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Manufacturer P/N	Manufacturer	CEL/NEC's Closest Replacement	Comments
2N4184	Philips	NE85632	
2N6604	Motorola	NE73435	
2SA1977	NEC	NE97733	Exact Replacement
2SA1978	NEC	NE97833	Exact Replacement
2SC2148	NEC	NE73435	Exact Replacement
2SC2149	NEC	NE02135	Exact Replacement
2SC2351	NEC	NE02133	Exact Replacement
2SC2759	NEC	NE73433	Exact Replacement
2SC3355	NEC	NE85632	Exact Replacement
2SC3356	NEC	NE85633	Exact Replacement
2SC3357	NEC	NE85634	Exact Replacement
2SC3545	NEC	NE94433	Exact Replacement
2SC3583	NEC	NE68133	Exact Replacement
2SC3585	NEC	NE68033	Exact Replacement
2SC3587	NEC	NE68035	Exact Replacement
2SC3603	NEC	NE85635	Exact Replacement
2SC3604	NEC	NE68135	Exact Replacement
2SC3606	Toshiba	NE85633	
2SC3609	Toshiba	NE85639	
2SC3904	Matsushita	NE68133	
2SC4092	NEC	NE02139	Exact Replacement
2SC4093	NEC	NE85639	Exact Replacement
2SC4094	NEC	NE68139	Exact Replacement
2SC4095	NEC	NE68039	Exact Replacement
2SC4184	NEC	NE94430	Exact Replacement
2SC4185	NEC	NE73430	Exact Replacement
2SC4225	NEC	NE02130	Exact Replacement
2SC4226	NEC	NE85630	Exact Replacement
2SC4227	NEC	NE68130	Exact Replacement
2SC4228	NEC	NE68030	Exact Replacement
2SC4315	Toshiba	NE85639	
2SC4317	Toshiba	NE68830	
2SC4320	Toshiba	NE68839	
2SC4321	Toshiba	NE68830	
2SC4322	Toshiba	NE68033	
2SC4324	Toshiba	NE68039	
2SC4325	Toshiba	NE68830	
2SC4394	Toshiba	NE85630	
2SC4470	Toshiba	NE85633	
2SC4515	Matsushita	NE85639/NE94433/NE94430	
2SC4536	NEC	NE46134	Exact Replacement
2SC4784	Hitachi	NE68030	
2SC4791	Hitachi	NE68039	
2SC4805	Matsushita	NE68130	
2SC4835	Matsushita	NE68130	
2SC4839	Toshiba	NE85619	
2SC4840	Toshiba	NE69919	
2SC4841	Toshiba	NE68019	
2SC4842	Toshiba	NE85618	
2SC4843	Toshiba	NE68818	
2SC4844	Toshiba	NE68018	
2SC4863	Sanyo	NE85630	
2SC4864	Sanyo	NE85633	

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2SC4865	Sanyo	NE85639	
2SC4871	Sanyo	NE68030	
2SC4872	Sanyo	NE68033	
2SC4873	Sanyo	NE68039	
2SC4930	Sanyo	NE85619	
2SC4955	NEC	NE68533	Exact Replacement
2SC4957	NEC	NE68539	Exact Replacement
2SC4959	NEC	NE68530	Exact Replacement
2SC5004	NEC	NE58219	
2SC5006	NEC	NE85619	Exact Replacement
2SC5007	NEC	NE68119	Exact Replacement
2SC5008	NEC	NE68019	Exact Replacement
2SC5010	NEC	NE68519	Exact Replacement
2SC5011	NEC	NE85618	Exact Replacement
2SC5012	NEC	NE68118	Exact Replacement
2SC5013	NEC	NE68018	Exact Replacement
2SC5015	NEC	NE68518	Exact Replacement
2SC5049	Hitachi	NE68033	
2SC5065	Toshiba	NE85630	
2SC5066	Toshiba	NE85619	
2SC5085	Toshiba	NE85630	
