	2N6213	1854-0286	03776	2N5217 2N730
1853-0320	02237	2N4032	1853-0516	02037	MMBTH81	1853-0672	05946	BFQ23C	1854-0296	02037	MPS6543 SELECTED
1073-0322 1853-0323	02037	2N2940A 2N4900	1853-0524	02037	MJ11021 MMRT20074	1853-0673	02037	2N3811	1854-0304	02237	2N2483
1853-0326	02037	MPS-U51	1853-0526	02037	2N6437	1853-0675	02037	2N4017 PN4250-18 SGS126 MJD117 MMBT4126 2N4405 MJE15031 T1F32F MJD45H11 MJE5852 2N3906(SEL) MPSW51 2N6124 MPSH54 MP6002 PN4250 2N3640RLRA1 2N6667 2N6107(SEL) TIPP115 2N6213 BFQ23C 2N3811 2SB1007 2N3637	1854-0307 1854-0308	03334	BCY 57/LV2345 2N3553
				-			٠.		_0,4 0,000	~~7£1	

HP P/N	Mfr.	Desc.	HP P/N	Mfr.	Desc.	HP P/N	Mfr.	Desc. 2N6497 TiPl00 2N3014 MJ1102 MJ21017 2N6584 MRFC515 2N4428 2SC2334 QXTR-6999 HXTR-5002 HXTR-5002 HXTR-5101 HXTR-6105 MFS334 BFR 36 GX55220A 2N6678 D44H11 XXH-9107 HXTR-5104 MJ86043 TIPl40 ZN6290 MM3904 ZN6488 MJ53302 MM3904 ZN6488 MJ53302 MM3904 ZN6488 MJ53302 MM3904 ZN6489 MRF904 BUX82 MJ1016 ZN6499 MRF904 BUX82 MJ12010 ZN6292 MJ15030 MRF904 BUX82 MJ12010 ZN6292 MJ1006 TT120A-TO71 TIPLT53A MJ12004 MJ8055 TIPH1C(SELECTED) MJ1005 TIPL102 ZN6741 BFR090 MFS3098 MFS-A14 GES3469 MFS-A14 GES3469 MFS-A14 GES3469 MFS61 MJ6002 (SELECTED) MJ10003 MFS630 ZN5779 STP642 MJ10005 STPH1C(SELECTED) MJ10005 TIPL102 ZN6741 BFR090 MFS6319 MFS61 MFS6300 ZN5779 STP642 MJ12005 (SELECTED) MJ10003 MFS105 MFS106 D42C11N ZN5320 ME54355 BUJ08A BUJ08	HP P/N	Mfr.	Desc.
1861-0211	01021	awhahu	1854-0648	02037	2N6300	1854-0839	02037	2N6497	1854-1032	02037	MRF581
1854-0313	01921	2N3771	1854-0653	02037	MJE521K	1854-0840	02037	TIP100	1854-1033	02062	HXTR-3675
1854-0315	01991	2N3633	1854-0654	02037	MJE5192	1854-0842	02037	2N3014	1854-1035	02037	MD1132
1854-0323	01921	2N2857	1854-0659	02037	NNE 180	1854-0847	02037	MJE12007	1854-1037	02037	MMBT3904
1854-0325	01921	2N3478	1854-0663	01698	T1P140	1854-0848	01691	2N6584	1854-1039	02037	2N4401
1854-0345	02037	2N5179	1854-0665	06023	BUS11	1854-0849	02037	MRFC515	1854-1040	03406	2N5088
1854-0347	02037	201923	1854-0667	01921	2N3053 2N6057	1854-0851	02037	25C2334	1854-1041	02037	MRF571 (SEL)
1854-0349	01921	2N2405	1854-0670	01698	TIP110	1854-0861	02062	QXTR-6999	1854-1043	02037	2N5179(SEL)
1854-0357	02037	SD2608 (SELECTED)	1854-0671	02037	2N6282	1854-0862	02062	HXTR-5002	1854-1044	00039	NE21935
1854-0361	02037	2N4239	1854-0679	02037	2N5885	1854-0863 1850-0860	02062	HXTR-2101 HXTR-6105	1854-1045 1854-1046	03334	BFR92(SELECTED) MP312-78-69
1854-0365	02037	2N3202 2N4410	1854-0687	01698	2N3725A	1854-0866	02037	MPS834	1854-1047	02037	MRF587
1854-0368	02037	2N5191	1854-0690	06632	ST3011	1854-0868	06592	BFR 36	1854-1048	02037	2N3904RLRA2
1854-0370	01921	2N5294	1854-0691	02037	MPS A18	1854-0869	03287	0X55220A 2N6678	1854-1049 1854-1050	02037	BFR96 BFR91 A
1854-0370	01921	5N737R	1854-0697	02037	2N5886	1854-0872	04550	D44H11	1854-1051	02037	2N3772(SEL)
1854-0383	01921	40313	1854-0698	02037	2N6294	1854-0873	03799	X44VH570	1854-1052	02037	MMBT5550
1854-0386	01921	2N5070	1854-0700	01698	TIP140	1854-0877 1855-0878	02037	MPS-007 HXTTR-5104	1854-1053 1854-1054	02037 0333h	MMBT2222A RFO1Q
1854-0388	02237	5MFG55	1854-0705	10674	DTS-802	1854-0879	02037	MJE6043	1854-1055	03334	BFR93
1854-0392	02037	2N5088	1854-0707	02037	MJ4035	1854-0880	02037	TIP140	1854-1056	02037	MJ14000
1854-0397	01698	2014966	1854-0708	01921	2N5578	1854-0881 1854-0883	11981	MW30U)r 5N9530	1854-1060 1854-1061	02037	M013091
1854-0398 1854-0390	02037	5MF015	1854-0715	01921	2N6354	1854-0884	01921	286488	1854-1062	02037	2N5681
1854-0409	02037	2N5210	1854-0716	11021	BFR90	1854-0886	02037	MJE3302	1854-1063	02037	BFY90
1854-0411	02037	2N2972	1854-0721	03334	BFR95	1854-0887	02037	MJ11016 2N6L00	1854-1064	02037	MPSW01 NE73116D
1854-0418 1851-0131	01921	2N3303 2N5179	1854-0727	01921	2N6474	1854-0890	02037	MRF904	1854-1067	03291	AT-41435-5
1854-0432	02237	2N3646	1854-0730	02037	MPS6531	1854-0891	06023	BUX82	1854-1069	02037	TIP50
1854-0435	03334	A211	1854-0733	01921	2N3773	1854-0906	02037	MJ12010 2M6202	1854-1071	02037	MJ16018 MMRR5170
1854-0453 185h-0456	02037	2N5192	1854-0735	02037	MJE5657	1854-0920	02037	MJE15030	1854-1084	02037	2N3904
1854-0467	02037	2N4401	1854-0737	01921	2N6477	1854-0929	02037	MMBT918	1854-1085	01921	2N5239
1854-0472	02037	MPS-A14	1854-0738	01921	2N6261	1854-0940	06344	2SC2429 (SEL)	1854-1086	02037	D40D4 NESS633
1854-0474 1854-0476	02037	2N5551 2N3870	1854-0739	02037	2N6338	1854-0942	03334	BFQ34	1854-1091	00039	NE02133L
1854-0477	02682	2N2222A	1854-0743	02037	2N5878	1854-0944	02062	HXTR-3101	1854-1092	02037	MRF962
1854-0478	02237	2N4046	1854-0746	02037	2N6339	1854-0946	00039	NE02135	1854-1093	02062	HXTR-3102
1854-0492	02037	MPS3643 MPS-U02	1854-0748	02037	2N2896	1854-0957	03714	IT120A-T071	1854-1095	02037	MMBT2369
1854-0518	02037	2N5877	1854-0749	02037	MJE2361-T	1854-0960	01698	TIPL753A	1854-1100	02037	MXR5943
1854-0519	01921	2N3772	1854-0751	02237	2N5840	1854-0964	02037	MJ12004 M18505	1854-1101	02037	MXT3904 พพลงษอน
1854-0527 1854-0520	11600	2N2095 CEN672	1854-0752	07050	MP318-52-62	1854-0967	02037	TIP41C(SELECTED)	1854-1107	02037	MRF965
1854-0540	02037	MM8006	1854-0754	02037	MJE244	1854-0968	02037	SJ7076	1854-1108	02037	MMBR901
1854-0547	01698	2N3725	1854-0755	01921	206254	1854-0969	02037	MJ12005	1854-1109	02180	MAT-02FH 2N3OOh
1854-0548 1851-0556	02237	2N5903 2Nb237	1854-0758	02037	2N0315 2N5427	1854-0971	02062	2N6741	1854-1111	00039	NE68135
1854-0557	01698	2N2432A	1854-0761	02037	2N2060	1854-0972	02037	BFRC90	1854-1112	00039	2SC2718
1854-0560	02037	MPS A12	1854-0762	01921	2N5039	1854-0973	02037	MPS8098	1854-1113	00039	2SC2987A MRF5hh
1854-0566 1851-0570	01921	2N3771 2N5180	1854-0764	02037	MPS U-10	1854-0978	04550	GES3416	1854-1115	00039	2SC2690
1854-0575	02037	MPS-A42	1854-0765	01921	2N6292	1854-0979	02037	MPS2369	1854-1117	06354	2SC3281
1854-0576	01921	2N6258	1854-0766	02037	205428	1854-0980	02037	MFR961 MPS5170	1854-1118 1854-1110	00039	2SC2987 2SC2275
1854-0577	02037	2M0259 MM8001	1854-0768	02037	MJE1661	1854-0982	01698	TIP642	1854-1120	03334	A400(SEL)
1854-0581	02037	MJE800	1854-0769	02062	35821E	1854-0983	02037	MJ12005 (SELECTED)	1854-1121	02037	BD435
1854-0583	02037	MPS-A18	1854-0770	02037	2N3904 CHIP	1854-0984	02037	MJ16002 (SELECTED)	1854-1122	02037	2N0037 HXTR-5102
1854-0586	02037	2N5429	1854-0774	01921	2N6056	1854-0986	10881	BFR92	1854-1124	01921	2N3771
1854-0587	02037	MMT3960A	1854-0780	03334	BUS-12A	1854-0987	10881	BCX20	1854-1125	02037	MRF5711L
1854-0589	02037	MJ3772	1854-0784 1854-0785	02037	2N3866A 2N6305	1854-0988	02037	MJ15003	1854-1127	02037	MJE521K
1854-0591	03334	BFR90	1854-0786	02037	2N2540	1854-0990	02037	MRF630	1854-1128	02037	TIP122
1854-0593	01698	TIP-35A	1854-0787	02037	2N6545	1854-0991	00746	25D786	1854-1129	02037	2N5836 2SC1623
1854-0594 1854-0506	01698	T1P-33 2N5428	1054-0792 1854-070b	02237	ZNZ920 MJE243	1854-0993	03714	MPSH10	1854-1133	02037	2N6259
1854-0597	02037	2N5943	1854-0795	02037	MPSH10	1854-0994	02037	2N5179(SEL)	1854-113	02037	MJE13005
1854-0600	02037	2N4233A	1854-0798	02037	MPS-U45	1854-0996	02037	MJE13003 MPSU06	1854-1136	00746	250 (00 MMBT5088T1
1854-0611	02037	2N6055 2N1701	1854-0799 1854-0802	02037	MM5262	1854-0998	02037	D42C11N	1854-1138	02037	MMBT4124T1
1854-0617	01921	40852	1854-0803	01698	TIP75B	1854-0999	01921	2N5320	1854-1139	02037	MPSH10
1854-0618	02037	MJ3000	1854-0804	03038	IR5062	1854-1002	00039	NE64535	1854-1140	02037	MPS6543 MPS3646
1854-0619 1854-0621	03285 01698	AD014 RF258	1854-0806	01698	TIP51	1854-1004	02037	BD415	1854-1147	02037	MPS571
1854-0623	02037	2N6306	1854-0808	02037	MJE241	1854-1005	02037	BU508A	1854-1143	02037	MRF580A
1854-0624	02037	2N6308	1854-0809	02037	2N2369A	1854-1006	02037	BU406	1854-1144 1854-1144	1 03291	. AT-41400 2 2N6340
1854-0626	02037	MJE802	1854-0813	02037	2N3501 (SEL)	1854-1008	00039	NE-41635	1854-114	03171	2N3441
1854-0628	02037	MPS-H17	1854-0817	02037	MPS-U05	1854-1009	00039	NE21935	1854-1146	02037	MMBTH10
1854-0632	03334	BFR91	1854-0819	02037	MJE2801T NYTR-5002	1854-1010	02037	MU918A MMRT6429	1854-1149	, 02037 02037	BCW65C
1851-0633	02037	MPS-U01	1854-0825	03406	LM-394BH	1854-1015	02037	MJ16012	1854-115	7 02031	BU426
1854-0635	04550	D44H5	1854-0827	02037	MJE-13009	1854-1016	02037	MD2369A	1854-1158	06338	SGSIF444
1854-0637	02037	2N2219A	1854-0828	02037	TIP-122 JAN TXV ONOOOOA	1854-1018	02037	2N3714 BUW12A	1854-1159 1854-116	9 02037 L 02037	MJE15030
1854-0640	02037	MJE2801K	1854-0830	03406	LM394	1854-1020	02037	MMBC1321Q5	1854-116	4 03331	A3604
1854-0642	02037	MPS-A17	1854-0831	02037	2N6429A	1854-1022	02037	MRF581	1854-116	02031	BU807
1854-0643	01921	. 2N3585	1854-0832	02037	2N4401 MPS-U02	1854-1023 1854-1023	02037 02037	7 MMBR931	1854-116	7 02031	MPSA44RLRA1
1854-0646	03406	LM114AH	1854-0837	01921	2N6289	1854-1028	02037	2N3904	1854-116	8 0203	MRF531(SEL)
1854-0647	02037	MJE2102	1854-0838	02037	TIP47	1854-1029	04501	275.19(SEL) MJE13003 MPSN06 D42C11N 2N5320 NE64535 2SC2876 BD415 BU406 2N5943 (SEL) NE-41635 NE-21935 MD918A MMBT6429 MJ16012 MD918A MMBT6429 MJ16012 TM02369A 2N3714 BUV12A MMBC1321Q5 MRF581 TTIF112 TMMBR931 2N3904 LT1839-1	1854-1169	9 01698	TIP31F