2SC5086	Toshiba	NE85619	
2SC5088	Toshiba	NE85618	
2SC5090	Toshiba	NE68830	
2SC5091	Toshiba	NE68819	
2SC5093	Toshiba	NE68818	
2SC5095	Toshiba	NE68830	
2SC5096	Toshiba	NE68819	
2SC5098	Toshiba	NE68818	
2SC5137	Hitachi	NE68019	
2SC5177	NEC	NE68633	Exact Replacement
2SC5178	NEC	NE68639	Exact Replacement
2SC5179	NEC	NE68630	Exact Replacement
2SC5180	NEC	NE68618	Exact Replacement
2SC5181	NEC	NE68619	Exact Replacement
2SC5182	NEC	NE68733	Exact Replacement
2SC5183	NEC	NE68739	Exact Replacement
2SC5184	NEC	NE68730	Exact Replacement
2SC5185	NEC	NE68718	Exact Replacement
2SC5186	NEC	NE68719	Exact Replacement
2SC5191	NEC	NE68833	Exact Replacement
2SC5192	NEC	NE68839	Exact Replacement
2SC5193	NEC	NE68830	Exact Replacement
2SC5194	NEC	NE68818	Exact Replacement
2SC5195	NEC	NE68819	Exact Replacement
2SC5226	Sanyo	NE85630	
2SC5227	Sanyo	NE85633	
2SC5228	Sanyo	NE85639	
2SC5231	Sanyo	NE85619/NE68119	
2SC5288	NEC	NE68939	Exact Replacement
2SC5289	NEC	NE69039	Exact Replacement
2SC5336	NEC	NE856M02	Exact Replacement
2SC5337	NEC	NE461M02	Exact Replacement

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2SC5369	NEC	NE696M01	Exact Replacement
2SC5408	NEC	NE698M01	Exact Replacement
2SC5409	NEC	NE699M01	Exact Replacement
2SC5432	NEC	NE856M03	Exact Replacement
2SC5433	NEC	NE681M03	Exact Replacement
2SC5434	NEC	NE680M03	Exact Replacement
2SC5435	NEC	NE685M03	Exact Replacement
2SC5436	NEC	NE687M03	Exact Replacement
2SC5437	NEC	NE688M03	Exact Replacement
2SC5507	NEC	NE661M04	Exact Replacement
2SC5508	NEC	NE662M04	Exact Replacement
2SC5509	NEC	NE663M04	Exact Replacement
2SC5614	NEC	NE856M13	
2SC5615	NEC	NE681M13	
2SC5616	NEC	NE688M13	
2SC5617	NEC	NE685M13	
2SC5618	NEC	NE687M13	
2SC5761	NEC	NESG2030M04	
2SC5787	NEC	NE894M13	
2SC5801	NEC	NE851M13	
2SK2331	Toshiba	NE32584A/NE325S01	
2SK2332	Toshiba	NE425S01	
2SK2396	NEC	NEM0899F01-30	Exact Replacement
2SK2496	Toshiba	NE429M01	
2SK2497	Toshiba	NE429M01	
2SK2597	NEC	NEM0995F01-30	Exact Replacement
3SK177	NEC	NE25139	Exact Replacement
3SK206	NEC	NE25339	Exact Replacement
3SK222	NEC	NE92039	Exact Replacement
3SK253	NEC	NE93339	Exact Replacement
AS157-73	Alpha	UPG152TA	Same pkg. / pin out / logic / better specs.!
AS169-73	Alpha	UPG158TB	Small pkg. / same pin out & logic/ Lower P1dB
AS169-73	Alpha	UPG2009TB	Small pkg./ same pin out & logic
AS170-92	Alpha	UPG153TB	Same pkg. / pin out / logic
AS173-73	Alpha	UPG2009TB	Small pkg. / same pin out & logic / better specs.!
AS178-73	Alpha	UPG2009TB	Small pkg. / same pin out & logic / better specs.!