1ST QUARTER 1991 BENCH BRIEFS 7

					Diode Closs Hei	ciciice .	- 111	PAN TO DEDEC M	υ.		
HP P/N	Mfr.	Desc.	HP P/N	Mfr.	Desc.	HP P/N	Mfr.	Desc.	HP P/N	A. S. S	Dana
								DC30.	HE E/N	Mfr.	Desc.
1854-1170	00039	NEL2301-53	1855-0272	02037	MFE3004	1855-0527	02037	MTM2P50	1855-0675	02037	MPF6660
1854-1172 1854-1173	02037	MJD47 M.TDLb411	1855-0274	02883	E232	1855-0529	03406	PF5101 (SELECTED)	1855-0676	01921	RFP10N15
1854-1175	02037	MRF586	1855-0276	02003	VNDOAFD ONIGHT GA	1855-0530	02883	U310	1855-0677	01921	RFP12N08
1854-1177	02037	2N3904(SEL)	1855-0277	02037	2N5268	1855-0534	01036	1RF120 hn673	1855-0678	01921	RFP2N08L
1854-1178	02037	MRF911	1855-0278	03714	2N5116	1855-0535	03714	IT1750	1855-0680	03334	BUK456-800A
1854-1179	02037	MPSA18RLRA1	1855-0279	03714	3N190	1855-0536	03038	IRF440	1855-0681	02037	MMBFU310
1854-1181	04200	MAT-02EH	1855-0280	02883	E107	1855-0539	06121	BUZ24	1855-0682	03038	IRFP450
1854-1182	03334	BUS12	1855-0285	01698	2N52H6	1855-0540	03406	2N5115(SEL)	1855-0683	03038	IRFZ22
1854-1183	03334	BUS11A	1855-0286	02883	2N3966	1855-0545	02883	VN1 OKE	1855-0684	02883	VN0610L
1854-1184	02037	MRF581 (MOD)	1855-0288	02883	2N5556	1855-0546	07221	VN0104N3	1855-0687	02037	SPF938
1854-1187	02037 00746	2N42D4 2SD1 378	1855-0289	02883	J177	1855-0548	06121	BUZ71A	1855-0688	02037	2N5245
1854-1188	03406	MMBT4401	1855-0292	02883	2N)432 2N6658	1855-0549	03038	IRF512	1855-0689	02037	2N5461
1854-1189	02062	QXTR-7037	1855-0297	03406	2N2608	1855-0551	03038	IRFD420	1855-0690	02037	2N5245(SEL)
1854-1190	02037	MJD112	1855-0298	02883	J2472_	1855-0553	06121	BUZ10	1855-0693	03406	F54011A
1854-1190	03706	I.M30LRW	1855-0301	02883	2N5198	1855-0554	03406	J304(SEL)	1855-0694	03038	IRFZ40
1854-1200	02037	MMBTA06	1855-0306	01921	3N128	1855-0556	02883	ANGSOOF	1855-0695	02037	MMBF4393(SEL)
1854-1201	02037	MMBR5031	1855-0309	02037	2N4352	1855-0557	09283	SD306(SEL)	1855-0696	02037	BS170 MTM60N06
1854-1202	02037	MPSA27	1855-0314	04550	2N6027	1855-0560	02883	VN10LE	1855-0705	02037	MTM3N35
1854-1203	02037	M.IE5740	1855-0322	03334	2N5105	1855-0561	03038	IRF510	1855-0708	01921	RFP4N06L
1854-1206	03334	BSR43	1855-0327	01698	3N112	1855-0562	03038	IRF250	1855-0709	02883	IRFD120
1854-1207	02037	2N5088	1855-0332	01921	3N138	1855-0565	01921	REPIONIO	1855-0711	03038	IRFD9210
1854-1208	03334	BCX56BH	1855-0341	02883	2N4338	1855-0567	03038	IRFD9123	1855-0714	03799	HMF-0620
1854-1209	03291	AT-60566 M.Th122	1855-0346	04550	2N6028	1855-0568	06121	BUZ71A	1855-0715	02037	MMBF4393
1854-1217	06121	BFR93A	1855-0379	02037	2N4092 2N5h7h	1855-0569	00039	NE71000	1855-0719	03799	HMF-0310-100
1854-1218	03334	PXT4401	1855-0380	02037	2N4351	1855-0571	00039	25K533	1855-0720	03291	AT-8160
1854-1219	02037	мЈН16010А	1855-0386	02037	2N4392	1855-0572	03038	IRF523	1855-0722	02883	ZN3200 VP1008B
1854-1222	02037	M.TH16012	1855-0387	02037	2N3993	1855-0573	02883	U440	1855-0723	02883	SD214DE
1854-1223	02037	MJE8501	1855-0393	01698	2N3330	1855-0574	02883	J175	1855-0724	02883	VN66AD
1854-1225	02037	MRF581A	1855-0395	02883	FN2645	1855-0580	02883	IRFF123	1855-0725	02037	MTP3055E
1854-1226	02037	MRF9411	1855-0396	03714	3N190	1855-0581	03038	IRF521	1855-0727	02037	2N7000
1854-1228	02037	MRF830	1855-0398	02883	2N5519	1855-0582	02883	VN0300M	1855-0729	02883	IRFD123
1854-1231	02037	MMBR920	1855-0402	02883	2N5115	1855-0585	02883	VQ1001P	1855-0731	03406	MMBFJ175
1854-1232	02037	2N3904-STYLE D	1855-0406	03714	IT110	1855-0587	03038	TRF0521	1855-0732	03038	IRFR110
1854-1233	02037	TIP35C	1855-0413	03406	2N5116	1855-0588	03038	IRF9513	1855-0734	02883	2N7002
1854-1236	02037	MJD44H11-1	1855-0414	02883	2N4393 2N4301	1855-0589	03038	IRF513	1855-0735	03038	IRC530
1854-1237	03406	D40N1	1855-0421	02883	2N5114	1855-0590	02037	VOLUME T	1855-0739	02883	M5911
1854-1238	02062	HXTR-3001	1855-0423	02883	VN10KM	1855-0592	03038	IRF533	1855-0746	03406	MMRFJ176
1854-1243	03334	BFR93R	1855-0424	03406	J108	1855-0593	02037	MTM12N06	1855-0747	02037	SPF819-2
1854-1246	02037	MMBR571	1855-0425	02883	J304 M100	1855-0594	02037	MPF960	1855-0748	03038	IRFR9020
1854-1247	03334	BFR92R	1855-0430	03714	2N3685	1855-0598	02883	VN2222LL	1855-0749	03038	IRFR210
1854-1248	02037	MMBT5551L	1855-0431	03714	IVN5001ANF	1855-0606	02037	MTP5N40	1855-0751	02883	VN0808M
1854-1252	02037	MPS3866	1855-0432	02883 03711	3N163	1855-0607	02037	MTP4N50	1855-0752	03406	MMBF4392
1854-1253	02037	MRF5943	1855-0436	03406	U1897E	1855-0614	02037	MIP3N60 2N6650	1855-0753	03406	MMBF5459
1854-1254	03334	BU505	1855-0437	03406	J270	1855-0617	01921	RFP8P08	1855-0755	02037	IRFP140
1855-0001	01973	2N16714	1855-0440	09283	SD213	1855-0618	02037	IRF140	1855-0756	03038	IRFP9140
1855-0005	02763	2N3436	1855-0445	02883	J107	1855-0619 1855-0620	01921	RFL1N08L	1855-0758	03038	IRFR9120
1855-0010	04550	2N2646	1855-0446	02883	J112	1855-0621	01921	RFP6P08	1855-0750	03038	UNI 20hn2
1855-0020	02037	SFE793 2W1671R	1855-0454	03038	IRF431	1855-0622	03038	IRF521	1855-0761	06121	BSS87
1855-0027	04550	2N2647	1855-0463	03406	2NL110A	1855-0623	01921	RFP5P12	1855-0763	02037	MTP12P05
1855-0038	02763	2N3922	1855-0478	02037	MTM15N50	1855-0629	01921	RFP15NO5I	1855-0764	02037	MMBFJ310T1
1855-0052	02237	2N4360	1855-0480	02037	MMBF4416L	1855-0630	02883	2N4391	1855-0767	02037	MTH8N60
1855-0056	02237	2NF3F5	1855-0484	03038	IRF9130	1855-0631	03038	IRF740	1855-0768	06121	BSS84
1855-0065	01698	2N4891	1855-0489	03714	IVN5201TNF	1855-0632	02037	2N4860	1855-0769	00039	NE72084
1855-0071	02569	2N5544	1855-0490	02037	MTM10N10 SELECTED	1855-0636	00039	NE71084-06	1855-0770	00039	NE71084-08
1855-0077	01973	2N1671C	1855-0492	03038	IRF530	1855-0637	00039	NE800199	1855-0774	03038	IRFR9210
1855-0098	02037	1T1 700	1855-0493	03038	IRF9530	1855-0639	02883	U443	1855-0775	03038	IRF045
1855-0099	02037	2N4853	1855-0495	02037	NTM10N15	1855-0640	03334	BFT46	1855-0776	02037	MTD5N05-1
1855-0205	02883	VCR3P	1855-0497	02037	MTP2N90	1855-0645	03334	BUZ11	1855-0778	03038 02037	MTD/DOS_1
1855-0206	02883	E111	1855-0498	03406	2N5397	1855-0646	03038	IRFF131	1855-0779	06121	BSS88
1855-0208	02883	2N4117	1855-0500	03030	TREDO1 20	1855-0647	02883	SD210DE	1855-0781	03038	IRFBE20-003
1855-0213	03406	2N5912	1855-0502	03038	IRFD110	1855-0650	02883	VP1204N2 VQ2001P	1855-0782	02037	MTD1CN05E-1
1855-0215	09283	SD211DE(SELECTED)	1855-0504	03038	IRF630	1855-0651	02037	MFQ960C	1855-0784	02037	MTD4P06-1
1855-0232	02883	2N5565	1855-0508	03285	2N5912 TPF150	1855-0653	02883	2N4391 (CHIP)	1855-0785	02883	SST5461
1855-0235	02037	U310 (SELECTED)	1855-0509	03038	IRF9520	1855-0660	02003	DNZUY4 MTP15NOSE	1855-0786	03038	IRFBC42-003
1855-0241	02910	SD215	1855-0510	03038	IRF830	1855-0661	03714	2N5911/D	1855-0788	02037 02883	M1M13N5U
1855-0250	03406 01608	2N4057 3N215	1855-0512	01921	RCA9212A	1855-0663	10743	1GG2-4032	1855-0789	02037	2N3994
1855-0251	02037	2N6659	1855-0517	07050	MP033-1004 TRF0532	1855-0664	02037	MTP1N100	1855-0792	03038	IRFP150
1855-0255	02037	2N5486	1855-0518	03038	IRFD110	1855-0666	0333F	RF480	1855-0793	02883	J2976 TR-6
1855-0256	02037	2N4416A CHIP	1855-0519	02883	U311	1855-0667	02883	2N7000	1855-0795	00039	NE710-00 (SELECTED)
1855-0257	03406 033:04	2N2070	1855-0520	03038	IRFD113	1855-0668	02883	BS170	1855-0797	03038	IRFF9131
1855-0259	03406	2N5397	1855-0522	03030	IRFD9120	1855-0669	0288 3	2N5912CHP	1855-0798	02883	TP0610T
1855-0263	02883	VMP-1	1855-0523	06121	BUZ 15	1855-0671	06121	BUZ10H	1855-0999	02037	MMBF4416
1855-0265	02883	VCR2N	1855-0524	03038	IRF640	1855-0672	01921	RFM10N12	1855-0801	02037	MTD2955
1855-0269	02910	SD214	1855-0525	02883	VNO300M VPO300M	1855-0673	02037	MTP10N25	1855-0802	3038	IRFAC32
,			,	5	Desc. MFE3004 E232 VN466AFD 2N4416A 2N5268 2N5116 3N190 E107 2N5396 2N5216 2N3966 2N3966 2N3966 2N3968 3N177 2N5432 2N6658 2N2608 J12472 2N5198 2N4117A 3N128 2N4352 2N4117A 3N128 2N4352 2N4117A 3N128 2N4352 2N4117A 3N128 2N4352 2N5105 3N172 2N4416 3N138 2N4092 2N5474 2N4416 3N138 2N4092 2N5474 2N4992 2N5475 2N4993 2N4391 2N4391 2N5116 INF03001AFF 3N1001 INF05001AFF 3N1001 INF05001AFF 3N163 IT500 U1897E J270 SD213 IT500 U1897E J270 SD213 IT500 U1897E J170 INF0501AFF 3N163 IT500 U1897E J170 INF0501AFF 3N163 IT500 U1897E J170 INF0501AFF 3N163 IT500 U1897E J170 INF0501AFF INF0501A		-1761	· · · · · · · · · · · · · · · · · · ·	1022-0804	J2037	MIH25P06

8 BENCH BRIEFS

		Desc. SSK680-T1 BF511 ATF-20135 IRFR9010 IRFR9230 MTM2N50 IRIL334 MTP20P06 RFF2N08L-6261 CY203E SST515 SST5215 SST5216 CA3082 CA3083 SST5912 SST5215 MFPF100 IRFFF10 MTP3055EL IRFD9020 IRFFF10 MTP3055EL IRFD9020 IRFFF10 CA3083 SG3821 IRFD9020 CA3083 SG3821N CCA3083 SG3821N CCA30821 CA3146E MP023725 AD821 (SFEC) ULM2082A CA3127E LM3018AH CA307E CA3082F MP03762 CA3082F MP03762 CA3082F MP03762 CA3083F MP03762 CA3084F MP03762 CA3085F MP03778 MP03778 MP03778 MP03778 MP03778 MP03778 MP03778 MP03778 MP03799 MP07001 MP037091 MP07091 MC1411 MP06002 MP037091 MP037091 MP037091 MP037091 MC1411 MP06002 MP037091 M		0.0.	2.000 0.000	11010101100			.		
HP P/N	Mfr.	Desc.	HP P/N	Mfr.	Desc.	HP P/N	Mfr.	Desc.	HP P/N	Mfr.	Desc.
.0== +0=/		ogy(0a ma	1050 0105	00000	tmat olig	1000.0016	02062	HSMS2824	1901-0411	02037	MR1033A
1855-0805	00039	PES11	1858-0125	00039	UPA104G UPA104G UPA102G TPQA56 TPQA56 TPQA551 MMPQ6001 VQ3001J MC3346D CA3227E CA3127M UPA103G MATOURY MMPQ6700 CA3246E CA3227E CA3083E MMPQ2369 CA3227E LM3146M CA3246E CA3246E CA3246E URA203L IN21B IN76 IN166 IN166 IN168 IN21B IN76 IN168 IN21B IN76 IN168 IN21B IN76 IN169 IN21B IN76 IN416B IN4031 IN21B IN403 IN21E IN403 IN21E IN4035 IN21E IN4035 IN41E IN4035 IN41E IN404 AUX665 IN404 AUX665 IN404 AUX665 IN404 IN4035 ASA1046 AUX675 IN406 AUX675 IN406 IN40035 ASA1046 AUX675 IN406 IN40035 IN416 IN406 IN40035 IN4003	1900-0216 1900-0217	02062	HSMS-2824 HSMS-2823 HSMS-2813 HSMS-2813 HSMS-2818 #8 M2X1282 ESMS-2823 MMAX1055 MSS50-248-B20 5082-3141 5082-2279 M2X1527 1N5711 M2X1569 M2X1577 HSMS-2805 CSB7002-05-150-801 M5X1365 HPMD-4028 MBD201 HSCH-9101 HI3-0302-5 1N1200A 1N1084 1N540 1N253 1N1344 BA220 1N645 1N1304 1N540 1N253 1N1344 1N540 1N523 1N1364 1N1160 1N150 1N1165 1N1166 1N167 1N1166 1N167 1N1166 1N167 1N1168 FDH-400 1N1763 1N5188 FDH-400 1N1763 1N5188 FDH-400 1N1763 1N5188 FDH-400 1N1763 1N528 1N1164 1N625 1N1164 1N660 1N1581 1N647 1N1763 1N528 1N1188 FDH-400 1N1763 1N528 1N1188 FDH-400 1N1763 1N528 1N1188 FDH-400 1N1763 1N1347 1N1950C 1N3262	1901-0412	02037	1N4722
1855-0808	03334	ATF-20135	1858-0127	04200	TPOA56	1900-0220	02062	HSMS-2813	1901-0413	02037	MR1035A
1855-0810	03038	IRFR9010	1858-0128	04200	TPQ5551	1900-0221	02062	HSMS-2818-#8	1901-0414	02037	1N4723
1855-0811	03038	IRFR020	1858-0129	02037	MMPQ6001	1900-0223	08852	M2X1282	1901-0421	02037	1N3208
1855-0812	03038	IRF9 Z 30	1858-0130	02883	VQ3001J	1900-0224	02062	HSMS-2823	1901-0423	02037	1N3212
1855-0814	02037	MTM2N50	1858-0131	02037	MC3346D	1900-0226	08852 08852	M4X1055	1901-0424	02037 02037	1N3492 1N3494
1855-0818	03030	MTP20P06	1858-0135	04550	CA3127M	1900-0227	02062	5082-31 h1	1901-0431	02037	1N3662
1855-0821	03799	RFP2N08L-6261	1858-0136	00039	UPA103G	1900-0231	02062	5082-2279	1901-0457	02062	QSRD-4652
1855-0822	03038	CPY203E	1858-0138	02180	MATO4EY	1900-0232	08852	M2X1527	1901-0460	01973	STB523-A
1855-0823	02883	SST5912	1858-0139	02037	MMPQ6700	1900-0233	04078	1N5711	1901-0461	00046	1N4148
1855-0825	02883	SST215	1858-0140	04550	CA3246E	1900-0234	08852	M2X1569	1901-0463	01973	1N4156
1855-0828	02037	MMBF5460L	1858-0142	04550	CA3U83E	1900-0235	02062 08852	QSCH-5362	1901-0476	01973 02713	1N3958 GI250-3
1855-0829	02037	MTD3055Ft.	1858-0145	02031	CA3227E	1900-0230	02062	HCMC-5817 %L31	1901-0492	02037	1N5002
1855-0832	03038	IRFD9020	1858-0145	03406	LM3146M	1900-0240	02062	HSMS-0003	1901-0493	02037	1N4725
1855-0833	03038	IRFPF40	1858-0146	03799	CA3246M	1900-0241	08852	M2X1625	1901-0494	02037	1N5003
1855-1260	02037	MTD10N05E	1858-0147	04200	ULN2003L	1900-0245	02062	HSMS-2805	1901-0495	02037	MR1120
1858-0004	01921	CA3049	1900-0001	02788	1N21B	1900-0246	02865	CSB7002-05-150-801	1901-0496	02037 02037	MR1121 MR1122
1858-0000	02037	MUO2221	1900-0004	02005	1Nh16B	1900-0247	08852 02062	MDMD~3r058	1901-0491	02037	MR1123
1858-0010	02037	MP02906	1900-0007	02788	1N26SP	1900-0250	02037	MBD201	1901-0499	02037	MR1124
1858-0021	01921	CA3083	1900-0010	01250	1N21BMR	1900-0251	02062	HSCH-9101	1901-0500	02037	MR1125
1858-0022	03793	SG3821N	1900-0011	02788	1N416BM	1901-0001	03171	HI3-0302-5	1901-0511	06563	1N3889R
1858-0023	01921	CA3081E	1900-0012	01250	1N23B	1901-0002	01921	1N1200A	1901-0517	02062	5082-5414
1858-0032	01921	CA3146E	1900-0015	02788	1N415C	1901-0004	03038	101084	1901-0510	02062 00046	5082-5509 1N3070
1858-0036	02037	MPQ3(2)	1900-0010	02005	1N21E	1901-0010	04550 01991	1M363	1901-0525	04504	KBPC25005P-11
1858-0037	04200	ULN2082A	1900-0018	02788	1N23C	1901-0013	02086	1N1344	1901-0526	02664	SCAJ1
1858-0040	01921	CA3127E	1900-0019	02788	1N831	1901-0022	03334	BA220	1901-0531	04507	A2S097
1858-0045	03406	LM3018AH	1900-0020	01250	1N76A	1901-0025	00046	1N645	1901-0532	01973	A14P
1858-0046	01921	CA3097E	1900-0025	02062	5082-0049	1901-0032	02037	1N3209	1901-0536	02688	D1561CE
1858-0047	04200	ULN-2003A	1900-0030	02865	DME6569	1901-0033	00046	18645	1901-0537	00046 02037	1N645 MSD6150
1858-0052	01921	CA3U02E SP01678	1900-0031	02005	DM34(U) ՏԵՍԵՀIED	1901-0038	02237 04486	183054	1901-0535	02062	5082-2805
1858-0055	02037	MPQ2369	1900-0034	04507	A4X665	1901-0039	00046	1N4130 1Nb1b8	1901-0551	02037	MR1126
1858-0057	01921	CA3082F	1900-0035	02062	HSCH-5510	1901-0041	00046	1N4607	1901-0552	02037	MR1128
1858-0058	02037	MPQ3906	1900-0036	04507	A5S092 SELECTED	1901-0044	00046	1N4148	1901-0557	01921	CA3019
1858-0061	04200	ULN-2004A	1900-0037	02037	MMBD101L	1901-0048	02037	1N3210	1901-0591	05131	ED6240
1858-0062	02037	MPQ3762	1900-0039	02037	MMBD352	1901-0050	00046	1N4150	1901-0592	02037 00046	MR1121R 1N4607
1858-0063	01921	CAROLEN	1900-0040	02788	MA-4E402L MA-10035	1901-0053	00046	185395	1901-0620	02037	MR1123R
1858-0065	07300	III.N-2815A-2	1900-0041	02,00	45X10b6	1901-0057	02037 01991	1N628	1901-0638	02037	MDA970A2
1858-0066	03714	IH401A	1900-0043	04507	A2X2118	1901-0060	02037	1N1116	1901-0639	02062	5082-3080
1858-0067	04200	ULN-2033A	1900-0045	02788	MA4P485	1901-0071	02763	1N625	1901-0646	02664	S2F
1858-0069	04200	ULN-2803A	1900-0046	02865	CLA3132-86	1901-0081	00046	1N4148	1901-0655	02688	D583CG
1858-0071	02037	MPQ3798	1900-0047	05695	MA-4P203-287	1901-0096	02237	FDH-400	1901-0660	02688 02037	D471AR MBD5550A
1858-0073	04200	ULN-2013A ULN-2805A	1000-0046	08852	MWD83U-ESU	1901-0126	01921 01698	1N1 (03 1N6):7	1901-0662	02037	MR751
1858-0074	02037	MP06100	1900-0053	02865	DDC4565D	1901-0129	04550	1N1764	1901-0663	02619	NS3000
1858-0075	02037	MPQ3546	1900-0054	08852	MSS-40,155-E20	1901-0132	01698	1N660	1901-0669	02664	SAF
1858-0076	02037	MPQ2907P	1900-0056	02865	DDC4582D	1901-0138	01991	1N1581	1901-0671	02037	1N3900
1858-0077	02037	MPQ2222P	1900-0057	02062	5082-0001 SELECTED	1901-0144	03447	1N662	1901-0672	02037	1N3890
1858-0081	03811	C7254	1900-0059	02865	DMJ4768	1901-0151	05131	1N2242	1901-0673	01973	A15A
1858-0082	04200	ULN-20U4A TEOGOO2	1900-0060	02062	5082-0009 DMFERREA	1901-0164	02037	104721	1901-0678	02664 02037	3SF1 1N3899R
1858-0084	04200	III.N-2804A	1900-0061	02865	DME6553	1901-0169	02062 02237	5002-0001 FD777	1901-0684	02037	1N3890R
1858-0085	04200	UDN2580A	1900-0065	02062	HSCH-6332	1901-0189	02062	9SRD-4653	1901-0685	02037	MR822RL
1858-0086	02037	MPQ6700	1900-0066	02062	5082-0030	1901-0305	01973	1N2158	1901-0686	02688	D505AC
1858-0087	02037	MPQ3904	1900-0068	02865	CSB7201-01	1901-0306	01973	1N2158R	1901-0690	01973	A114A
1858-0088	02037	MPQ7091	1900-0069	02062	5082-2826 SELECTED	1901-0307	01973	1N3289	1901-0691	01973	A115A
1858-0089	02037	MC1411 MD06002	1900-0070	02062	HSCH-5512	1901-0308	01973	1N3289R	1901-0692	02037 02037	MR852 1N4934
1858-0090	02037	MPOS787	1900-00/1	02062	HSMS2820	1901-0309	01973 01973	1N250C	1901-0696	04550	A114D
1858-0092	02037	MPQ3799	1900-0074	02062	HSMS2810	1901-0311	01973	1N3260R	1901-0699	02664	3L05
1858-0094	02037	MHQ918	1900-0075	08852	MSS-30,254-B20	1901-0312	01973	1N3262	1901-0701	00046	STB567
1858-0095	00046	PIC900C	1900-0076	02062	HSCH-5336 (SELECTED	1901-0313	01973	1N3262R	1901-0703	04486	177600
1858-0096	01921	CA3183E	1900-0077	02062	QSCH-5872	1901-0314	01921	1N1206A	1901-0704	02086 01698	1N4002 1N914
1858-0097	04200	III.N - 2003A (SEL.)	1900-0070	02062	5082-2830	1901-0315	02086	1N1183AR	1901-0717	02037	1N38Q1
1858-0100	02037	MPQ2369	1900-0019	08852	MMD830-E20 SELECTED	1901-0317	02086	1N1184A	1901-0719	02037	MR854
1858-0101	01590	SL2364C	1900-0082	08852	MX-2844	1901-0318	02086	1N1184AR	1901-0726	02037	1N5823
1858-0102	02037	MPQ6426	1900-0083	02062	5082-2831	1901-0319	02086	1N1186AR	1901-0729	02688	R3710
1858-0104	02910	ULN2003D	1900-0084	08852	MX-2860	1901-0320	02086	1N1187A	1901-0730	02688	S3710
1858-0105	07221	VN0106N6	1900-0085	08852	MSS40,141-B10 SELEC	TED 1901-0321	02086	1N1187AR	1901-0731	04486	1N4004G
1858-0105	02037	MPO7031	1900-0087	02062	5082-2831 5082-270)	1901-0325	02000	R32 (U A1): B	1901-0732	02237	1NS818
1858-0108	04200	ULQ2804A	1900-0080	02062	5082-2800 SELECTED	1901-0328	01973	A14D	1901-0738	02158	50L200
1858-0109	12010	FT5755M	1900-0091	02062	HSMS-2812	1901-0329	04550	A14M	1901-0739	02158	G6R110H
1858-0110	02180	MAT04FP	1900-0092	04507	A2S832	1901-0330	01973	A14N	1901-0742	01921	1N3563
1858-0111	02037	MPQ3799-2	1900-0093	02062	5082-0001	1901-0343	02037	1N3491R	1901-0743	01698	1N4004
1858-0112	02037	MMPQ2222A	1900-0095	08852	MX3141	1901-0346	02037	1N3209R	1901-0747	02062	5082-5232
1000-0113	02037	mmrv(2y∪(A MMPO-3006	1900-0096	02062	nbMP-303U-T30 5082-3130	1901-0356	00046	1004(MSD6101	1901-0750	0266h	1N555L
1858-0115	12010	FT575LM	1900-0099	02062	J002-3140 HSMP3800	1001-0350	02037	MDAQ20A5	1901-0752	02664	1N3644
1858-0116	02883	VQ1001J	1900-0201	02788	MA4P550	1901-0370	01973	114530	1901-0754	04550	A15F
1858-0117	08709	PU4220	1900-0202	02062	HSMS-2825	1901-0376	00046	1N3595	1901-0756	02037	1N3881
1858-0118	01921	CA3096E	1900-0203	08852	MX3785	1901-0383	04583	1N2565	1901-0758	02037	1N5283
1858 0101	02037	MMPQ3904	1900-0205	02062	HSMS-2808	1901-0385	02062	5082-5507	1901-0759	02713	1N54U6
1858-0121	04200	₩₩₽₽3799	1900-0206	02062	nocn-5330	1901-0398	04583	1N3PO1 TMST40	1901-0763	02037	ND1-101
1858-0123	03406	LM3046M	1900-0211	08852	MSS-40.455-B40	1901-0400	02037	104719	1901-0765	03627	1N5812
1858-0124	04200	ULN-2062M	1900-0213	02062	QSMS-0038	1901-0410	02037	1N4720	1901-0767	02037	MR754
								IN1183A IN1183AR IN1184A IN1184A IN1184AR IN1187AR R3270 A14B A14M A14M A14M A14M IN3491R IN3209R IN647 MSD6101 MDA920A5 IN4530 IN3595 IN4530 IN3595 IN2565 5082-5507 IN2148 IN3491 IN4719 IN4720			