AS179-92	Alpha	UPG158TB	Same pkg. / pin out & logic / Lower P1dB
AS179-92	Alpha	UPG2009TB	Same pkg. and pin out / Reverse logic
AS182-73	Alpha	UPG155TB	Small pkg. / same pin out & logic / High Ins. Loss
AS182-73	Alpha	UPG2009TB	Small pkg. / same pin out & logic / better specs.!
AS183-92	Alpha	UPG2009TB	Same pkg. / pin out / logic / better specs.!
AS185-92	Alpha	UPG2009TB	Same pkg. / pin out / logic / better specs.!
AS188-92	Alpha	UPG2009TB	Same pkg. / pin out / logic / better specs.!
AS191-73	Alpha	UPG2009TB	Small pkg. / same pin out & logic
AT-00500	HP/Avantek	NE68100	
AT-00510	HP/Avantek	NE68135	
AT-00511	HP/Avantek	NE85639R/NE68139R	
AT-00535	HP/Avantek	NE68135	
AT-01600	HP/Avantek	NE46100	
AT-01635	HP/Avantek	NE46134	
AT-01672	HP/Avantek	NE46134	
AT-30511	HP	NE68639R	
AT-30533	HP	NE68633	
AT-32011	HP	NE02139R	Oscillator

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AT-32032	HP	NE68530	
AT-32033	HP	NE02133	
AT-32063	HP	UPA806T/UPA826TC	Pinout slightly different
AT-41400	HP/Avantek	NE68100	
AT-41411	HP	NE68139R/NE68739R	
AT-41435	HP/Avantek	NE68135	
AT-41486	HP/Avantek	NE85633	
AT-41511	HP/Avantek	NE68839R	
AT-41533	HP	NE68833	
AT-42000	HP/Avantek	NE85600/NE68800	
AT-42035	HP/Avantek	NE32484	
AT-42070	HP/Avantek	NE85635	
AT-60111	HP/Avantek	NE68039R	
AT-60211	HP/Avantek	NE68039R	
AT-60500	HP/Avantek	NE68000	
AT-60535	HP/Avantek	NE68035	
AT-60570	HP/Avantek	NE68035	
AT-60586	HP/Avantek	NE68033	
ATF-34143	Agilent	NE722S01	Different pckg. style
ATF-35143	Agilent	NE429M01	Diff. pckg. style (6 pin vs. 4 pin / same body size)
ATF-36077	Agilent	NE32584A / NE325S01	
ATF-36163	Agilent	NE429M01	
ATF-38143	Agilent	NE429M01	Diff. pckg. style (6 pin vs. 4 pin / same body size)
B12V105	Bipolarics	NE68139R	
BF517	Siemens	NE73433	
BF599	Siemens	NE94433	
BF751	Philips	NE85632	
BF770A	Siemens	NE02133	
BF771	Siemens	NE85633	
BF771W	Siemens	NE85630	
BF772	Siemens	NE85639	
BFC505	Philips	UPA811T	Pinout different
BFC520	Philips	UPA812T	Pinout different
BFE505	Philips	UPA806T/UPA808T	Pinout different
BFE520	Philips	UPA814T/UPA812T	Pinout different
BFG197/X	Philips	NE85639R	
BFG21W	Philips	NE664M04	
BFG25A/X	Philips	NE68039R	
BFG33/X	Philips	NE68539R	
BFG35	Philips	NE46134/NE461M02	Pinout slightly different
BFG403W	Philips	NE661M04	
BFG410W	Philips	NE661M04	
BFG425W	Philips	NE662M04	
BFG480W	Philips	NE663M04	
BFG505X	Philips	NE68039R	
BFG520/X	Philips	NE68139R	
BFG520/XR	Philips	NE68139	
BFG540/X	Philips	NE85639R	
BFG540/XR	Philips	NE85639/NE68839	
BFG67R	Philips	NE68139 or NE68539	
BFG67W	Philips	NE68118/NE68518	Pinout slightly different
BFG67W/X	Philips	NE68118/NE68518	Pinout slightly different
BFG67/X	Philips	NE68139R or NE68539R	
BFG67W/XR	Philips	NE68118/NE68518	Pinout slightly different

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BFG92A/X	Philips	NE85639	
BFG93A/X	Philips	NE68039R/NE85639R	
BFM505	Philips	UPA808T	Pinout slightly different
BFM520	Philips	UPA812T/UPA802T	Pinout slightly different
BFP405	Infineon	NE661M04	
BFP420	Infineon	NE662M04	
BFP620	Infineon	NESG2030M04	
BFP180	Siemens	NE68039R	
BFP180W	Siemens	NE68018	
BFP181	Siemens	NE68039R	
BFP181W	Siemens	NE68018	
BFP182	Siemens	NE68039R/NE68139R	
BFP182W	Siemens	NE68018/NE68118	
BFP183	Siemens	NE68139R	
BFP183W	Siemens	NE68118	
BFP193	Siemens	NE85639R	
BFP193W	Siemens	NE85618	
BFP194	Siemens	NE85639R	
BFP196W	Siemens	NE85618	
BFP280	Siemens	NE68039R	
BFP280W	Siemens	NE68018	
BFP405	Siemens	NE661M04	
BFP420	Siemens	NE662M04	
BFP450	Siemens	NE663M04	
BFP520	Philips	NE68135	
BFP81	Siemens	NE85639	
BFP82	Siemens	NE68039R	
BFP91A	Philips	NE68135	
BFP93A	Siemens	NE85639R	
BFQ19S	Siemens	NE85634	
BFQ193	Siemens	NE85634	
BFQ23C	Philips	NE97833	
BFQ24	Philips	NE97833	
BFQ33C	Philips	NE68533/NE68035	
BFQ66	Philips	NE68135	
BFQ67	Philips	NE68133	
BFQ81	Siemens	NE85633	
BFR106	Siemens	NE85633	
BFR180	Siemens	NE68033	
BFR180W	Siemens	NE68030	
BFR181	Siemens	NE68033	
BFR181W	Siemens	NE68030	
BFR182	Siemens	NE68033	
BFR182W	Siemens	NE68030	
BFR183	Siemens	NE68133	
BFR183W	Siemens	NE68130	
BFR193	Siemens	NE85633	
BFR193W	Siemens	NE85630	
BFR194	Siemens	NE85633	
BFR280	Siemens	NE68033	
BFR280W	Siemens	NE68030	
BFR35AP	Siemens	NE68033/NE68133/NE85633	
BFR92ALT1	Motorola	NE02133	
BFR92P	Siemens	NE02133	

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BFR92W	Siemens	NE02130	
BFR93A	Siemens	NE68133	
BFR93AW	Siemens	NE68130	
BFR520	Philips	NE68133	
BFR53	Philips	NE73433	
BFR540	Philips	NE85633/NE68833	
BFR93A	Philips	NE68033	
BFR96	Motorola	NE46134	
BFS17	Philips	NE73433	
BFS17A	Philips	NE73433	
BFS17P	Siemens	NE73433	
BFS25A	Philips	NE68030	
BFS480	Siemens	UPA807T	Pinout slightly different
BFS481	Siemens	UPA806T/UPA826TC	Pinout slightly different
BFS482	Siemens	UPA800T/UPA811T	Pinout slightly different
BFS483	Siemens	UPA802T/UPA812T	Pinout slightly different
BFS520	Philips	NE68130	
BFS540	Philips	NE85630/NE68830	
BFT25	Philips	NE73433	
BFT92	Siemens	NE02133	
BFT92W	Siemens	NE02130	
BFT93	Siemens	NE02133	
BGA2711/2712	Philips	UPC2711/12TB	
BGA2748	Philips	UPC2748TB/UPC3215TB	
BGA2771	Philips	UPC2771TB	
BGA2776	Philips	UPC2776TB	
BGD904	Philips	MC-7846	
BRF510LN	Bipolarics	NE68039R	
CF 739	Infineon	NE25118	
CFH 120-08	Infineon	NE4210S01	Different package style
CFH 120-10	Infineon	NE4210S01	Different package style
CFH 400	Infineon	NE429M01	Diff. pkg. style (6 pin vs. 4 pin / same body size)
CFH 400	Infineon	NE72218	
CFH 800	Infineon	NE72218	Output power is lower
CFY 30	Infineon	NE722S01	Different package style
CFY 35	Infineon	NE334S01	HJ FET vs. MESFET / Different package style
CGD914	Philips	MC-7847	
CSH210	Infineon	UPG2009TB	Same package / pin out / logic
CSH210P	Infineon	UPG2009TB	Same package / pin out / logic
CSH210R	Infineon	UPG158TB	Input power a little low on UPG158TB
CSH210R	Infineon	UPG154TB	Insertion loss a little high on UPG154TB
FHC40LG	Fujitsu	NE334S01	Better NF and Gain specs.