1ST QUARTER 1991 BENCH BRIEFS 9

HP P/N	Mfr.	Desc.	HP P/N	Mfr.	Desc.	HP P/N	Mfr.	Desc. 1N4488 1N4003 MBRL030-T1 1.5KE390 1.5KE39C 1.5KE39C 1.5KE39C 1.5KE39C 1.5KE39C 1.5KE39C 1.5KE530C MPTE-15C LCET.0 5KE5.0A MBDD501 MUR160 VHE550 MUR415 USD840 VSK530 BYV36C BAV74 SELECTED BAS16 BAV14 BYV36C BAV74 SELECTED BAS16 MUR4100 RGP15-15 MUR4100 MUR1400 MUR1400 MUR1400 MUR1400 MUR1400 MUR1400 MUR150 SEV36C BAV74 SELECTED BYV36E H1601-1.5 TMPD4150 BAN82 BAN82 DE131 MR826 MERD320 GP10Y FPS01501 SAB 10 BAS 40-05 SMCJ15C SSTPAD200 50SQ080 MRRD330 BAV23S BYW29-200AC FFE6B UF\$406 SMBJ13CA SMBJ13CA SMBJ1.0A CEN611 BAV286 BYV39-200AC FFE6B UF\$406 SMBJ13CA SMBJ1.0A CEN611 BAV285 BYV39-200AC FFE6B UF\$406 SMBJ13CA SMBJ1.0A CEN611 BAV285 BYV39-150 MRRD350 SKP75A 1C914 CEN662 SA13A 5082-1001 1N6267A BYW39-150 MR2401 SKHCJ5.0 1N4606 MRRD350 SKP75A 1C914 1CSH662 SA13A 5082-1001 1N6267A BYW39-150 MR2401 SKHCJ5.0 1N4606 MRRD350 SKP75A 1C914 1CSH662 SA13A 5082-1001 1N6267A BYW39-150 MR2401 SKHCJ5.0 1N4606 MRRD350 SKP75A 1C914 1CSH662 SA13A 5082-1001 1N6267A BYW39-150 MR2401 SKHCJ5.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	HP P/N	Mfr.	Desc.
1901-0768	05088	н617	1901-1015	01698	1N4531	1901-1200	02237	1N4448	1901-1326	05027	FP1047A
1901-0774	02037	1N3891R	1901-1034	01973	MPD400	1901-1203	02037	1N4003	1901-1327	02037	P6KE18A
1901-0776	02057	QPND-4711	1901-1035	02037	MR881R 1N4154	1901-1204	02037	MBRL030-T1	1901-1328	02037	SA15A
1901-0777	02062	QPND-4965	1901-1065	02713	1N4936	1901-1206	03287	1.5KE39C	1901-1329	02130	106200 1N6291AC
1901-0781	02037	MR754	1901-1067	02237	FDH444	1901-1207	03287	1.5KE120C	1901-1331	02037	1N6280AC
1901-0786	02664	186074	1901-1068	02062	5082-5541 MRD5300	1901-1208	03287	MPTE-15	1901-1332	02037	MBRS140T3
1901-0787	02037	MR756	1901-1080	02037	1N5817(RELAXED)	1901-1210	03287	LCE7.0	1901-1334	03287	SMCJ15A
1901-0788	02037	MR752	1901-1081	02037	MR501	1901-1211	03287	5KP5.0A	1901-1335	02037	MURS140T3
1901-0790	00046	1N5418	1901-1085	02062	5082-2835 MR820	1901-1213	02037	MBD501	1901-1336	03038	11DQ10
1901-0791	02037	1N3889	1901-1087	02037	MR856	1901-1215	12928	VHE550	1901-1338	03287	SA12
1901-0792	02688	SD41 OSBD_1/228	1901-1091	04550	A115F	1901-1216	02037	MUR415	1901-1339	03287	SMCJ12.0
1901-0824	02037	MR2004SR	1901-1092	02037	MBR1540	1901-1218	05088	USD840 VSK530	1901-1340	03406	1N914B
1901-0825	02037	MR2004S	1901-1097	02062	5082-5580	1901-1223	03334	BYV36C	1901-1343	02037	MMBD501
1901-0826	02062	QPND-4746	1901-1098	02763	1N4150	1901-1224	03334	BAV74 SELECTED	1901-1344	03334	BAS45
1901-0833	01691	186096	1901-1100	02237	JANTXV 1N4148-1	1901-1227	02237	MMRDO1 hym1	1901-1345	06121	BAW78B
1901-0834	02037	1N5827	1901-1102	02062	HSCH-5316	1901-1230	03334	BYV26C SELECTED	1902-0003	02037	1N754
1901-0835	01698	BY205-400	1901-1103	02664	185623	1901-1232	02062	5082-1006	1902-0018	02037	1N941
1901-0838	01921	1N5393	1901-1105	09014	URS-1106	1901-1233	02037	MUR4100 PCD15-15	1902-0021	02037	1N2992RB
1901-0839	02037	MR510	1901-1107	04507	A2X1501	1901-1239	02037	MUR410	1902-0020	02037	1N2999A 1N3028B
1901-0841	02062	HSCH-1001	1901-1108	09914	UES1305	1901-1244	02037	MUR140	1902-0033	01991	1N823
1901-0843	02037	1N5002R	1901-1109	09914 0001h	UES1306 IRS1105	1901-1246	03334	BYD33M	1902-0035	02037	1N3008B
1901-0844	02037	MPN3401	1901-1111	09914	UES1303	1901-1248	02037	1N4937 SELECTED	1902-0039	02237	1N1597A 1N751A
1901-0845	05088	VG-2X	1901-1112	03334	BYV27-150	1901-1249	03334	BYV36E	1902-0082	02037	1N1596A
1901-0846	02037	1N5284 RGP-10M	1901-1113	01921	RUR810	1901-1251	05088	H1601-1.5	1902-0085	02037	1N4750A
1901-0848	05088	V334X	1901-1114	04507	DSR3800X	1901-1252	04200	TMPD4150	1902-0086	02688	1N1513
1901-0849	02713	1N4007	1901-1116	04507	DSR3700X	1901-1254	11708	BAR42	1902-0089	02037	1N3004B
1901-0858	03334	BYW29-50	1901-1117	00746	1SS135	1901-1255	04550	DE131	1902-0095	02037	1N746
1901-0860	02037	MBR-3535	1901-1110	02062	5082-3042	1901-1256	02037	MRRD320	1902-0121	02763	CD36191
1901-0866	01973	MPD200	1901-1121	02037	MR2406	1901-1260	04504	GP10Y	1902-0173	02037	SZ30016-0176
1901-0868	02037	1N5817 1N5207	1901-1122	02037	MR862R	1901-1261	02237	FDS01501	1902-0178	02037	1N3004RA
1901-0870	02037	MR502	1901-1125	10881	BYW80-100	1901-1263 1901-1264	03287	SAB 10 BAS 10-05	1902-0245	02037	1N4099
1901-0875	02062	5082-3900	1901-1127	00046	UES803	1901-1265	03287	SMCJ15C	1902-0522	02037	1N5340B
1901-0877	02037	MBR340P	1901-1128	02037	1N5819RL	1901-1266	02883	SSTPAD200	1902-0526	02037	1N5305
1901-0879	01973	A115M	1901-1129	02037	MUR105 MITR860	1901-1267	03038	50SQ080	1902-0528	02037	1N5524D
1901-0881	02062	5082-0001	1901-1131	02062	5082-2810	1901-1269	03334	BAV23S	1902-0549	02688	DZ70302N
1901-0882	05088	V336X	1901-1132	02865	A4S021 SELECTED	1901-1272	02037	BYW29-200AC	1902-0584	02037	SZG30590
1901-0885	02062	MR1 - 1 400	1901-1133	04550	1N5626	1901-1273	04504	FE6B	1902-0625	02037	1N829
1901-0887	03334	BYP59-300	1901-1135	02713	GP30B	1901-1274	03287	SMBJ13CA	1902-0627	02037	1N5312 1N5351B
1901-0888	00046	1N3912	1901-1136	03038	10TQ045	1901-1276	03287	SMBJ5.OA	1902-0632	02037	1N5354B
1901-0890	02037	1N38Q3	1901-1137	02037	MR2406F	1901-1277	11699	CEN611	1902-0640	02037	1N5847A
1901-0892	03038	20FQ040	1901-1140	02713	FES8GT	1901-1276	03334 0333h	BZV861V4 RATR3	1902-0643	02037	1N2979B 1N2007RB
1901-0893	04507	DSR5500X	1901-1141	03334	BYV27-200	1901-1280	02037	1N4006	1902-0680	02037	1N827
1901-0694	019/3	05CH1186	1901-1142	02037	MMBD6050	1901-1281	04504	RGL41D	1902-0686	02037	1N825
1901-0896	05131	RC60	1901-1144	02037	BAV70	1901-1282	02037	MBRD350	1902-0697	02000	JANTXIN750A
1901-0904	00046	UES804	1901-1145	02037	MBAW56	1901-1284	03287	5KP75A	1902-0761	02037	1N821
1901-0905	04550	MBR35h5	1901-1147	02713	EGP30B MRA1A	1901-1285	02037	10914	1902-0772	02037	1N935
1901-0917	03287	1.5KE15A	1901-1149	02713	UF4004	1901-1288	03287	SA13A	1902-0785	02037	1N025
1901-0920	02062	5082-2755	1901-1150	03334	BAS19	1901-1289	02062	5082-1001	1902-0786	02037	1N937
1901-0921	03038	OPND-hh1h	1901-1151	03334	BAT17	1901-1292	02037	1N6267A	1902-0787	02037	1N938
1901-0952	00046	1N5802	1901-1153	03038	16MQ60(SEL)	1901-1293	02037	MR2401	1902-0791	02037	1N942
1901-0953	00046	UES601R	1901-1154	02526	S10925	1901-1295	03287	SMCJ5.0	1902-0793	02037	1N944
1901-0954	05088	VSK71	1901-1156	05088	USD945 VHE1 hob	1901-1296	00746	1N4606	1902-0795	02037	1N992B
1901-0961	00046	UES803R	1901-1160	03334	BZX75-C2V1	1901-1297	02037	MPN3404 RIRA	1902-0798	02688	TN909B
1901-0968	11981	A15BX107	1901-1161	02037	MLL4003T1	1901-1299	05027	126911-001	1902-0905	04507	LVA56A
1901-0970 1901-097h	02037	MUR115 H27b5-0	1901-1162	04486	LL4148 SB560	1901-1300	02037	MUR880E	1902-0906	04507	LVA43A
1901-0975	02037	MPN3500	1901-1164	03334	BAV10 SELECTED	1901-1302	02037	MBB370	1902-0907	02037	1W2Q72A
1901-0976	05088	VSK540	1901-1165	02713	SB160	1901-1304	02037	P6KE7.5CA	1902-0910	02037	1N2984RB
1901-0977	08852	MX1098	1901-1166	00039	1SS153	1901-1305	06121	BAS40	1902-0916	02037	MZ5556
1901-0979	00046	T1D778	1901-1172	04550	1N5061	1901-1306	02037	1.5KE1604	1902-0918	02037	5M1 / 2S2 5M1 8752
1901-0981	02526	1N5653A	1901-1173	02037	MBR745	1901-1308	03334	BY505	1902-0920	02037	1N5345B
1901-0982	02526	1N5651A	1901-1176	02062	QPND-4313	1901-1309	05131	RHC10-12	1902-0924	02037	1N5927
1901-0984	00046	VX30	1901-1181	02883	JPAD20	1901-1311	04287	KFK4-D-10 SMBG6.5C	1902-0925	U2037	INC4740A 1N53ho
1901-0985	02865	DDC 4565-96	1901-1183	03334	BAT85	1901-1313	04504	UF4007	1902-0931	02037	1M120ZS5
1901-0986	02037	MBR1060 PUR810	1901-1188	02037	MR758	1901-1314	03799	RUR810	1902-0933	02037	1N5370B
1901-0988	02664	3SF2	1901-1109	02037	MMBV3401	1901-1315	03287	MALICAN MONTELLOSSOS	1902-0934	02037	1N5380B 1N5008
1901-0990	06078	16MQ40(SEL)	1901-1193	02062	5082-0830	1901-1317	02062	HPND-0001	1902-0941	03287	ICTE-12
1901-0995	05088	TG-10	1901-1194	02062	QSCH-3825	1901-1318	02037	MUR1100E	1902-0945	02037	SZ0035-3RL
1901-0997	02713	RGP15M	1901-1195	02037	1月3797 MZ2361	1901-1319 1901-1320	02037 0333h	INDZ78A RATSL	1902-0960	02037	SZ30035-18RL
1901-0998	02664	SFRO	1901-1197	05088	H1651-12	1901-1322	03287	SMBJ6.0	1902-0913	02526	1.5SE18C
1901-0999	04486	SD103C	1901-1198	03334	BYD33D	1901-1323	03287	SMBJ15C	1902-0977	02037	1N5352
2,02 1000	02031	,	-201-1199	02031	HUN-UU	1901-1323	U47U4	CG13F	1902-0980	02037	>m30ZS2

			IIalia	SLUI	Diode Cross i	neierence	— пr	PIN TO JEDEC N	Ο.		
HP P/N	Mfr.	Desc.	HP P/N	Mfr.	Desc.	HP P/N	Mfr.	Desc. 1N751D BZX84-668 BZXBTV5 VEW8 MDA2502 MDA2500 MDA2500 MDA2506 MDA990-3 MMD7000 MDA922-3 MDA980-3 673-2 SCPA2 SCDA2 SCDA2 MSD 6150 KBPC1202P-1 MDA980-6 CRRIF-010 VH1W8 SCAJW MDA990-2 R75W MDA990-2 R75W MDA990-1 R71E G98-1 R0990-1 R0A-10W MDA3501 MDA-10W MDA2506 DPAD 100 KBUMG TIN10JB	HP P/N	Mfr.	Desc.
1902-0981	02037	5M237S2	10021).50	02027	MITEORY						
1902-0982	02037	5M28ZS2	1902-1459	02037	MII.52h5	1902-1594	02037	1N751D	1906-0284	02713	DF01
1902-0983	01691	1N4621	1902-1461	02037	MLL5246	1902-1999	10818	RZXR7V5	1905-0265	02788	MA4E202L
1902-0986	02037	1N6270A	1902-1462	02037	LL5248	1906-0006	05088	VE48	1906-0289	05088	VM28X
1902-0987	02037	1N2991	1902-1463	02037	MLL5250	1906-0007	02037	MDA2502	1906-0290	02037	MBAW56
1902-0990	02037	M2C).082	1902-1464	02037	MLL5251	1906-0008	02037	MDA2500	1906-0291	02037	MBAV99
1902-0993	03287	1.5KE7.5C	1902-1465	02037	MLL5252	1906-0016	02037	MDA2506	1906-0292	02037	MBR2545CT
1902-0994	02037	.4M8.2Z1	1902-1467	02037	MLL5256	1906-0017	02037	MMD7000	1906-0293	00746	DAN601
1902-0995	02037	1N5373B	1902-1468	02037	MLL5257	1906-0027	02037	MDA922-6	1906-0294	02005	DMF 3040 FFD16CM-2
1902-0996	02037	1N5336B	1902-1469	02037	MLL5258	1906-0028	02037	MDA922-3	1906-0296	03334	BYV32-150
1902-0998	02037	1N3001B	1902-1470	02037	MLL5259	1906-0032	02037	MDA980-3	1906-0298	02037	MMBD7000
1902-1172	02037	1N4103	1902-1471	02037	MLL5260	1906-0035	00046	673-2	1906-0299	03038	1KAB60
1902-1199	06563	1N1604A	1902-1473	02037	MLL5262	1906-0039	02664	SCDA2	1906-0300	02713	SB1660
1902-1205	02037	1N2979RB	1902-1474	02037	MLL5263	1906-0042	02037	MSD 6150	1906-0301	03337	RAVOO
1902-1217	02037	1N3998RA	1902-1475	02037	MLL5265	1906-0043	04504	KBPC1202P-1	1906-0304	00046	UES2603
1902-1226	02037	1N3996A	1902-1476	02037	MLL5266	1906-0049	02037	MDA980-6	1906-0305	02713	KBPC-W35-06
1902-1259	02037	1N5357B	1902-1477	02037	MLL5267	1906-0051	11699	CBR1F-010	1906-0306	02713	DF06M
1902-1260	02037	1N5525C	1902-1470	02037	MLI.5270	1906-0052	02663	VH140	1906-0307	02037	MBR20045CT
1902-1278	02037	1N5348B	1902-1480	02037	MZC4.7A10	1906-0058	02037	MDA990-2	1906-0300	02/13	VIANA VIANA
1902-1286	02037	1N5342B	1902-1481	02713	1N5953B	1906-0067	05088	R754	1906-0312	02037	MAD130P
1902-1200	02037	TN2328B	1902-1482	02713	1N5954B	1906-0069	04504	DF 04M	1906-0315	02237	FSA3237P
1902-1292	02037	1N5372B	1902-1486	02037	1N5388B	1906-0071	02664	SCPA05F	1906-0320	06121	BAS 40-04
1902-1295	02883	CL4720	1902-1488	04486	LL4747A	1906-0072	02004	SCBA2F FSA3157P	1906-0321	02037	MUR1620CT
1902-1297	02037	1N4561A	1902-1489	04486	LL4744A	1906-0076	04504	RW04M	1906-0325	02883	DPAD10
1902-1322	02688	CH4627-25-1%	1902-1490	04486	LL4740A	1906-0077	12928	VH-448X	1906-0329	02037	MUR3020PT
1902-1323	04200	1N2027B	1902-1491	04486	LL4733A	1906-0078	12928	VJ448X	1906-0331	06121	BAS70-04
1902-1338	02037	1N4557A	1902-1492	04486	LL4742A	1906-0079	05088	VJ148X	1906-0332	06121	BAS40-06
1902-1340	02037	1N5355B	1902-1495	02688	1N5087D	1906-0062	02002	7.18),8mm	1906-0334	02237	FDS01503
1902-1342	02037	1N4742A	1902-1498	02037	1N5362B	1906-0088	05088	R712E	1906-0335	02037	MRAU70
1902-1345	02037	IN5365B	1902-1501	02037	MMBZ5231	1906-0090	00046	698-1	1906-0337	03334	BASS6
1902-1346	02037	1N5355B	1902-1505	02037	MZT4554B	1906-0092	04200	ND946	1906-0338	02037	MUR1620CT OPTION TO220-C
1902-1352	04507	191753APT	1902-1506	02037	1N5993B	1906-0093	02037	MDA3501	1906-0339	02237	FSA2509P
1902-1374	02037	BZX83A5V1	1902-1507	02037	1000218	1906-0094	02037	MDA-104	1906-0343	04504	кви8в
1902-1380	11708	1N5341B	1902-1510	02037	1N5367B	1906-0096	02037	DPAD 100	1906-0344	02037	MAD1108P
1902-1384	02037	1N5525C	1902-1512	02037	BZX84C7V5	1906-0201	02713	KBU4G	1906-0349	04504	KBPC602
1902-1385	02664	SX43	1902-1515	02037	1N5334BRL	1906-0202	01698	TID130	1906-0351	02037	MDA202G
1902-1307	02037	18/607	1902-1516	02037	1N6377	1906-0203	05131	PK10	1906-0352	02037	MURD610CT
1902-1300	02037	184683	1902-1510	02037	1N5334D P7V8h-C3V0	1906-0204	02062	5082-2804	1906-0355	02062	QSCH-8809
1902-1392	02037	1N5256 (SELECTED)	1902-1519	03334	SA100CA	1906-0205	02062	VK240 5082-2830	1906-0356	04504	KBPC108
1902-1394	02037	1N5378B	1902-1523	11708	BZW50-56B	1906-0212	02037	MDA3504	1906-0358	02237	FDS01203
1902-1396	02037	1N5335B	1902-1524	02037	MMBZ5230	1906-0213	01698	TIR101B	1906-0359	02237	FDS01505
1902-1397	02037	1N6273A	1902-1529	11708	1.5KE250CA	1906-0214	01698	TIR201B	1906-0360	02037	MBR3045PT
1902-1398	02037	1N521B SELECTED	1902-1534	03287	SALLA MMR75057B	1906-0216	05088	VL447	1906-0362	04504	RDF06M
1902-1400	02037	1N5244 SELECTED	1902-1536	02037	1N5368B	1906-0217	02037	MD#308	1906-0363	03038	16210
1902-1401	02037	1N2835A	1902-1537	03287	1.5KE91C	1906-0221	02037	MDA3500	1906-0365	03334	BAS31
1902-1402	02037	1N5373A	1902-1541	03334	BZX84C3V3	1906-0222	02037	MDA2504	1906-0366	04504	KBL08
1902-1404	10881	1.5KE18CA	1902-1542	03334	BZX84C6V2	1906-0224	02037	MDA2506	1906-0367	02037	MBRD650CT
1902-1405	02031	TWIDIN(SEPECIED)	1902-1543	03334	BZX84C3V6	1906-0225	03038	250JB4L	1906-0368	11699	CBR10F-010P
1902-1407	04507	1N4626	1902-1547	02037	MZC10A5	1906-0227	02537	MC1107P	1906-0369	02537	MB106
1902-1408	02037	1N5243(SELECTED)	1902-1548	03334	BZX84-B13	1906-0231	05088	R712	1906-0373	02037	MUR1640CT
1902-1409	02037	1N2989B	1902-1549	03334	BZX84-B18	1906-0233	02713	KBF06	1906-0374	03038	60CDQ045
1902-1410	02037	1N6283A	1902-1550	03334	BZX84-B20	1906-0234	02062	5082-2370	1906-0375	02037	MMAD1107
1902-1411	02037	1N5338A	1902-1554	02037	MMP75020P	1906-0236	05088	R712A	1906-0377	12810	BR102
1902-1424	10881	BZX84C5V6	1902-1556	03334	BAS17	1906-0230	01601	SD-241	1906-0376	02037	MMAD130
1902-1425	02037	1N5359B	1902-1558	05942	BZX84C11	1906-0242	05088	R711XE	1906-0382	02037	MMAD1108
1902-1426	02037	1N5230(SELECTED)	1902-1559	02037	MMBZ5237BT1	1906-0244	02865	D5848	1906-0383	04504	RKBPC35-04
1902-1427	02037	1N20U5A	1902-1562	03334	BZX84-B4V3	1906-0250	03038	95-4492	1906-0384	01698	SN74S1050D
1902-1431	02037	IN4690	1902-1564	03334	BZX81-C21	1906-0252	02062	5082-2272 UES36038	1906-0385	01698	SN74S1053D
1902-1432	02037	1N5381B	1902-1565	03334	BZX84-C4V7	1906-0255	02713	KBPC606	1906-0387	03406	USD4545C
1902-1434	02037	1N3998RA	1902-1566	02037	1N5228(SEL)	1906-0256	02713	WO2M	1906-0388	02037	MSD6101
1902-1436	02037	MMBZ5232B	1902-1567	02037	MMBZ5234B	1906-0257	02237	FSA2619P	1906-0389	04504	KBPC3506
1902-1437 1902-1438	02037	MMBZ5241B 1N5944B	1902-1568	03334	BZV49-C12	1906-0258	02037	MDA970A2	1906-0390	03038	35MB60A
1902-1439	02037	1N2835RA	1902-1570	03334	8ZX84-C2V4	1906-0259	00046	SES5603CR	1906-0391	12810	MB351
1902-1440	02037	1N5274A	1902-1572	03334	R2X84-C15	1906-0262	05046	UES 2402	1910-0002	02682	1N38B
1902-1441	02037	MLL5221	1902-1574	03334	BZX84C6V8	1906-0264	05088	VKP 248	1910-0003	06418	1N90
1902-1442	02037	MLL5223	1902-1575	02037	1N5348BRL	1906-0265	00046	USD 745C	1910-0014	02682	1N277
		MLL5225	1902-1576	02037	1N5263B	1906-0266	02037	MDA3502	1910-0023	02682	1N270
	02037	MLL5226 MLL5227	1902-1577	02037	184701A	1906-0267	02037	MBR3035CT	1910-0024	02682	1N191
1902-1446	02037	MLL5228	1902-1570	02037	1N5253B	1906-0268	03038	12070000	1910-0025	02682 02682	1N3ha
1902-1447	02037	MLL5229	1902-1580	03334	BZX84C75	1906-0270	05088	VHE2402A	1910-0031	02682	1N279
1902-1448	02037	MLL5230	1902-1581	02037	MZC6.2A5	1906-0271	05088	R712X	1910-0041	01921	1N2326
1902-1449 1902-1450	02037	MLL5231	1902-1582	04078	BZV47C5V6	1906-0272	02713	KBPC12-02-W	1911-0001	01973	1N91
1902-1450	02037	MILL5234	1902-1583	02037	1SMB5918B	1906-0274	03038	100JB4L	1912-0002	01973	1N3716
1902-1452	02037	MLL5235	1902-1587	02737	PMLL5231B	1906-0275	02037	ARP 1535CT	1912-0006	01973	1N3(18 1N371)
1902-1453	02037	MLL5236	1902-1588	03334	BZX84-B24	1906-0277	00046	UES2605	1912-0000	01973	1N3712
1902-1454	02037	MLL5237	1902-1589	03334	BZX84-B75	1906-0278	05088	VSK231	1912-0014	01973	1N3720
1902-1455	02037	MLL5239B	1902-1590	03334	BZX84-C43	1906-0279	02865	DMJ4708	1912-0018	01352	SMTD-636
1902-1456 1902-1457	02037	MLL5241	1902-1591	03334	BZX84-B30	1906-0281	02713	KBPC-W35-04(SELECTED)			
1902-1458	02037	MLL5242	1902-1592	02037	\$22628RI.	1906-0282	02003	DEOF			
						.,,	5	UES2602R KBPC606 W02M FSA2619P MDA970A2 SES5603CR UES 2402 VSK12 VKP 248 USD 745C MDA3502 MDR3502 MDR3502 TJD101 12CTQ040 VHE2402A R712X KBPC12-02-W 100JB4L TND908 MBR1535CT UES2605 VSK231 DMJ4708 KBPC-WS5-04(SELECTED) DPAD1 DF04			

JEDEC	NAC-	UDDA	(EDEO	•••				
JEDEC	Mfr.	HP P/N	JEDEC	MTr.	HP P/N	JEDEC	Mfr.	HP P/N
MMBFJ310T1		1855-0764	1N3289		1901-0307	1N5230(SELECTED)	02037	1902-1426
.4M6.2 ZZ1 0 .4M8.2 Z1		1902-1430 1902-0994	1N3289R		1901-0308	1N5243(SELECTED)	02037	1902-1408
1.5KE120C	03287	1901-1207	1N3337A 1N3491	02037	1902-1578 1901-0406	1N5244 SELECTED 1N5248 SELECTED		1902-1400 1902-1399
1.5KE15A	03287	1901-0917	1N3491R	02037	1901-0343	1N5253B	02037	1902-1579
1.5KE160A 1.5KE18CA	10881	1901-1307 1902-1404	1N3492	02037	1901-0424	1N5253B 1N5256(SELECTED) 1N5263B	02037	1902-1392
1.5KE250CA	11708	1902-1529	1N3494 1N34A	02037	1901-0426 1910-0031	1N5263B 1N5274A		1902-1576 1902-1440
1.5KE39	03287	1901-1205	1N3563	01921	1901-0742	1N5283		1901-0758
1.5KE39C 1.5KE7.5C		1901-1206 1902-0993	1N3595	00046	1901-0376	1N5283 1N5284	02037	1901-0846
1.5KE91C	03287	1902-1537	1N3595 1N3644	00046	1901-1195 1901-0752	1N5285	02037	1901-0954 1901-0869
1.5SE18C	02526	1902-0976	1N3662	02037	1901-0431	1N5297 1N5305	02037	1901-0009
100JB4L 10JTF10	03038	1906-0274 1906-0363	1N3712	01973	1912-0009	1N5312	02037	1902-0627
10L200	02158	1901-1329	1N3714 1N3716	01973	1912-0007	1N5333BRL 1N533LBRI		1902-1509 1902-1515
10TQ045	03038	1901-1136	1N3718	01973	1912-0002 1912-0006	1N5312 1N5333BRL 1N5334BRL 1N5334D		1902-1518
11DQ10 126911-001	03038	1901-1336 1901-1299	1N3720 1N3881	01973	1912-0014 1901-0756	1N5335B	02037	1902-1396
12CTQ040	03038	1906-0269	1N3889	02037	1901-0791	1N5338A		1902-0996 1902-1423
16MQ40(SEL)	06078	1901-0990	1N3889R	06563	1901-0511	1N5338B		1902-1291
16MQ60(SEL) 1GG2-4032	10743	1901-1153 1855-0663	1N3890 1N3890R	02037	1901-0672 1901-0684	1N5340B	02037	1902-0522
1KAB60	03038	1906-0299	1N3891	02037	1901-0604	1N5334D 1N5335B 1N5336B 1N5338A 1N5340B 1N5341B 1N5342B 1N5342B 1N5345B		1902-1380 1902-1286
1M120ZS5	02037	1902-0931 1901-0004	1N3891R	02037	1901-0774	1N5345B		1902-0920
1N1084 1N1116		1901-0060	1N3893 1N3899R	02037	-701-0090	1N5348B 1N5348BRL		1902-1278
1N1183A	06121	1901-0315	1N38B	02682	1901-0678 1910-0002	1N5349		1902-1575 1902-0927
1N1183AR 1N1184A		1901-0316	1N3900	02037	1001-0671	1N5351R	02037	1902-0631
1N1184AR		1901-0317 1901-0318	1N3911 1N3912	02037	1901-1333 1901-0888	1N3352 1N3354b 1N5355B 1N5355B 1N5357B 1N5357B		1902-0977
1N1186AR	02086	1901-0319	1 1/2000	01973	1901-0000	1N5355B	02037	1902-0632 1902-1340
1N1187A 1N1187AR	02086	1901-0320 1901-0321	1N3996A	02037	1902-1226	1N5355B	02037	1902-1346
1N1200A		1901-0321	113996a 113997ra 113998ra 113998ra 114002	02037	1902-1232 1902-1217	1N5357B		1902-1259
1N1206A	01921	1901-0314	1N3998RA		1902-1217	1N5359B		1902-1288 1902-1425
1N1344 1N1347A		1901-0019 1901-0309	1N4002	02086	1901-0704	1N5362B	02037	1902-1498
1N1513		1902-0086	1N4003 1N4004	02037	1901-1203 1901-0743	1N5365A 1N5366B		1902-0549 1902-1000
1N1581	01991	1901-0138	1N4004G	04486	1901-0731	1N5367B	02037	1902-1510
1N1596A 1N1597A	02037 06563	1902-0082 1902-0039	1N4006	02037	1901-1280	1N5368B	02037	1902-1536
1N1604A	06563	1902-1199	1N4007 1N4007	02237	1901-0732 1901-0849	1N5370B 1N5372B	02037	1902-0933 1 9 02-1292
1N1763		1901-0126	1N4099	02037	1002-0205	1N5373A	02037	1902-1402
1N1764 1N191	04550	1901-0131 1910-0024	1N4103 1N4148	02037	1902-1172	1N5373B 1N5378B	02037	1902-0995
1N2148	04583	1901-0398	1N4148	00046	1901-0040 1901-0044	1N5380B	02037	1 9 02-1394 1902-0934
1N2158 1N2158R	01973	1901-0305	1N4148	00046	1901-0081	1N5381B	02037	1902-1432
1N21B	02788		1N4148 1N4150	00046		1N5388B 1N5393		1902-1486
1N21BMR	01250	1900-0010	1N4150	00046	1901-0039 1901-0050	1N5395		1901-0838 1 9 01-0053
1N21E 1N2242		1900-0017	1N4150	02763	1901-1098	1N5395 1N540	04550	1901-0010
1N2326			1N4154 1N4156	04550 01973	1901-1052 1901-04 63	1N5406 1N5408	02713	1901-0759
1N23B	01250	1900-0012	1N415C		1900-0015	185418	00046	1901-1123 1901-0790
1N23C 1N250C		1900-0018 1901-0310	1N416B	02788	1900-00 06	1N5524C	02037	1902-1387
1N2525	02037	1901-0057	1N416BM 1N4448		1900-0011 1901-1200	1N5524D 1N5525C	02037	1902-0528 1902-1260
1N253	01991	1901-0013	1N4530	01973	1901-0370	1N5525C	02037	1902-1284
1N2565 1N26SP		1901-0383 1900-0007	1N4531	01698	1901-1015	1N5553	02664	1901-0750
1N270	02682	1910-0023	1N4551A 1N4557A	02037	1902-1571 1902-1338	1N5554 1N55A	02664	1901-0751 1910-0003
1N277	02682	1910-0014	1N4561A		1902-1297	1N5623	02664	1901-1103
1N279 1N2805A	02682		1N4574A	02037	1902-1411	1N5623 1N5626		1901-1133
1N2835A	02037	1902-1401	1N4577 1N4603	02803 02865	1902-0991 1900-0016	1N5641A 1N5651A		1901-0983 1901-0982
1N2835RA		1902-1439	1N4606	00746	1901-1296	1N5653A	02526	1901-0981
1N2972A 1N2979B		1902-0909 1902-0643	1N4607 1N4607	00046	1901-0041	1N5711	04078	1900-0233
1N2979RB	02037	1902-1205	1N4608			1N5802 1N5812	03627	1901-0952 1901-0765
1N2984RB		1902-0910	1N4621	01691	1902-0983	1N5817	02037	1901-0868
1N2986B 1N2989B		1902-0156 1902-1409	1N4626 1N4683			1N5817(RELAXED)	02037	1901-1080
1N2991	02037	1902-0987	1N4697		1902-1391 1902-1388	1N5818 1N5819RL		1901-0734 1901-1128
1N2992RB 1N2997RB	02037	1902-0021	1N4719	02037	1901-0409	1N5821	02037	1901-0782
1N2997RB	02037	1902-0645 1902-0028	1N4720 1N4721		1901-0410 1901-0164	1N5823 1N5827	02037	1901-0726
1N3001B	02037	1002-0008	1N4722			1N5847A	02037	1901-0834 1902-0640
1N3003B 1N3004B	02037	1902-0088 1902-0089	1N4723		1901-0414	1N5851B	02634	1902-1332
1N3004RA	02037	1902-0178	1N4725 1N4742A			1N5857B 1N5908	04200 02526	1902-1323 1902-0939
1N3008B	02037	1902-0035	1N4750A	02037	1902-0085	1N5927	02037	1902-0924
1N3028B 1N3064	02037 02237	1902-0030 1901-0038	1N4753ARL 1N4761A	02037	1902-1356	1N5944B	02037	1902-1438
1N3070	00046	1901-0519	104934	02037		1N5949B 1N5953B		1902-1493 1902-1481
1N3154	02037	1902-0788	1N4936	02713	1901-1065	1N5954B	02713	1902-1482
1N3208 1N3209	02037	1901-0421 1901-0032	1N4937		1901-0831	1N5987D	02688	1902-1495
1N3209R	02037	1901-0346	1N4937 SELECTED 1N5000		1901-1248 1901-0775	1N5993B 1N6021B	02037	1902-1506 1902-1507
1N3210 1N3212	02037	1901-0048	1N5002	02037	1901-0492	1N6074	02664	1901-0786
1N3212 1N3260R		1901-0423 1901-0311	1N5002R 1N5003			1N6096	01691	1901-0833
1N3262	01973	1901-0312	1N5061			1N625 1N6267A	02037	1901-0071 1901-1292
1N3262R	01973	1901-0313	1N5228(SEL)			1N6270A		1902-0986