FHX04LG	Fujitsu	NE425S01	Better NF and Gain specs.
FHX04X	Fujitsu	NE32500	Better NF and Gain specs.
FHX05LG	Fujitsu	NE425S01 or NE33284A	Better NF specs. / NE425S01 has higher gain
FHX05X	Fujitsu	NE32500 or NE33200	Better NF specs. / NE32500 has higher gain
FHX06LG	Fujitsu	NE33284A	Better NF specs. / Gain specs are the same
FHX06X	Fujitsu	NE33200	Better NF specs. / Gain specs are the same
FHX13LG	Fujitsu	NE3210S01	Better NF and Gain specs.
FHX13X	Fujitsu	NE321000	Better NF and Gain specs.
FHX14LG	Fujitsu	NE4210S01	
FHX14X	Fujitsu	NE321000	Better NF and Gain specs.
FHX14X	Fujitsu	NE32500	Better NF specs and gain is .5 dB lower

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FHX35LG	Fujitsu	NE33284A or NE4210S01	Better NF and Gain specs.
FHX35X	Fujitsu	NE33200	Better NF and Gain specs.
FHX45X	Fujitsu	NE321000	Better NF and Gain specs.
FHR02FH	Fujitsu	NE3210S01	Better NF and Gain specs but not a hermetic pckg.
FHR02X	Fujitsu	NE321000	Better NF and Gain specs.
FHR20X	Fujitsu	NE321000	
FLC053WG	Fujitsu	NE850R599A	
FLC091WF	Fujitsu	NE8500199	
FLC103WG	Fujitsu	NE8500199	
FLC161WF	Fujitsu	NE8500295-6	
FLC253MH-6	Fujitsu	NE8500295-6	
FLC253MH-8	Fujitsu	NE8500295-8	
FLC311MG-4	Fujitsu	NE8500295-4	
FLK022WG	Fujitsu	NE960R275A	
FLK052WG	Fujitsu	NE960R575A	
FLL101ME	Fujitsu	NE6510179A	
FLL105MK	Fujitsu	NE6501077	
FLL120MK	Fujitsu	NE6501077	
FLL171ME	Fujitsu	NE6510179A	
FLL200IB-2	Fujitsu	NES2527B-30	
FLL200IB-3	Fujitsu	NES2527B-30	
FLL300IL-3	Fujitsu	NES2527B-30	
FLL3101IQ-3	Fujitsu	NES2527B-30	
FLL351ME	Fujitsu	NE6500496	
FLL55MK	Fujitsu	NE6500496	
FLM2527L-20	Fujitsu	NES2527B-30	
FLU10XM	Fujitsu	NE651R479A	
FLU17XM	Fujitsu	NE6510179A	
FLU35XM	Fujitsu	NE6500379A	
HBFP-0405	HP	NE661M04	
HBFP-0420	HP	NE662M04	
HLNA-5401-TR1	Agilent	No information	
HMC195	Hittite	UPG2009TB	Small pckg. / same pin out & logic / better specs.
HMC197	Hittite	UPG2009TB	Small pckg. / same pin out/ Reverse logic / better specs.
HMC197	Hittite	UPG152TA	Same package / pin out / logic
HMC221	Hittite	UPG2009TB	Small pckg. / same pin out & logic / better specs.