12 BENCH BRIEFS

			0.7 D.100C 0.1033	ricici ciice	- SEDEC NO.	IO HE P/N		
JEDEC	Mfr.	HP P/N	JEDEC	Mfr.	HP P/N	JEDEC	Mfr.	HP P/N
1N6273A	02037	1902-1397	2N2647	0).550	4055 0005			
1N6278A	02037	1901-1319	2N2857	04550	1855-0027 1854-0048	2N3824		1855-0224
1N628	01991	1901-0058	2N2857	01921	1854-0323	2n3855a 2n3866	01973	1854-0057
1N6280AC	02037	1901-1331 1902-1410	2N2869	01921	1850-0126	2N3866A	01921	1854-0233 1854-0784
1N6283A 1N6291AC	02037	1902-1410	2N2895	02037	1854-0527	2N3867	02037	1853-0442
1N6377	02037	1901-1330 1902-1516 1901-0025 1901-0025 1901-0333 1901-0537 1901-0356 1901-0356 1901-0329 1901-034 1902-0095 1902-1044 1902-1044 1902-1041 1902-1594 1902-1594 1902-003 1900-0020 1902-0761 1902-0761 1902-0761 1902-0768 1902-0686 1902-0772 1902-0680 1902-0772 1902-0787 1902-0787 1902-0787 1902-0787 1902-0791 1902-0791 1902-0791 1902-0791 1902-0791 1902-0791 1902-0791	2N2896 2N2904	02037	1854-0748 1853-0013	2N3879	01921	1854-0476
1N645	00046	1901-0025	2N2904A	01698	1853-0013 1853-0012	2N388A 2N3904	01698	1851-0024
1N645	00046	1901-0033	2N2905A	02037	1853-0314	2N3904 2N3904	02037	1854-0215 1854-1028
1n645 1n647	00046	1901-0537	2N2907	02037	1853-0205	2N3904	02037	1854-1061
1N647	01698	1901-0129	2N2907A	02682	1853-0205 1853-0281		02037	1854-1084
1N660	01698	1901-0330	2N2907A(SELECTED) 2N2913	02037	1853-0571	2N3904 2N3904 CHIP 2N3904 CSLI) 2N3904-STYLE D 2N3904RLRA2 2N3905 2N3906 (SEL) 2N3906 (SEL) 2N3906 CSLI) 2N3906 CSLI) 2N3906 STYLE D	03406	1854-1110
1N662	03447	1901-0144	2N2920	02037	1854-0349	2N3904 CHIP	02037	1854-0770
11746	02037	1902-0095	2N2925	01973	1854-0066	2N3QO4-STYLE D	02037	1854-1177
1N751A (CELECTED)	02237	1902-0041	2N2946A	01698	1853-0322	2N3904RLRA2	02037	1854-1232 1854-1048
1N751A(SELECTED) 1N751D	02037	1902-1405 1002-150h	2N2972 2N2996	02037	1854-0411	2N3905	02037	1853-0292
1N754	02037	1902-0003	2N2990 2N3013	01698	1850-0172	2N3906 (SEL)	02037	1853-0036
1N76	02865	1900-0004	2N3014	02037	1854-0842	2N3906(SEL)	02037	1853-0563 1853-0659
1N76A 1N821	01250	1900-0020	2N3019	02037	1854-0263	2N3906-STYLE D	02037	1853-0707
1N821D	02037	1902-0761	2N3053	01921	1854-0667		02763	1855-0038
1N823	01991	1902-1390	2N3013 2N3014 2N3019 2N3053 2N30532V 2449 2N3053S	03334	1854-0090	2N3933	03406	1854-0238
1N825	02037	1902-0686	2N3054	01921	1854-0039	2N3955 2N3959 2N3966	03406	1855-0207
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1N827 1N829	02037	1902-0680	2N3055	01921	1854-0063	2N3993	02037	1855-0387
1N831	02037	1902-0625	2N3134	02037	1853-0006	2N3994	02037	1855-0789
1N90	06418	1910-0004	2N3227 2N3232	02037	1854-0260	2N4028	02237	1853-0206
1N91	01973	1911-0001	2N3232 2N3250	02037	1853-0008	2M4035	02237	1853-0320 1853-0422
1N914	01698	1901-0710	2N3250	02037	1853-0287	2N4034		1853-0072
1 N914B 1 N9 35	03406	1901-1340	2N3251 2N3262	02037	1853-0007	2N4035	02237	1853-0258
1N936	02037	1902-0772	2N3262	01921	1854-0242	204036	01921	1853-0045
1N937	02037	1902-0786	203302	02237	1854-0278	2N4036	02037	1853-0590
1N938	02037	1902-0787	2N3302 2N3304 2N3330 2N335 2N3382	01698	1855-0393	2N3994 2N4028 2N4032 2N4033 2N4034 2N4035 2N4036 2N4036 2N4036 2N4036 2N40404		1853-0051 1854-0248
1N941 1N942	02037	1902-0018	2N335	01973	1854-0026	284046	02237	1854-0478
1N942 1N944	02037	1902-0791	2N3382	03714	1855-0390	2N404A	06632	1850-0062
1N964B SELECTED	02037	1902-0793	203391	01973	1854-0033	2N4092	02037	1855-0371
1N989B	02037	1902-0796	2N3393	04770	1854-0098	2N4117 2N41174	02883	1855-0208
1N992B	02037	1902-0795	2N3415	04550	1854-0093	2N4119A	03406	1855-0305 1855-0463
1N995 1NC4740A	02682	1902-0795 1910-0025 1902-0925 1902-1583	283391 283392 283393 283315 283415 283436 2833430 2833441 283341 2833441 283442 283467 283468	04200	1854-0792 1854-0666 1853-0322 1854-0411 1850-0172 1854-0263 1854-0263 1854-0263 1854-0667 1854-0090 1854-0090 1854-0090 1854-0090 1854-0090 1854-0090 1854-0090 1854-0090 1854-0090 1854-0090 1854-0090 1854-0084 1853-0008 1854-0084 1853-0008 1853-0008 1853-0019 1853-0019 1853-0019 1853-0019 1853-0019 1853-0019 1853-0019 1853-0019 1853-0019 1853-0019 1853-0019 1853-0019 1853-0019 1853-0099 1853-0099 1853-0099 1853-0099 1853-0019 1853-0019 1853-0019 1853-0019 1853-0019 1853-0019 1853-0019 1853-0019 1853-0019 1853-0019 1853-0019 1853-0011 1854-0315 1854-0315 1853-0462 1853-0643 1853-0648 1853-0648 1853-0648 1853-0665 1853-0665 1853-0665	2N4117A 2N4119A 2N4126	02037	1853-0685
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1SS135			2N3440	01921	1851-0221	2N4209 2N4233A 2N4236 2N4237 2N4239 2N4260 2N4268 2N4261 2N4264 2N438 2N4348	02037	1854-0600
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29C	01921	1901-1166 1901-1066 1901-0892 1906-0225 1854-0691 1854-0644 1853-0614 1853-0019	2N3468	03406	1853-0399	2N4258	02237	1853-0081
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2N1103 2N1306	01921	1850-0064 1851-0025	2N3501 (SEL) 2N3553	02037	1854-0813	2N4342	02237	1855-0056
2N1307		1850-0173	2N3553 2N3563	01921	1854-0308	2N4348	01921	1854-0382
2N1308	01698	1851-0037	2N3583	01921	1854-0416 1854-0282	2N4351 2N4352 2N4360	02037	1855-0380
2N1309		1850-0151	2N3585	01921	1854-0643	2N4360	02037	1855-0309 1 85 5-0 05 2
2N1358 2N1377	05840	1850-0150 1850-0170	2N3633	01991	1854-0315	2N4384 2N4384 CHIP	02634	1854-0226
2N1482	01090	1854-0214	2N3634 2N3635	02037	1853-0028	2N4384 CHIP	03406	1854-0771
2N1499A	03571	1850-0093	2N3637	02037	1853-0462 1853-0675	2N4391 2N4301	02883	1855-0420
2N1523		1850-0194	2N3638	02037	1853-0638	2N4391 2N4391(CHIP)	02883	1 855 -0 63 0 1855 -0653
2N1671A 2N1671B	01973	1855-0001	2N364ORLRA1	02037	1853-0665	3MT303	02037	1855-0386
2N1671C	01973	1855-0021 1855-0077	2N3553 2N3553 2N3583 2N3585 2N3633 2N3634 2N3635 2N3637 2N3646 2N3646 2N3663 2N3663 2N3703 2N3703	02237	1854-0432	2N4392 2N4393 2N4398 2N4398	02037	1855-0829 1855-0414 1853-0310
2N1701	01921	1854-0062	2N3685	019/3	1854-0219 1855-0430 1853-0023 1854-0252	2M43Y3	02883	1855-0414
2N1 701	01921	1854-0613	2N3703	01698	1853-0023	2N4398	02037	1853-0310 1853-0421
2N1760 2N2060		1850-0406		02037	1854-0252	2N4401	02037	1854-0467
2N2102		1854-0761 1854-0067	2N3714 2N3715	02031	1024-1010	2N4401	02037	1854-0832
2N2194		1854-0281	2N3725		1854-0264 1854-0547	2N4401 2N4401		1854-1039
2N2218	02037	1854-0053	2N3725A			201403	02037	1854-1126 1853-0271
2N2218A 2N2219A		1854-0013	2N3737	02037	1854-0988	2N4403	02037	1853-0419
2N2221 2N2221		1854-0637 1854-0032	2N3739	02037	1854-0324	2N4403	02037	1853-0565
2N2221A		1854-1245	2N3740 2N3741	02037	1853-0052	2014405	02037	1853-0650
2N2222	02037	1854-0210	2N3762		1853-0392 1853-0429	2N4410 2N4416		1854-0365
2N2222A	02682	1854-0477	2N3766	02037	1854-0259	2N4416A	02037	1855-0327 1855-0276
2N2223 2N2369		1854-0014	2N3771	01921	1854-0313	2N4416A CHIP	02037	1855-0256
2N2369A		1854-0030 1854-0809	2N3771 2N3771	01921	1854-0566	201428	02037	1854-0851
2N2405		1854-0352	2N3772	01921		2N4853 2N4857	02037	1855-0099
2N2430	03334	1851-0041	2N3772(SEL)	02037		2N4857 2N4860		1855-0244
2N2432A	01698	1854-0557	2N3773	01921 :	1854-0733	284891		1855-0632 1855-0065
2N2483 2N2501		1854-0304 1854-0311	2N3789	02037 :	L853-0031	2N4900	02037	1853-0323
2N2538		1854-0211 1854-0213	2N3791 2N3792			2014902	02037	1853-0223
2N2540		1854-0786	2N3799	02037		2N4912 2N4917		1854-0399
2N2552	01698	1850-0181	2N3799	01698 1	1853-0451	284917	02237	1853-0089 1853-0597
2N2556 2N2608	01698 1	1850-0076	2N3808	02037 1	1853-0594	2N4917	02237	1853-0640
2N2646		1855-0297 1855-0010	2N3809 2N3811			2N4917-J25Z	03406	1853-0708
			J	02031	1853-0673	2N4918	02037	1853-0084

		i i ali sistoi/	Didde Cross Helere	IICE	- OLDEO NO. (0 111 1714		
JEDEC	Mfr. H	IP P/N	JEDEC	Mfr.	HP P/N	JEDEC	Mfr.	HP P/N
		0== 0000	overe!	00007	1952 0202	000737	007)16	1853-0550
2N4919 2N4920	02037 1	852_020):	2N5956 2N5963	02037	1853-0303 1854-0548	2SB737 2SB965		1853-0631
2N4922	02037 1	854-0389	2N5963 2N5986 (SELECTED)	02037	1853-0378	2SC1623	03334	1854-1132
2N4923	02037 1	854-0347	2N6027	04550	1855-0314	2SC2275	00039	1854-1119 1854-0860
2N4959 2N4966	02037 10 02037 10 02037 10 01698 10	853~0430 851-0307	2N60F0	02037	1855-0346 1853-0413	2SC2334 2SC2429 (SEL)	06344	1854-0940
2N5039		854-0762	2N6051	02037	1853-0391	2SC2690	00039	1854-1115
2N5070	01921 10 03406 10 02037 10 03406 10	854-0386	2N6028 2N6049 2N6051 2N6053 2N6056 2N6056 2N6057 2N6107(SEL) 2N6109 2N6124 2N6211 2N6213 2N6248 2N6254 2N6254 2N6259 2N6259 2N6266	02037	1853-0351	25C2718		1854-1112
2N5087	03406 1	.853-0086 .85):_0303	2N6055 2N6056	02037	1854-0611 1854-0774	2SC2876 2SC2878	06354	1854-1003 1854-1041
2n5088 2n5088	03406 1	.854-1040	2N6057	02037	1854-0669	2SC2987	00030	195)-1118
2N5088	02037 101979 103334 101921 101921	854-1207	2N6107	01921	1853-0371	2SC2987A	00039	1854-1113 1854-1117 1853-0630 1854-1187
2N508A	01979 1	.850-0154 .855-0392	2N6107(SEL) 2N6100	02037	1853-0667 1853-0660	2SC3281 2SD1288	00039	1853-0630
2N5105 2N5109	01921 1	.854-0378	2N6124	02037	1853-0469 1853-0661 1853-0328	2SD1378 2SD786	00746	1854-1187
2N5114	02883 1	855-0421	2N6211	01921	1853-0328	2SD786	00746	1854-1187 1854-1136 1855-0570 1855-0571 1855-0806 1854-0769 1906-0390 1901-0699 1901-0699 1855-0306 1855-0332 1855-0332
2N5115 2N5115(SEL)	02883 1 03406 1	.855-0402 .855-0540	5M65F8 5M65F3	01921	1853-0670 1853-0439	25K523 25K533 25K680-T1	00039	1855-0571
2N5115(SEE) 2N5116	03714 1	.855-0278	2N6254	01921	1854-0755	2SK680-T1	00039	1855-0806
2N5116	03406 1	855-0413	286258	01921	1854-0576	35821E	02062	1854-0769
2N5179 2N5179	02037 1 01921 1	.854-0345 .854-0431	2N6259 2N6259	02037	1854-0577 1854-1133	35MB60A 31 05	02664	1901-0699
2N5179 (SEL)	02037 1	854-0994	2N6261	01921	1854-0738	3N128	01921	1855-0306
2N5179(SEL)	02037 1	1854-1043	282	02037	1854-0671	3N138	01921	1855-0332
2N5189 2N5191	01921 1 02037 1	1854-0570 1854-0368	2N6209	11981	1854-0881	3N172		
2N5191 2N5192	02037 1	1854-0453	2N6292	01921	1854-0765	3N190	03714	1855-0279
2N5193	02037 1	1853-0236	2N6292	01921	1854-0917	3N190	03714	1855-0396 1855-0250
2N5194 2N5198	02037 1	1853-0212 1855-0301	2NÉ-282 2NÉ-289 2NÉ-289 2NÉ-289 2NÉ-282 2NÉ-282 2NÉ-282 2NÉ-284 2NÉ-286 2NÉ-286 2NÉ-286 2NÉ-300 2NÉ-305 2NÉ-306 2NÉ-306 2NÉ-308 2NÉ-317 2NÉ-313 2NÉ-31	02037	1853-0383	3N163 3N172 3N190 3N190 3N215 3N91 3SF1	02634	1853-0057
205210	02037 1	L855-0301 L854-0409	286296	02037	1854-0662	3871 3872 40250 40313 40346 40394 40673 406871 406871 406871 406871 50682-0001 50682-0001 50682-0001 50682-0001 50682-0001 50682-0007 5082-0007 5082-0007 5082-0007 5082-0009 5082-0009 5082-0010 5082-0009	02664	1853-0057 1901-0674
2N5217	03776 1	1854-0286	206298	02037	1853-0617	3SF2	02664	1901-0988
2N5239 2N5245	01921 1	1854-1085 1855-0688	2NG305	02037	1854-0785	4023U 40313	01921	1854-0224 1854-0383 1854-0395 1853-0087 1855-0534 1853-0342 1854-0617 1901-0859 1901-0881 1900-0093 1900-0057 1901-0169 1900-0066
2N5245 (SEL)	02037 1	1855-0690	2N6306	02037	1854-0623	40346	01921	1854-0095
2N5246	01698 1	1855-0285	2N6306	01921	1854-0767	40394	01921	1853-0087
2N5247 2N5262	03406 1	1855-0257 1854-0363	2N6315	02037	1854-0024	406/3 40831	01921	1853-0342
2N5266	02037 1	1855-0721	286317	02037	1853-0418	40852	01921	1854-0617
2N5268	02037 1	1855-0277	2N6331	01698	1853-0381	40HFL100S05	03038	1901-1316
2N5294	01921 1	1854-0370 1851-0308	2N6330	02037	1854-0746	40HQU3U 5082-0001	02062	1901-0881
2N5301 2N5320	01921 1	1854-0999	2N6340	02037	1854-1145	5082-0001	02062	1900-0093
2N5333	01698 1	1874-1363 1855-0721 1855-0277 1854-0370 1854-0398 1854-0999	2N6354	01921	1854-0715	5082-0001 SELECTED	02062	1900-0057
2N5396	02763 1	1875-0349 1855-0283 1855-0259 1855-0498 1853-0457 1853-0224	2N6420 2N6423	02037	1853-0548 1853-0414	5082-0007 5082-0009	02062	1901-0169
2N5397 2N5397	03406 1	1855-0498	2N6429A	02037	1854-0831	5082-0030	02062	1900-0066 1900-0025 1901-1193 1901-1289
2N5400	02037 1	1853-0457	2N6437	02037	1853-0526	5082-0049	02062	1900-0025
2N5401	02037 1	1853-0264 1853-022h	2N6474 2N6476	01921	1853-0406	5082-0830 5082-1001	02062	1901-1193
2N5415 2N5415	400004 4	1853-0493	2N6477	01921	1854-0737	5082-1006	02062	1901-1232
2N5416	01921 1	1853-0221	286488	01921	1854-0884	5082-2272	02062	1906-0252
2N5416 (SEL) 2N5427	02037 1	1853-0576 1854-0758	2N6409 2N6400	02037	1853-0478	5082-2370	02062	1900-0231 1906-0234
2N5428	02037 1	1854-0596	2N6491	02037	1853-0542	5082-2755	ივინვ	1001-0020
2n5428 2n5428 2n5429 2n5432 2n5461	02037 1	1854-0766	286497	02037	1854-0839	3002-2794	02062	1900-0088 1900-0089 1906-0204 1901-0545 1901-1131 1906-0082
2N5429 2N5h32	02037 1 03h06 1	1854-0586 1855-0292	2N6520	02037	1853-0437	5082-2800 SELECTED 5082-2804	02062	1906-0204
2N5461	02037 1	1855-0689	2N6545	02037	1854-0787	5082-2805 5082-2810	02062	1901-0545
2N5474	02037 1	1855-0379	2N6554 2N6584	02037	1853-0558 1851-0818	5082-2810 5082-2826	02062	1901-1131
2N5485 (SEL) 2N5486	02037 1	1855-0096 1855-0255	206609	02037	1853-0487	5082-2826 SELECTED	02002	1400-0004
2N5519	02883 1	1855-0398	2N6658	02883	1855-0293	5082-2826 SELECTED 5082-2830	02062	1906-0210
2N5544	02569 1	1855-0071	2N6659	02037	1855-0251	5082-2830 5082-2831	02062	1900-0079 1900-0083
2079405 (SEL) 2075406 2075519 207551 2075556 2075565 207578 207578	02883 1	1854-0474 1855-0288	2N6659 2N6660	02883	1854-1133 1854-0738 1854-0671 1854-0837 1854-0837 1854-0881 1854-0681 1854-0698 1853-0383 1854-0662 1853-0617 1854-0648 1854-0648 1854-0785 1854-0648 1854-0785 1854-0785 1854-0767 1854-0767 1854-0767 1854-0767 1854-0711 1854-0714 1854-0715 1853-0381 1853-0418 1853-0418 1853-0548 1853-0548 1853-0548 1853-0548 1853-0548 1853-0548 1853-0548 1853-0548 1853-0548 1853-0548 1853-0548 1853-0548 1853-0548 1853-0548 1853-0558 1853-0558 1853-0558 1853-0558 1853-0558 1853-0558 1853-0558 1853-0558 1853-0558 1853-0558 1853-0558 1853-0558 1853-0558 1853-0558 1853-0558 1853-0558 1853-0558 1853-0558	5082-2830 5082-2831 5082-2831	02062	1900-0087
2N5565	02883 1	1855-0232	2N6667	02037	1853-0666 1854-0871	5082-2835 5082-3042 5082-3080	02062	1901-1085
2N5578 2N5583	01921 1	1854-0708 1853-0293	2N6678 2N6709	10881	1854-0871 1853-0573	5082-3042 5082-3080	02062 02062	1901-1119 1901-0639
2N5503 2N5679	02037 1	1853-0585	2N6741	02062	1853-0573 1854-0971	5082-3140	02062	1900-0099
2N5681	02037 1	1854-1062	2N6837	02037	1854-1122	5082-3141		1900-0228
2N5684 2N5771		1853-0428 1853-0540	2N7000 2N7000		1855-0667 1855-0727	5082-3900 5082-5232		1901-0875 1901-0747
2N5836	02037 1	1854-1129	2N7002	02883	1855-0734	5082-5414	02062	1901-0517
2N5840	02237	1854-0751	2N708	02237	1854-0005	5082-5507		1901-0385 1901-0518
2N5875 2N5876		1853-0305 1853-0344	2N709 2N730	02037	1854-0009 1854-0289	5082-5509 5082-5541		1901-0518
2N5877	02037 1	1854-0518	2N779A	01979	1850-0075	5082-5580	02062	1901-1097
2N5878		1854-0743	2N779A 2N83h		1850-0441 1854-0010	50L200 50SQ080		1901-0738 1901-1267
2N5880 2N5880		1853-0053 1853-0407	2N834 2N835		1854-0011	5KP5.OA		1901-1207
2N5883	02037	1853-0425	2N918	02237	1854-0021	5KP75A	03287	1901-1284
2N5884		1853-0340	2N964 2N976		1850-0099 1850-0137	5M17ZS2 5M18ZS2		1902-0918 1902-0919
2 n 5885 2 n 5886		1854-0679 1854-0697	2N976 2SA1151		1853-0624	5M23ZS2		1902-0919
2N5905	02883 :	1855-0400	25A1186	10646	1853-0710	5M28ZS2	02037	1902-0982
2N5911/D		1855-0661	2SA1220 2SA1226		1853-0629 1853-0588	5M30ZS2 60CDQ045		1902-0980 1906-0374
2N5912 2N5912		1855-0213 1855-0507	25A1220 25A1227		1853-0632	673-2	00046	1906-0035
2N5912CHP	02883 :	1855-0669	2SA1227A	00039	1853-0622	698-1	00046	1906-0090
2N5943		1854-0597 1854-1007	2SA1302 2SA812	06354	1853-0621 1853-0636	72006 80SQ030		1853-0479 1901-0921
2N5943 (SEL) 2N5949		1855-0258	2SA985	00039	1853-0633	95-4492	03038	1906-0250
2N5954		1853-0277	2SB1007		1853-0674	A114A	01973	1901-0690

14 BENCH BRIEFS 1ST QUARTER 1991

		rialisision	Diode Cioss Belei	ence.	- JEDEC NO. 1	O RP P/N		
JEDEC	Mfr.	HP P/N	JEDEC	Mfr.	HP P/N	JEDEC	Mfr.	HP P/N
A114A	0):550	1901-1092	PERCAR					
A114D	04550	1901-1092	BFR93R BFR94	03334	1854-1243	BZX84C75		1902-1580
A115A	01973	1901-0691	BFR95	03334	1854-1036 1854-0721	BZX64C(V5 BZXR7V5	10818	1902-1512 1902-3129
A115F	04550	1901-1091 1901-0879	BFR96	02037	1854-1049	C7254	03811	1858-0081
A115M A14B	01973	1901-0879	BFRC90	02037	1854-0972	CA3018	01921	1820-0352
A14D	01973	1901-0327	BFT46 BFT92	03334	1854-0721 1854-1049 1854-0972 1855-0640 1853-0616 1853-0612 1853-0698 1854-0723 1854-1063 1906-0377 1855-0668 1855-0696	BZX84C775 BZX87V5 C7254 CA3018 CA3019 CA3045 CA3045 CA3045H CA3046 CA3049	01921	1901-0557
A14M	04550	1901-0320	BFT92R	03334 03334	1853-0616	CA3026	01921	1820-0240
A14N	01973	1901-0330	BFT93	03334	1853-0612	CA3019 CA3026 CA3045 CA3045H CA3046 CA3049 CA3081E CA3082E	01921	1821-0002 1858-0064
A14P	01973	1901-0532	BFT93	06121	1853-0698	CA3046	01921	1821-0001
A15A A15BX107	11081	1901-0673	BFX89 BFY90	03334	1854-0723	CA3049	01921	1858-0004
A15F	04550	1901-0900	BR102	12810	1054-1063	CA3083E	01921	1858-0023
A211	03334	1854-0435	BS170	02883	1855-0668	CA3082F	01921	1858-0048 1858-0057
A2S097 A2S832	04507	1901-0531	BS170	02037	1855-0696	CA3083 CA3083E CA3096E CA3097E CA3102E	01921	1858-0021
A2X1501	04507	1900-0092	BSR33 BSR43	03334	1853-0688 1854-1206	CA3083E	04550	1858-0142
A2X2118	04507	1900-0043	BSR60	03334	1853-0712	CAROOFE	01921	1858-0118 1858-0046
A3604	03334	1854-1164	BSS123	06121	1853-0712 1855-0750 1855-0768	CA3102E	01921	1858-0063
A400 (SEL) A440	03334	1854-1120	BSS84	06121	1855-0768	CA3127E	01921	1858-0040
A4S021 SELECTED	02865	1901-1132	BSS87 BSS88	06121	1855-0761	CA3127M	04550	1858-0135
A4x665	04507	1900-0034	BST16	03334	1855-0761 1855-0761 1855-0779 1853-0687 1854-1203 1855-0744 1854-1006	CA3127E CA3127M CA3146E CA3183E	01921	1858-0032 1858-0096
A5S092 SELECTED	04507	1900-0036	BST39 BST82	03334	1854-1203	CA3227E CA3227E CA3246E	04550	1858-0133
A5T4260 A5X1046	01698	1853-0404 1000-00b2		05946	1855-0744	CA3227E	03799	1858-0144
AD814	03285	1854-0619	B11426	02037	1854-1006 1854-1157	CA3246E CA3246M	04550	1858-0140
AD821(SPEC)	03285	1858-0036	BU505	03334	1854-1254	CBR10F-010P	11600	1858-0146
AT-41400	03291	1854-1144	BU508A	02037	1854-1005	CBR1F-010	11699	1906-0368 1906-0051
AT-41435-5 AT-60586	03291	185)-1200	BUSO7	02037	1854-1165	CD36191	02763	1902-0121
AT-8160	03291	1855-0720	BU426 BU505 BU506A BU807 BUR456-800A BUS-12A	03334	1855-0679 1854-0780	CEN611 CEN662	11699	1901-1277
ATF-20135	03291	1855-0808	BUS11 BUS11A	06023		apprent an	11699	1901-1287
BA220 BA482	03334	1901-0022	BUS11A	03334	1854-1183	CG75L	04504	1854-0529 1901-1325
BA483	03334	1901-1253	BUS12	03334	1854-1183 1854-1182 1854-1166	CH4106-25-1%	02688	1902-0903
BAL 74	10881	1901-1114	BUW12A	02037	1854-1100	CL4627-25-1% CL4720	02688	1902-1322
BAR42	11708	1901-1254	BUX82	06023	1854-0891	CLA3132-86	02865	1902-1295 1900-0046
BAS 40-04 BAS 40-05	06121	1906-0320	BUZ 15	06121	1855-0523	CP4071	00746	1854-0071
BAS16	02237	1901-1204	BUZIO	06121	1855-0553	CPY203E	03038	1855-0822
BAS17	03334	1902-1556	BUZ11	03334	1855-0645	CSB7002-05-150-801	02865	1900-0246
BAS19 BAS31	03334	1901-1150	BUZ24	06121	1855-0539	CT-1058	04200	1854-0071 1855-0822 1900-0246 1900-0068 1854-0810
BAS40	06121	1900-0305	BUZ/1A RII271 A	06121	1855-0548	D1561CE	02000	1901-0530
BAS40-06	06121	1906-0332	BUZ90	06121	1855-0766	D40D4	02037 03406	1854-1086 1854-1237
BAS45 BAS56	03334	1901-0327 1901-0328 1901-0329 1901-0329 1901-0330 1901-0532 1901-0673 1901-0968 1901-0968 1901-0968 1901-0951 1854-0435 1901-0531 1900-0092 1901-1107 1900-0043 1854-1164 1854-1120 1853-0553 1901-1132 1900-0034 1900-0034 1900-0034 1900-0036 1854-1067 1854-0619 1858-0036 1854-1144 1901-1257 1854-1067 1854-1209 1855-0720 1855-0808 1901-022 1901-1134 1901-1254 1901-12556 1901-1256 1901-1257 1906-0332 1901-1344 1906-0337 1906-0337 1906-0331	BY 205-100	01698	1901-0837	D41D4	02037	1853-0595
BAS70-04	05334	1906-0331	BY205-400	01698	1901-0835	D42C11N	04550	1854-0998
BAT17	03334	1901-1151	BYD33D	03334	1901-1306	DPPAZ	04550	1854-0872 1854-0635
BAT54 BAT83	03334	1901-1320	BYD33M	03334	1854-1166 1854-1019 1855-0891 1855-0523 1855-0671 1855-0645 1855-0539 1855-0548 1855-0766 1991-0837 1901-1308 1901-11198 1901-1246 1901-0887 1901-1230 1901-1118	CEMB(72 CGT5L CH4106-25-1% CH4106-25-1% CL472-25-1% CL472-25-1% CLA3132-86 CP4071 CPY203E CSB7002-05-150-801 CSB7201-01 CT-1058 D1561CE D40D4 D40H1 D41D4 D44H1 D44H1 D44H5 D45H2 D45H2 D45H2 D45H2 D45H2 D45H2 D45H2 D45H2 D45H3 D4	04550	1853-0497
BAT85	03334 0333h	1901-1279 1901-1183	BYP59-300	03334	1901-0887	D45H2	04550	1853-0472
BAV10 SELECTED	03334	1901-1164	BYV27-100	06002	1901-1230	D471 AR	04550	1853-0494 1901-0660
BAV23S BAV70	03334	1901-1269	BYV27-150	03334	1901-1112	D505AC	02688	1901-0686
BAV74 SELECTED	02037	1901-1144 1901-1224	BYV27-200 BYV32-150	03334	1901-1141 1906-0296	D583CG	02688	1901-0655
BAV99	03334	1906-0303 1901-1345	BYV36C	03334	1901-1223	DA15CN	02865	1906-0244 1901-1315
BAW78B	06121	1901-1345	BYV36E	03334	1901-1249	DAN601	00746	1906-0293
BC321C-18 BC415C	06121	1853-0366 1853-0703	BYV95C	07766	1901-1138	DDC 4565-96	02865	1901-0985
вс636	02037	1853-0692	BYW29-200AC	02037	1901-1293 1901-1272	DDC4565D	02865	1900-0053 1900-0056
BCF70	03334	1853-0599	BYW29-50	03334	1901-0858 1901-1126	DE111	04550	1901-0905
BCW65C BCX18	10881	1854-1150 1853-0545	BYW80-100	10881	1901-1126	DE131	04550	1901-1255
BCX20	10881	1854-0987	BZV49-C12	0454F	1902-1582 1902-1568	DAISCN DAMSO1 DDC 4565-96 DDC4565D DDC4582D DE111 DE111 DE131 DF01 DF04	02713	1906-0284 1906-0283
BCX53AH	03334	1853-0691	BZV861V4	03334	1901-1278	DF04M	02/13	1906-0263
BCX 57/1 V22/hE	03334	1854-1208	BZW50-56B	11708	1902-1523	DF06M	02713	1906-0306
BCY 57/LV2345 BD139	02037	1854-0307 1854-0805	BUS12 BUM12A BUM12A BUM12A BUM22A BUX82 BUZ 15 BUZ110 BUZ11A BYY95-300 BYY95-210 BYY27-100 BYY27-100 BYY27-150 BYY2		1901-1160	DME6553	02865	1900-0062
BD140	03334	1853-0690	B2X84-B13	03334	1902-1374 1902-1548	DME6569 DMF5835A	02865	1900-0030 1900-0061
BD415	02037	1854-1004	BZX84-B18	03334	1902-1549	DMF5848		1906-0294
BD416 BD435	02037		BZX84-B20	03334	1902-1550	DMJ4705 SELECTED	02865	1900-0031
BF258			BZX84-B24 BZX84-B2V7	03334		DMJ4708 DMJ4768	02865	1906-0279
BF511	03334	1855-0807	BZX84-B30	03334		DN2094	02883	1900-0059 1855-0659
BF569 BF980	03334		BZX84-B4V3 BZX84-B75	03334	1902-1562	DPAD 100	02883	1906-0100
BFQ-32	03334		BZX84-C12			DPAD1		1906-0282
BFQ19	03334	1854-1054	BZX84-C15	03334	1902-1572	DPAD10 DSG 6474-44		1906-0325 1900-0032
BFQ23C BFQ34	05946	1853-0672	BZX84-C24	03334	1902-1564	DSR3700X	04507	1901-1116
BFQ51	03334		BZX84-C2V4 BZX84-C3V9			DSR3800X	04507	1901-1115
BFQ65	03334	1854-1234	BZX84-C43	03334	1902-1590	DSR5500X DT790107A		1901-0893 1902-0692
BFR 36 BFR90	06592	1854-0868	BZX84-C4V7	03334	1902-1565	DTS-802	10674	1854-0705
BFR90	11021		BZX84-C68 BZX84C10	03334		DTS413	05840	1854-0086
BFR91	03334	1854-0632	3ZX84C11	05942		DZ70302N E107		1902-0570 1855-0280
BFR91A BFR02		1854-1050	BZX84C3V3	03334	1902-1541	E111	02883	1855-0206
BFR92 BFR92(SELECTED)	03337 TOORT		32x84c3v6 32x84c5v1	03334	1902-1543	E232	02883	1855-0274
BFR92R	03334	1854-1247	32x84c5v6	10881		ED6240 EGP30B		1901-0591 1901-1147
BFR93 BFR93A	03334	1854-1055	BZX84C6V2	03334	1902-1542	F54011A		1855-0693
₩. N. / J.B.	00151	1854-1217	32X84C6V8	03334	1902-1574	FD777		1901-0179