HMC226	Hittite	UPG155TB	Small packg. / same pin out & logic
HMC226	Hittite	UPG2009TB	Small pckg. / same pin out & logic / better specs.
HPMA-0211	HP	UPC2791TB	
HPMA-0285	HP	UPC2792TB	
HPMA-0286	HP	UPC2792TB	
HPMA-0311	HP	UPC2791TB	
HPMA-0335	HP	UPC1678GV	
HPMA-20085	HP	UPC2792TB	
HPMA-20086	HP	UPC2792TB	
HPMA-2011	HP	UPC2792TB	
HPMA-2185	HP	UPC2792TB	
HPMA-2186	HP	UPC2792TB	
HPMX-2007	HP	UPC8105GR	
HPMX-2005	Agilent	NONE	Cross to nonpromotive UPC8105GR
HPMX-2005-T10	Agilent	NONE	Cross to NP UPC8105GR
HPMX-2005-T10	Agilent	NONE	Cross to NP UPC8105GR
HPMX-2006-BLK	Agilent	NONE	Cross to NP UPC8105GR
HPMX-2006-TR1	Agilent	NONE	Cross to NP UPC8105GR

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HPMX-2007-BLK	Agilent	UPC8159K	Different pckg. / has some same functionality
HPMX-2007-TR1	Agilent	UPC8159K	Different pckg. / has some same functionality
HPMX-3002	Agilent	UPG2106TB	Different pckg. / has some same functionality
HPMX-3002-T10	Agilent	UPG2106TB-E3	Different pckg. / has some same functionality
HSAM-2001-BLK	Agilent	No information	
IAM-81008-STR	Agilent	UPC2757TB	Diff. pckg. / has some same functionality / Vcc=3V
IAM-81008-TR1	Agilent	UPC2757TB-E3	Diff. pckg. / has some same functionality / Vcc=3V
IAM-81028-BLK	Agilent	UPC2757TB	Diff. pckg. / has some same functionality / lower Po.
IAM-81028-STR	Agilent	UPC2757TB	Diff. pckg. / has some same functionality / lower Po.
IAM-82008-STR	Agilent	UPC8112TB	Diff. pckg. / has some same functionality
IAM-82008-TR1	Agilent	UPC8112TB-E3	Diff. package. / has some same functionality
IAM-82028-BLK	Agilent	NONE	82028 Psat=+8dBm
IAM-82028-STR	Agilent	NONE	82028 Psat=+8dBm
IFD-53010-STR	Agilent	NONE	3.5-5.5GHz Divide by 4 Presacler
IFD-53110-STR	Agilent	NONE	3.5-5.5GHz Divide by 4 Presacler
INA-01170	Agilent	UPC2710TB	Different package / Vcc=5V
INA-02170	Agilent	UPC2710TB	Different package / Vcc=5V
INA-02184-BLK	Agilent	UPC2710TB	Different package / Vcc=5V
INA-02184-TR1	Agilent	UPC2710TB-E3	Different package / Vcc=5V
INA-02186-BLK	Agilent	UPC2710TB	Different package / Vcc=5V / Bulk
INA-02186-TR1	Agilent	UPC2710TB-E3	Different package / Vcc=5V
INA-03100-GP4	Agilent	UPC2776TB	Different package / Vcc=5V
INA-03170	Agilent	UPC2709TB	Different package / Vcc=5V
INA-03184-BLK	Agilent	UPC2709TB	Different package / Vcc=5V / Bulk
INA-03184-TR1	Agilent	UPC2709TB-E3	Different package / Vcc=5V
INA-10386	HP	UPC2776TB	
INA-10386-BLK	Agilent	UPC2776TB	Different package / Vcc=5V / Bulk
INA-10386-TR1	Agilent	UPC2776TB-E3	Different package / Vcc=5V
INA-12063	HP	UPC2748T	