		Hallsisto	Diode Closs Helei	CIICC	- OLDLO NO.	0 111 1 /14		
JEDEC	Mfr.	HPP/N	JEDEC	Mfr.	HP P/N	JEDEC	Mfr.	HP P/N
FDH-400		1901-0096	IRF520		1855-0461	KBPC-W35-04(SELECTED)		1906-0281
FDH444 FDS01203		1901-1067 1906-0358	1RF521 IRF521	03038	1855-0581 1855-0622	KBPC-W35-06 KBPC108		1906-0305 1906-0356
FDS01501		1901-1261	IRF523		1855-0572	KBPC12-02-W	02713	1906-0272
FDS01503	02237	1906-0334	IRF523	03038	1855-0586	KBPC1202P-1	04504	1906-0043
FDS01505		1906-0359	IRF530	03038	1855-0492	KBPC25005P-11	04504	1901-0525
FDS01703		1906-0387	IRF533	03038	1855-0592	KBPC35-02	04504	1906-0348
FE16F FE6B	02/13	1901-1143 1901-1273	IRF540 IRF540(SEL)	02037	1855-0670 1855-0590	KBPC3506 KBPC602	04504	1906-0389 1906-0349
FEN16CT7	02713	1906-0308	IRF610	03038	1855-0488	KBPC606		1906-0255
FEP16BT	04504	1906-0357	TRF612	03038	1855-0641	KBU4G	02713	1906-0201
FEP16GT-3	02713	1906-0295	IRF630 IRF640	03038	1855-0504 1855-0524	кви8в	04504	1906-0343
FES8GT	02713	1901-1140	IRF640	03038	1855-0524	L6210 LCE7.0 LL4148	04078	1906-0364
FN2645 FP1047A	02883	1855-0395 1901-1326	IRF740 IRF830	03038	1855-0510	LCEY. O	03287	1901-1210 1901-1162
FSA2509P	02021	1906-0339	IRF9130	03038	1855-0484	LL4733A		1902-1491
FSA2565P	02237	1906-0324	IRF9130 IRF9513	03038	1855-0588	LL\733A LL\740A LL\742A LL\7\42A	04486	1902-1490
FSA2619P	02237	1906-0257	IRF9520	03038	1855-0509	LL4742A		1902-1492
FSA3157P	02237	1906-0074	IRF9521	03038	1855-0587	LL4744A	04486	1902-1489 1902-1488
FSA3237P FT5754M	12010	1906-0315 1858-0115	IRF9530 IRF9531	03036	1855-0493	LL4747A LL5248 LM-394BH		1902-1462
FT5755M	12010	1858-0109	IRF9532	03038	1855-0517	LM-394BH		1854-0826
G6R110H	02158	1901-0739	IRF9532 IRF9220	03038	1855-0726	LM103-2.4 LM103-3.0	03406	1820-0225
GES3416	04550	1854-0978	IRF9Z30	03038	1855-0812	LM103-3.0	03406	1902-1406 1854-0646
GI250-3	02713	1901-0490	IRFAC32 IRFBC42-003	03038	1855-0802	LM114AH LM3018AH	03406	1854-0646 1858-0045
GP10Y GP30B	02713	1901-1260 1901-1135	IRFBE20	03038	1855-0777	LM3046M	03406	1858-0123
GX55220A	03287	1854-0869	IRFBE20-003	03038	1855-0781	LM3146M	03406	1858-0145
H1601-1.5	05088	1901-1251	IRFD110	03038	1855-0502	LM394	03406	1854-0830
H1651-12	05088	1901-1197	IRFD110	03038	1855-0518	LM394BW	03406	1854-1199
H2745-9 H617	05088	1901-0974 1901-0768	IRFD113 IRFD120	03038	1855-0520	LS352 LT1839-1	13127	1853-0316 1854-1029
HI3-0302-5	03000	1901-0700	IRFD123	02883	1855-0729	LT5239	04507	1853-0583
HMF-0310-100		1855-0719	IRFD210	03038	1855-0712	LVA 456A	04507	1902-1352
HMF-0620	03799	1855-0714	IRFD420	03038	1855-0551	LVA43A	04507	1902-0906
HP-4	05176	1854-0747	IRFD9020	03038	1855-0832	LVA56A LVA68A	04507	1902-0905
HPND-0001 HPND-4028	02062	1901-1317 1900-0249	IRFD9120 IRFD9120	03030	1855-0522	M100	04507	1902-0907 1855-0427
HSCH-1001	02062	1901-0841	IRFD9123	03038	1855-0567	M2X1282	08852	1900-0223
HSCH-3486	02062	1901-0883	IRFD9210	03038	1855-0711	M2X1527	08852	1900-0232
HSCH-5312	02062	1900-0071	IRFF123	02883	1855-0580	M2X1569	08852	1900-0234
HSCH-5316	02062	1901-1102	IRFF131	03038	1855-0646	M2X1577 M2X1625	08852	1900-0236
HSCH-5330 HSCH-5336 (SELECTED)	02062	1900-0206 1900-0076	IRFF210 IRFF9131	03038	1855-0707	M4X1055	08852	1900-0241 1900-0226
HSCH-5510	02062	1900-0035	IRFP140	03038	1855-0755	M5Q11	02883	1855-0739
HSCH-5512	02062	1900-0070	IRFP150	03038	1855-0631 1855-0510 1855-0510 1855-0518 1855-0509 1855-0508 1855-0517 1855-0726 1855-0786 1855-0786 1855-0786 1855-0781	M5X1365 MA-40035	08852	1855-0739 1900-0247 1900-0041
HSCH-6332	02062	1900-0065	IRFP250	04550	1855-0691 1855-0682 1855-0756 1855-0833	MA-40035	02788	1900-0041
HSCH-9101 HSMP-3830-T30	02062	1900-0251 1900-0096	IRFP450 IRFP9140	03038	1855-0682 1855-0756	MA-4E402L MA-4P203-287	02788	1900-0040
HSMP3800	02062	1900-0096	IRFPF40	03038	1855-0833	MA4E202L	02788	1900-0047 1906-0285 1900-0045
HSMS-0002	02062	1901-1247	IRFR010	03038	1855-0773 1855-0811	MA4P485	02788	1900-0045
HSMS-0003	02062	1900-0240	IRFR020	03038	1855-0811	MA4P550	กวรหม	1000-0201
HSMS-2800	02062	1900-0078	IRFR110 IRFR120	03038	1855-0732 1855-0759 1855-0749	MAD1108P	02037	1906-0344 1906-0312 1854-0712
HSMS-2805 HSMS-2808	02062	1900-0245 1900-0205	IRFR210	03036	1855-0740	MAD130P MAT-01GH	02037	1854-0712
HSMS-2812	02062	1900-0207	IRFR9010	03038	1855-0810 1855-0748 1855-0758 1855-0774	MAT-02EH	02180	1854-1181
HSMS-2813	02062	1900-0220	IRFR9020	03038	1855-0748	MAT-02FH	02180	1854-1109
HSMS-2814 #T31	02062	1900-0239	IRFR9120	03038	1855-0758	MATOLEY	02180	1858-0138
HSMS-2818-#8 HSMS-2822	02062	1900-0221 1900-0217	IRFR9210 IRFZ22	03038	1855-0683	MATO4FP MB106	02180	1858-0110 1906-0369
HSMS-2823	02062	1900-0217	IRFZ40	03038	1855-0694	MB351	12810	1906-0391
HSMS-2825	02062	1900-0202	IRLZ34	03038	1855-0815	MBAV70	02037	1906-03 3 6
HSMS2810	02062	1900-0074	IT110	03714	1855-0406	MBAV74		1906 0335
HSMS2820	02062	1900-0072 1900-0216	IT110 IT120A-T071	03714	1855-0625 1854-0957	MBAV99 MBAW56	02037	1906-0291 1906-0290
HSMS2824 HXTR-2101	02062	1854-0863	IT130-T071	03714	1853-0635	MBAW56	02037	1905-0290
HXTR-3001	02062	1854-1238	IT1700	03714	1855-0098	MBD201	02037	1900-0250
HXTR-3101	02062	1854-0944	IT1750	03714	1855-0535	MBD501		1901-1213
HXTR-3102	02062	1854-1093	IT500 ITS1015(SEL)	03714	1855-0434 1854-0992	MBD5300 MBD5550A		1901-1078 1901-0661
HXTR-3675 HXTR-5002		1854-1033 1854-0825	ITS4066		1855-0442	MBI-101		1901-0760
HXTR-5002		1854-0862	177600	04486	1901-0703	MBR-3535	02037	1901-0860
HXTR-5102	02062	1854-1123	IVN5001ANF	03714	1855-0431	MBR030	02037	1901-1297
HXTR-5104	02062	1854-0878	IVN5201TNF		1855-0489	MBR1060	02037	1901-0986 1906-0276
HXTR-6105	02062	1854-0864	J107 J108	02003	1855-0445 1855-0424	MBR1535CT MBR1540		1905-0276
IC914 ICTE-12	03287	1901-1285 1902-0941	J112	02883	1855-0446	MBR1645		1901-1152
ID101	03714	1906-0268	J175	02883	1855-0574	MBR20045CT	02037	1906-0307
IH401A	03714	1858-0066	J177	02883	1855-0289	MBR2035CT	02037	1906-0286
IN4690	02037	1902-1431	J2472 J270	03):05	1855-0298 1855-0437	MBR2545CT MBR3035CT	02037	1906-0292 1906-0267
IN5365B IR5062	02037 03038	1902-1345 1854-0804	J2976 TR-6	02883	1855-0793	MBR3045PT	02037	1906-0360
IRC530	03038	1855-0735	J304	03406	1855-0425	MBR340	02037	1901-1303
IRF045	03038	1855-0775	J304(SEL)	03406	1855-0554	MBR340P	02037	1901-0877
IRF120	03038	1855-0531	J309	02883	1855-0268 1902-0973	MBR3545	02037	1901-0912
IRF130	03038	1855-0494	JAN TXV 1N825 JAN TXV 2N2222A		1854-0829	MBR745 MBRD320	02037	1901-1173 1901-1257
IRF140 IRF150	02037	1855-0618 1855-0508	JANTX1N750A		1902-0697	MBRD330	02037	1901-1268
IRF250	03038	1855-0562	JANTXV 1N4148-1	02237	1901-1101	MBRD350	02037	1901-1283
IRF431	03038	1855-0454	JANTXV2N3251A	02037	1853-0477	MBRD650CT		1906-0367
IRF440		1855-0536	JPAD20 JTX2907A	02883	1901-1181 1853-0290	MBRL030-T1 MBRS140T3		1901-1204 1901-1332
IRF510 IRF512	03038	1855-0561 1855-0549	KBF06	02713	1906-0233	MC1107P		1906-0229
IRF513		1855-0589	KBL08	04504	1906-0366	MC1411		1858-0089

16 BENCH BRIEFS 1ST QUARTER 1991

		1741131310	Diode Ologa Hele	CHICE	- OLDLC NO.	O HE F/N		
JEDEC	Mfr.	HP P/N	JEDEC	Mfr.	HP P/N	JEDEC	Mfr.	HP P/N
Massish		.0.00						
MC3346D MD1130		1858-0131 1853-0529	MJE2361-T MJE241	02037	1854-0749	MMBF5459	03406	1855-0753
MD1132		1854-1035	MJE243	02037	1854-0808 1854-0794	MMBF5460L MMBFJ175		1855-0828
MD2252	02037	1854-0222	MJE244	02037	1854-0754	MMBFJ176	03406	1855-0731 1855-0746
MD2369A	02037	1854-1016	MJE251	02037	1853-0458	MMBFU310	02037	1855-0681
MD4260 MD6002	02037	1853-0589 1853-0663	MJE253	02037	1853-0447	MMBR4957	02037	1853-0620
MD918A	02037	1854-1010	MJE2801K MJE2801T	02037	1854-0640 1854-0819	MMBR5031		1854-1201
MDA 990-3	02037	1906-0017	MJE2901T	02037	1853-0517	MMBR5179 MMBR536	02037 02037	1854-1083 1853-0705
MDA-104	02037	1906-0094	MJE3302	02037	1853-0547 1854-0886	MMBR571	02037	1854-1246
MDA202G	02037	1906-0096	MJE371K	02037	1853-0369	MMBR901	02037	1854-1108
MDA202G MDA208	02037 02037	1906-0351 1906-0219	MJE371K	02037	1853-0634	MMBR920	02037	1854-1231
MDA2500	02037	1906-0008	MJE371K(SELECTED) MJE5191	02037	1853-0450 1854-0682	MMBR931 MMBT2222A		1854-1027
MDA2502	02037	1906-0007	MJE5192		1854-0654	MMBT2369	02037 02037	
MDA2504	02037	1906-0222	MJE5195	02037	1853-0372	MMBT2907A	02037	1853-0525
MDA2506 MDA2506	02037 02037	1906-0016 1906-0224	MJE521K		1854-0653	MMBT3640	02037	1853-0706
MDA3500	02037	1906-0221	MJE521K MJE5657	02037	1854-1127 1854-0736	MMBT3904 MMBT3906	02037	1854-1037
MDA3501	02037	1906-0093	MJE5740	02037	1854-1204	MMBT4124T1	02037 02037	1853-0567 1854-1138
MDA3502		1906-0266	MJE5850	02037	1853-0584	MMBT4126	02037	1853-0645
MDA3504 MDA3506		1906-0212 1906-0217	MJE5852	02037	1853-0657	MMBT4260	02037	1853-0637
MDA920A5		1901-0365	MJE6043 MJE700	02037	1854-0879	MMBT4401 MMBT4403		1854-1188
MDA922-3		1906-0028	MJE701	02037	1853-0347 1853-0364	MMBT5087	02037	1853-0580 1853-0568
MDA922-6		1906-0027	MJE800	02037	1854-0581	MMBT5088T1	02037	1854-1137
MDA970A2 MDA970A2		1901-0638	MJE800	02037	1854-0633	MMBT5401	02037	1853-0581
MDA980-3	02037	1906-0258 1906-0032	MJE802 MJE8501		1854-0626	MMBT5550	02037	1854-1052
MDA980-6	02037	1906-0049	MJH16010A	02037	1854-1223 1854-1219	MMBT5551L MMBT6429	02037	1854-1248 1854-1014
MDA990-2	02037	1906-0058 1853-0539	MJH16012	02037	1854-1222	MMBT918	02037 02037	
MDS60	02037	1853-0539	MLL4003T1	02037	1901-1161	MMBTA06	02037	1854-1200
MFE3004 MFE930	02037	1855-0272 1855-0754	MLL5221	02037	1902-1441	MMBTA55	02037	1853-0566
MFQ960C	02037	1855-0651	MLL5223 MLL5225	02037	1902-1442 1902-1443	MMBTA56 MMBTH10	02037	1853-0684
MFR961	02037	1854-0980	MLL5226	02037	1902-1444	MMBTH24	02037 02037	1854-1148 1854-1102
MHQ2221	02037	1858-0009	MLL5227	02037	1902-1445	MMETH81	02037	1853-0516
MHQ918 MJ10006	02037	1858-0094 1854-0948	MLL5228	02037	1902-1446	MMBV3401	02037	1901-1180
MJ11012	02037	1854-0845	MLL5229 MLL5230	02037	1902-1447 1902-1448	MMBV3401	02037	1901-1192
M T1 1 01 E		4055	MLL5231	02037	1902-1449	MMBZ5230 MMBZ5231	02037 02037	1902-1524 1902-1501
MJ11016	02037	1854-0887	MLL5232	02037	1902-1450	MMBZ5232B	02037	1902-1436
MJ11021 MJ12003	02037	1853-0524 1851-0013	MLL5234		1902-1451	MMBZ5232B	02037	1902-1555
MJ12004	02037	1854-0964	MLL5235 MLL5236		1902-1452	MMBZ5234B	02037	1902-1567
MJ12005	02037	1854-0969	MLL5237		1902-1453 1902-1454	MMBZ5237BT1 MMBZ5241B	02037 02037	1902-1559 1902-1437
MJ12005(SELECTED)	02037	1854-0501 1854-0887 1853-0524 1854-0941 1854-0969 1854-0969	MLL5239B		1902-1455	MMBZ5257B	02037	1902-1535
MJ12010 MJ13091	02037	1854-0906 1854-1060	MLL5240	02037	1902-1456	MMCS2369	02037	1854-0752
MJ14000	02031	1854-1056	MLL5241 MLL5242	02037	1902-1457	MMD7000	02037	1906-0026
MJ15003	02037	1854-0989	MLL5243	02037	1902-1458	MMD830-E20 MMD830-E20 SELECTED	08852	1900-0050
MJ16002 (SELECTED)	02037	1854-0984	MLL5245	02037	1902-1459 1902-1460	MMPQ-3906	00052	1900-0080 1858-0114
MJ16012 MJ16018	02037	1854-1015	MLL5246	02037	1902-1461	MMPQ2222A	02037	1858-0112
MJ2500	02037	1854-1071 1853-0387	MLL5250	02037	1902-1463	MMPQ2369	02037	1858-0143
MJ3000	02037	1854-0618	MLL5251 MLL5252	02037	1902-1464 1 902-1465	MMPQ2907A	02037	1858-0113
MJ3772	02037	1854-0589	MLL5254	02037	1902-1466	MMPQ3799 MMPQ3904	02037 02037	1858-0122 1858-0120
MJ4035 MJ4645		1854-0707 1853-0348	MLL5256	02037	1902-1467	MMPQ6001 MMPQ6700	02037	1858-0129
MJ6503		1853-0713	MLL5257 MLL5258		1902-1468	MMPQ6700	02037	1858-0139
MJ8505		1854-0965	MLL5259	02037	1902-1469 1902-1470	MMT3960A MF312-78-69	02037	1854-0587
MJD112		1854-1190	MLL5260	02037	1902-1471	MP318-52-62	07050 07050	1854-1046 1854-0753
MJD117 MJD122		1853-0643	MLL5261	02037	1902-1472	MP833-1004	07050	1855-0515
MJD127	02037	1854-1215 1853-0697	MLL5262 MLL5263	02037	1902-1473	MPD200	01973	1901-0866
MJD350		1853-0701	MLL5265	02037	1902-1474 1902-1475	MPD400 MPF6660	01973	1901-1034
MJD42C		1853-0704	MLL5266	02037	1902-1476	MPF960	02037 02037	1855-0675 1855-0594
МЈДЦН11 МЈДЦН11-1		1854-1173 1854-1236	MLL5267	02037	1902-1477	MPN3401	02037	1901-0844
MJD45H11		1853-0655	MLL5268 MLL5270		1902-1478	MPN3404 RLRA	02037	1901-1298
MJD45H11-1	02037	1853-0711	MM3007	02037	1902-1479 1854-1255	MPN3500 MPQ2222P	02037	1901-0975 1858-0077
мло47		1854-1172	мм3904		1854-0883	MPQ2369		1858-0055
MJE 210 MJE 2370		1853-0398	MM3906		1853-0276	MPQ2369		1858-0100
MJE 253		1853-0394 1853-0417	MM4018 MM4032	02037	1853-0440	MPQ2484	02037	1858-0091
MJE-13009		1854-0827	MM4645	02037	1853-0489 1853-0308	MPQ2906 MPQ2907P	02037	1858-0010
MJE1090	02037	1853-0334	MM5262	02037	1854-0802	MPQ3546		1858-0076 1858-0075
MJE1091 MJE12007		1853-0332	MM8001	02037	1854-0580	MPQ3725	02037	1858-0034
MJE13003		1854-0847 1854-0996	MM8006 MMAD1107		1854-0540	MPQ3762	02037	1858-0062
MJE13005	02037	1854-1134	MMAD1109	02037	1906-0375 1906-0382	MPQ3798 MPQ3799		1858-0071
MJE15030		1854-0920	MMAD130	02037	1906-0378	MPQ3799-2		1858-0092 1858-0111
MJE15030 MJE15031	02037	1854-1161 1853-0652	MMBC1321Q5	02037	1854-1020	MPQ3904		1858-0087
MJE1661		1854-0768	MMBD101L MMBD352		1900-0037	MPQ3906	02037	1858-0058
MJE170	02037	1853-0436	MMBD501		1900-0039 1901-1343	MPQ6002		1858-0090
MJE172	02037	1853-0341	MMBD6050			MPQ6100 MPQ6426		1858-0074 1858-0102
MJE180 MJE182		1854-0659	MMBD7000	02037	1906-0298	MPQ6700		1858-0086
MJE200	02037	1854-0585 1854-0739	MMBD914XT1 MMBF4391		1901-1228	MPQ6842	02037	1820-1804
MJE2100	02037	1854-0701	MMBF 4391			MPQ7041		1858-0107
MJE2102	02037	1854-0647	MMBF4393	02037		MPQ7051 MPQ7091		1858-0106 1858-0088
MJE220 MJE223		1854-0735	MMBF4393(SEL)	02037	1855-0695	MPS 6523		1853-0043
MJE223 MJE233		1854-0692 1853-0367	MMBF4416 MMBF4416L		1855-0799	MPS A12	02037	1854-0560
				02031	1855-0480	MPS A18	02037	1854-0691

		Transistor	Diode Cross Helers		02020 110.			
JEDEC	Mfr.	HP P/N	JEDEC	Mfr.	HP P/N	JEDEC	Mfr.	HP P/N
02020								
MPS U-10		1854-0764	MR826		1901-1256	MURS140T3		1901-1335
MPS U-60 MPS-404A	02037	1853-0423	MR850		1901-0789 1901-0692	MX-2844 MX-2860		1900-0082 1900-0084
MPS-404A MPS-A14	02037	1853-0217 1854-0472	MR852 MR854	02037	1901-0092	MX1098		1901-0977
MPS-A14	02037	1854-0977	MR856	02037	1901-1087	MX1735	08852	1900-0048
MPS-A17	02037	1854-0642	MR862R	02037	1901-1122	MX3141		1900-0095
MPS-A18	02037	1854-0583	MR881R	02037	1901-1035	MX3785	08852	1900-0203 1900-0207
MPS-A42 MPS-A64	02037	1854-0575 1853-0416	MRF0211 MRF5211	02037	1854-1221 1853-0689	MX3993 MXR5583	02037	1853-0610
MPS-A70		1853-0395	MRF531(SEL)	02037	1854-1168	MXR5943	02037	1854-1100
MPS-H17	02037	1854-0628	MRF544	02037	1854-1114	MXT2222A	02037	1854-1094
MPS-U01	02037	1854-0634	MRF545	02037	1853-0625	MXT2907A	02037	1853-0609
MPS-U02	02037	1854-0514	MRF5583	02037	1853-0718	MXT3904 MXT3906	02037	1854-1101 1853-0613
MPS-U02 MPS-U05	02037	1854-0836 1854-0817	MRF571(SEL) MRF5711L	02037	1854-1042 1854-1125	MZ2361		1901-1196
MPS-U07	02037	1854-0877	MRF580A	02037	1854-1143	MZ5556	02037	1902-0916
MPS-U45	02037	1854-0798	MRF581	02037	1854-1022	MZC10A5	02037	1902-1547
MPS-U51	02037	1853-0326	MRF581	02037	1854-1032	MZC12A5	02037	1902- 1586 1902- 1480
MPS-U52 MPS-U55	02037	1853-0476 1853-0353	MRF581 (MOD) MRF581A	02037	1854-1184 1854-1225	MZC4.7A10 MZC5.6B2		1902-0990
MPS-U95	02037	1853-0449	MRF586	02037	1854-1175	MZC6.2A5	02037	1902-1581
MPS2222	02037	1854-1227	MRF587	02037	1854-1047	MZT4554B	02037	1902-1505
MPS2369		1854-0979	MRF5943	02037	1854-1253	ND946	04200	1906-0092 1854-1008
MPS2907A	02037	1853-0626 1853-0244	MRF604	02037	1854-1159	NE-41635 NE02133L		1854-1006
MPS3640 MPS3643	02037	1854-0492	MRF630 MRF839	02037	1854-0990 1854-1228	NE02135		1854-0946
MPS3646	02037	1854-0094	MRF870	02037	1854-1149	NE21935	00039	1854-1009
MPS3646	02037	1854-1141	MRF904	02037	1854-0890	NE21935		1854-1044
MPS3866	02037	1854-1252	MRF911	02037	1854-1178	NE64535		1854-1002 1854-1111
MPS4250A MPS4356	02037	1853-0587 1853-0488	MRF9411 MRF962	02037	1854-1226 1854-1092	NE68135 NE710-00 20-50MA		1855-0795
MPS5179	02037	1854-0981	MRF965	02037	1854-1107	NE71000	00039	1855-0569
MPS571	02037	1854-1142	MRFC515	02037	1854-0849	NE71084-06	00039	1855-06 36
MPS6531		1854-0730	MSD 6150	02037	1906-0042	NE71084-08		1855-0770
MPS6534	02037	1853-0536	MSD6101	02037	1901-0358	NE720-00 (SELECTED) NE72084	00039	1855-0794 1855-0769
MPS6543 MPS6543 SELECTED	02037	1854-1140 1854-0296	MSD6101 MSD6150	02037	1906-0388 1901-0538	NE73416D	00039	1854-1066
MPS6562	02037	1853-0318	MSS-30,254-B20	08852	1900-0075	NE800199		1855-0637
MPS8098	02037	1854-0973	MSS-40,155-E20	08852	1900-0054	NE85633	00039	1854-1089
MPS834		1854-0866	MSS-40,455-B40	08852	1900-0211	NE90115		1853-0578
MPSA18RLRA1	02037	1854-1179 1854-1202	MSS40,141-B10 SELECTED MSS50-248-B20	08852	1900-0085	NEL2301-53		1854-1170 1901-0663
MPSA27 MPSA44RLRA1		1854-1167	MTD10N05E	02037	1900-0227 1855-1260	NS3000 NS65098		1853-0218
MPSA55		1853-0608	MTD10N05E-1	02037	1855-0782	NSID5292SF52064		1855-0053
MPSA64-5	0203 7	1853-0716	MTD2955	02037	1855-0801	NSR8142	02537	1906-0227
MPSA65		1853-0412	MTD3055EL	02037	1855-0800	P6KE18A		1901-1327
MPSA76	02037		MTD4P05-1 MTD4P06-1	02037	1855-0778 1855-0784	P6KE7.5CA PAD5		1901-1304 1901-0842
MPSA92 MPSH10	02037 02037		MTD5N05-1	02037	1855-0776	PD60		1906-0372
MPSH10	02037	1854-0993	MTH13N50	02037	1855-0787	PF5101(SELECTED)	03406	1855-0529
MPSH10	02037	1854-1139	MTH25P06	02037	1855-0804	PIC900C		1858-0095
MPSH54	02037		MTH8N60	02037	1855-0767	PK10		1906-0203
MPSH81 MPSH81	02037 02037		MTM10N10 SELECTED MTM10N15	02037	1855-0490 1855-0495	PMLL5231B PN3563-5	03334	1902-1587 1854-0092
MPSW01	02037		MTM12N06	02037	1855-0593	PN4250		1853-0664
MPSW06	02037	1854-0997	MTM15N50	02037	1855-0478	PN4250-18	02237	1853-0641
MPSW51	02037		MTM2N50	02037	1855-0814	PN4888-5 PU4220	03406 08709	1853-0456 1858-0117
MPSW55	02037 02037		MTM2P50 MTM3N35	02037	1855-0527 1855-0705	PXT4401	03334	1854-1218
MPSW56 MPTE-15	03287		MTM60N06	02037	1855-0697	PXT4403	03334	1853-0699
MPTE-15C	03287	1901-1209	MTP10N15L	02037	1855-0783	QPND-4313		1901-1176
MR1-1400	02037		MTP10N25		1855-0673	QPND-4414		1901-0947
MR1033A	02037 02037		MTP12N06 MTP12N20		1855-0542 1855-0563	QPND-4711 QPND-4746		1901-0776 1901-0826
MR1035A MR1120	02037		MTP12P05		1855-0763	QPND-4965		1901-0777
MR1121	02037	1901-0496	MTP15N05E	02037	1855-0660	QSCH-3825		1901-1194
MR1121R	02037		MTP1N100		1855-0664	QSCH-5362 QSCH-5872		1900-0235 1900-0077
MR1122	02037		MTP20P06 MTP2N90		1855-0818 1855-0497	QSCH-5872		1900-0077
MR1123 MR1123R	02037 02037		MTP3055E	02037	1855-0725	QSCH1186		1901-0895
MR1124	02037		MTP3055EL	02037	1855-0831	QSCH1187		1901-0996
MR1125	02037	1901-0500	MTP3N60		1855-0608	QSMS-0038		1900-0213
MR1126	02037		MTP4N50	02037	1855-0607	QSRD-4652 QSRD-4653		1901-0457 1901-0189
MR1128 MR2004S	02037 02037		MTP5N40 MUR105	02031	1855-0606 1901-1129	QSRD-4728		1901-0802
MR2004S MR2004SR	02037		MUR1100E	02037	1901-1318	QXTR-6999	02062	1854-0861
MR2400	02037		MUR115	02037	1901-0970	QXTR-7037		1854-1189
MR2401	02037		MUR120RL	02037	1901-1306	R3270 R3710		1901-0325 1901-0729
MR2406	02037 02037		MUR140 MUR1510	02037	1901-1244 1901-1189	R711XE		1906-0242
MR2406F MR501	02037		MUR1560	02037	1901-1302	R712	05088	1906-0231
MR502	02037	1901-0870	MUR160	02037	1901-1214	R712A		1906-0236
MR504		1901-1000	MUR1620CT	02037	1906-0321	R712E		1906-0088 1906-0271
MR508		1901-0889	MUR1620CT OPTION TO220-C	02037	1906-0338 1906-0373	R712X R754		1906-0067
MR510 MR751		1901-0839 1901-0662	MUR1640CT MUR3020PT	02037	1906-0373	RC60		1901-0896
MR752		1901-0788	MUR410	02037	1901-1239	RCA9212A	01921	1855-0512
MR754	02037	1901-0767	MUR4100	02037	1901-1233	RCP-703C		1854-0639
MR754		1901-0781	MUR415		1901-1216	RDF06M RFL1N08L		1906-0362 1855-0595
MR756		1901-0787 1901-1188	MUR460 MUR860		1901-1199 1901-1130	RFL1N08L		1855-0619
MR758 MR818		1901-1100	MUR880E		1901-1300	RFM10N12	01921	1855-0672
MR820	02037	1901-1086	MURC115	02037	1901-1169	PFP10N12		1855-0565
MR822RL	02037	1901-0685	MURD610CT	02037	1906-0352	RFP10N15	01921	1855-0676

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JEDEC	Mfr. HPP/N	15050	Helerence - JEDEC	NO. TO HP P/N	
		JEDEC	Mfr. HPP/N	JEDEC	Mfr. HPP/N
RFP10P15 RFP12N08	01921 1855-0674	SSM-2210S	02180 1854-1251	ITTOO COS	
RFP15N05L	01921 1855-0677 01921 1855-0629	SST177	02883 1855-0733	UES2605 UES 601R	00046 1906-0277
RFP2N08L	01921 1855-0678	SST215 SST5461	02883 1855-0825	UES803	00046 1901-0953 00046 1901-1127
RFP2N08L-6261	03799 1855-0821	SST5912	02883 1855-0785 02883 1855-0823	UES803R	00046 1901-1127 00046 1901-0961
RFP2N12L RFP4N06L	01921 1855-0665	SSTPAD200	02883 1901-1266	UES803 UES803R UES804 UF4004	00046 1901-0904
RFP5P12	01921 1855-0708 01921 1855-0623	ST3011	06632 1854-0690	0F 4004	02713 1901-1149
RFP6P08	01921 1855-0621	STB523-A STB567	01973 1901-0460	UF 4007 UF 5406 ULN-2003A ULN-2003A(SEL)	04504 1901-1313 04504 1901-1274
RFP8P08 RGL41D	01921 1855-0617	SX43	00046 1901-0701 02664 1902-1385	ULN-2003A	
RGP-10M	04504 1901-1281 02713 1901-0847	SZ0035-3RL	02037 1902-0945	ULN-2003A(SEL) ULN-2004A	04200 1858-0047 04200 1858-0061 04200 1858-0061 04200 1858-0067 04200 1858-0124 04200 1858-0082 04200 1858-0082
RGP15-15	02713 1901-0847	SZ11213-48 SZ2628RL	02037 1902-0517	ULN-2023A	04200 1858-0061
RGP15M RHC10-12	02713 1901-0997	SZ30016-0176	02037 1902-1593 02037 1902-0173	ULN-2033A	04200 1858-0067
RKBPC35-04	05131 1901-1309	SZ30035-18RL SZG30590 T1D778	02037 1902-0173	ULN-2062M ULN-2803A	04200 1858-0124
RP1000B	04504 1906-0383 05131 1901-0763	SZG30590	02037 1902-05Rh	ULN-2804A	04200 1858-0069
RPR4-D-10	04504 1901-1311	T1P-33	00046 1901-0979	ULN-2804A	04200 1858-0084
RUR810 RUR810	01921 1901-0987	T1P-33 T1P140	01698 1854-0594 01698 1854-0663	ULN-2805A	04200 1858-0073 04200 1858-0072
RUR810	01921 1901-1113 03799 1901-1314	TG-10	05088 1901-0995	ULN-2813A ULN-2815A-2	04200 1858-0072
RW04M	04504 1906-0076	TID130 TIP 115	01698 1906-0202		04200 1858-0065 02910 1858-0104
S10925 S17843	02526 1901-1154	TIP 141	01698 1853-0377 01698 1854-0763	ULN2003D ULN2003L ULN2082A ULQ-2823A ULQ2804A UPAL02G UPAL03G UPAL04G USD 745C USD4545C USD4546	04200 1858-0147
S2F	02237 1854-0022 02664 1901-0646	TIP-122	02037 1854-0828	ULN2082A III.O-2822A	04200 1858-0037
S32248	02237 1853-0058	TIP-126 TIP-127	01698 1853-0424	ULQ2804A	04200 1858-0121
53710 54F	02688 1901-0730	TIP-34	02037 1853-0468 01698 1853-0350	UPA102G	00039 1858-0126
SA100CA	02664 1901-0669	TIP-35A	01608 1851 0500	UPA103G	00039 1858-0136
SA11A	03287 1902-1522 03287 1902-1534	TIP-41 TIP100	01698 1854-0625	USD 745C	00039 1858-0125
SA12	03287 1901-1338	TIP100 TIP102	02037 1854-0840	USD4545C	04200 1858-0121 04200 1858-0108 00039 1858-0126 00039 1858-0125 00046 1906-0265 00046 1906-0386 00046 1901-1218
SA13A SA13C	03287 1901-1288	TIP105	01698 1854-0970 02037 1853-0463		00046 1901-1218
SA15A	02037 1901-1282 02037 1901-1328	TIP106	01698 1853-0454	USD945 V334X	00046 1901-1156 05088 1901-0848 05088 1901-0882
SA5.0A	03287 1901-1328	TIP107 TIP110	02037 1853-0490	V336X	05088 1901-0848
SA617 SAB 10	01979 1850-0156	TIP110 TIP112	01698 1854-0670	VB10X	05088 1001-1105
SB160	03287 1901-1963	TIP122	02037 1854-1023 02037 1854-1128	VCR2N	02883 1855-0265 02883 1855-0205
SB1660	02713 1901-1165 02713 1906-0300	TIP140	01698 1854-0700	VCR3P VE48	02883 1855-0205
SB560	02713 1901-1163	TIP140 TIP142	02037 1854-0880	VG-2X	05088 1906-0006 05088 1901-0845
SCAJ1 SCAJ4	02664 1901-0526	TIP145	02037 1854-0985 02037 1853-0498	VH-448X	12928 1906-0077
SCBA2F	02664 1906-0055 02664 1906-0072	TIP147	02037 1853-0694	VH148 VHE1404	05088 1906-0052
SCDA2	02664 1906-0040	TIP31F TIP32C	02037 1853-0694 01698 1854-1169	VHE2402A	05088 1901-1157 05088 1906-0270
SCPA05F SCPA2	02664 1906-0071	TIP32F	03406 1853-0537 01698 1853-0654	VHE2404	05088 1906-0301
SD-241	02664 1906-0039 01691 1906-0239	TIP35C	02037 1854-1233	VHE550 VJ148x	12028 1001-1215
SD-41	01691 1908-0239	TIP36A TIP36C	02037 1854-1233 01698 1853-0453	VJ448X	05088 1906-0079 12928 1906-0078
SD103C SD210DE	04486 1901-0999	TIP41A	02037 1853-0709 01698 1854-0456	VJ848 VJ848TT	05088 1906-0309
SD211DE (SELECTED)	02883 1855-0647	TIP41C	02037 1854-0799	VJ848TT VK248	05088 1906-0085
SD213	09283 1855-0215 09283 1855-0440	TIP41C(SELECTED) TIP42	02037 1854-0967 01698 1853-0356	VKP 248	05088 1906-0205 05088 1906-0264
SD214	02910 1855-0269	TIP42 TIP42A	01698 1853-0356	VL447	05088 1906-0216
SD214DE SD215	02883 1855-0723	TIP42A	01698 1853-0234 01698 1853-0509	VM28X VMP-1	05088 1906-0289 02883 1855-0263 07221 1855-0546
SD2608 (SELECTED)	02910 1855-0241 02037 1854-0357	TIP42C	02037 1853-0431	VN0104N3	02883 1855-0263
SD306(SEL)	02037 1854-0357 09283 1855-0557 02688 1901-0792	TIP47 TIP50	02037 1854-0838	VN0106N6	07221 1855-0546
SD41 SD4753 (SELECTFD)	02688 1901-0792	TIP51	02037 1854-1069 01698 1854-0806	VN0300L	02883 1855-0555
SE5055	02037 1853-0083	T1P642	01698 1854-0982	VN0300M VN0300M	02883 1855-0525
SES5603CR	02237 1854-0388 00046 1906-0259	TIP647 TIP75B	01698 1853-0543	VN0610L	02883 1855-0582 02883 1855-0684
SFE793 SFR0	02037 1855-0020	TIPL753A	01698 1854-0803 01698 1854-0960	VN0808M	02883 1855-0751
SG3821N	02664 1901-0998 03793 1858-0022	TIPP115	01698 1853-0668	VN10KE VN10KM	02883 1855-0545
SGS126	06338 1853-0642	TIR101B TIR201B	01698 1906-0213	VN10LE	02883 1855-0545 02883 1855-0423 02883 1855-0560 07221 1855-0760
SGSIF444 SH6501PC	06338 1854-1158	TIS-149	01698 1906-0214 01698 1853-0464	VN1204N2	07221 1855-0760
SJ7076	02237 1821-0006 02037 1850-0068	TMPD4150	04200 1901-1252	VN2222L	02003 1033-U556
SL2364c	02037 1854-0968 01590 1858-0101	TN4030 TND907	03406 1853-0551	VN2222LL VN66AD	02883 1855-0598 02883 1855-0724
SL360G SMBG6.5C	01590 1854-1196	TND908	04200 1906-0381	Vn66afd	02883 1855-0275
SMBJ13CA	03287 1901-1312 03287 1901-1275	TP0610T	04200 1906-0275 02883 1855-0798	VP0300L(SEL) VP0300L(SEL)	02883 1855-0550
SMBJ15C	03287 1901-1275	TPQ5551	04200 1858-0128	VPO300M	02883 1855-0686
SMBJ22A SMBJ5.0A	03287 1901-1341	TPQ6002 TPQA56	04200 1858-0083	VP1008B	02883 1855-0526 02883 1855-0722
SMBJ6.0	03287 1901-1276 03287 1901-1322	U1897E	04200 1858-0127 03406 1855-0436	VP1204N2	02883 1855-0722 07221 1855-0649 02883 1855-0591
SMCJ12.0	03287 1901-1329	U310	02883 1855-0530	VQ1000J VQ1001J	02883 1855-0591
SMCJ15A	03287 1901-1334	U310(SELECTED) U311	02037 1855-0235	VQ1001P	02883 1858-0116 02883 1855-0585
SMCJ15C SMCJ43CA	03287 1901-1265	U401	02883 1855-0519 02883 1855-0635	VQ1006P	02883 1855-0620
SMCJ5.0	03287 1901-1346 03287 1901-1295	U431	02883 1855-0788	VQ2001P VQ3001J	02883 1855-0650
SMFR30K	02664 1901-0878	ՄԱԿՕ ՄԱԿ3	02883 1855-0573	VSK12	02883 1858-0130 05088 1906-0263
SMTD-636 SN74S1050D	01352 1912-0018	UDN2580A	02883 1855-0639 04200 1858-0085	VSK231	05088 1906-0278
SN74S1053D	01698 1906-0384 01698 1906-0385	UES 2402	00046 1906-0262	VSK3040T VSK530	05088 1906-0238
SPF819-2	02037 1855-0747	UES-1106 UES1105	09914 1901-1106	VSK540	05088 1901-1220 05088 1901-0976
SPF938 SPQ1678	02037 1855-0687	UES1303	09914 1901-1110 09914 1901-1111	VSK71	05088 1901-0960
SPQ526K	02037 1858-0052 02037 1858-0008	UES1305	09914 1901-1111	VX30 W02M	00046 1901-0984
SPS 233	02037 1854-0246	UES1306 UES2602R	09914 1901-1109	X44VH570	02713 1906-0256 03799 1854-0873
SPS 3627	02037 1854-0270	UES2603	00046 1906-0254 00046 1906-0304	X45H281	04550 1853-0363
			2900-0304		

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