INA-12063-BLK	Agilent	UPC2763TB	Different package / Bulk
INA-12063-TR1	Agilent	UPC2763TB-E3	Different package
INA-30311	HP	UPC2747T	
INA-30311-BLK	Agilent	UPC2749TB	Different package / Bulk
INA-30311-TR1	Agilent	UPC2749TB-E3	Different package
INA-31063-BLK	Agilent	UPC2746TB	Different package / Bulk
INA-31063-T/R	Agilent	UPC2746TB-E3	Different package
INA-32063-BLK	Agilent	UPC8181TB	Different package / Bulk
INA-32063-TR1	Agilent	UPC8181TB-E3	Different package
INA-34063-BLK	Agilent	UPC8181TB	Different package / Bulk
INA-34063-TR1	Agilent	UPC8181TB-E3	Different package
INA-50311	HP	UPC2792TB	
INA-50311	HP	UPC1688G	
INA-50311-BLK	Agilent	UPC2792TB	Different package / Bulk
INA-50311-TR1	Agilent	UPC2792TB-E3	Different package
INA-51063-BLK	Agilent	UPC3215TB	Different package / Bulk
INA-51063-TR1	Agilent	UPC3215TB-E3	Different package
INA-52063	Agilent	UPC2709TB	Different package
INA-52063	HP	UPC2776TB	
INA-54063	Agilent	UPC2709TB	Different package
INA-54063	HP	UPC2776TB	
JS8835-AS	Toshiba	NE8500100	
JS8836A-AS	Toshiba	NE8500100	
JS8837A-AS	Toshiba	NE8500200	
JS8838A-AS	Toshiba	NE8500200	

Manufacturer P/N	Manufacturer	CEL/NEC's Closest Replacement	Comments
JS8892-AS	Toshiba	NE1280100	
JS8893-AS	Toshiba	NE1280200	
JS8894-AS	Toshiba	NE1280400	
JS9P03-AS	Toshiba	NE1280100	
JS9P04-AS	Toshiba	NE1280200	
JS9P05-AS	Toshiba	NE1280400	
LT504A	Sharp	NE32584C/NE325S01	
LT510	Sharp	NE32584C/NE325S01	
LT525A	Sharp	NE429M01	
MC12079D	Motorola	UPB1507GV	
MC12079D	Motorola	UPB1506GV	
MC13158	Motorola	UPC2768GR	
MC1350D	Motorola	UPC3217/18	AGC Amplifier
MGF0906A	Mitsubishi	NE6500496	
MGF0907A	Mitsubishi	NE6501077	
MGF1923	Mitsubishi	NE722S01	
MGF4951A	Mitsubishi	NE325S01	
MGF4952A	Mitsubishi	NE425S01	
MGF4953A	Mitsubishi	NE3210S01	Better NF specs / same gain / different pckg.
MGF4954A	Mitsubishi	NE4210S01	Better NF specs / same gain / different pckg.
MGF4314D	Mitsubishi	NE4210S01	
MGF4314E	Mitsubishi	NE4210S01	
MGF4316F	Mitsubishi	NE3210S01	
MGF4317D	Mitsubishi	NE3210S01	
MGF4318D	Mitsubishi	NE3210S01	
MGF4319F	Mitsubishi	NE3210S01	
MGF4714AP	Mitsubishi	NE4210S01	
MGF4914D	Mitsubishi	NE4210S01	
MGF4914E	Mitsubishi	NE4210S01	
MGF4916F	Mitsubishi	NE4210S01	
MGF4917D	Mitsubishi	NE4210S01	
MGF4919D	Mitsubishi	NE3210S01	
MGF4919E	Mitsubishi	NE3210S01	
MGF4919F	Mitsubishi	NE3210S01	
MGF4919G	Mitsubishi	NE3210S01	
MGFC4419G	Mitsubishi	NE32500	
MGFS45V2527	Mitsubishi	NES2527B-30	
MHW9187	Motorola	MC-7846	
MMBR5031LT1	Motorola	NE02133	
MMBR5179LT1	Motorola	NE02133	
MMBR901LT1/T3	Motorola	NE85633	
MMBR931LT1	Motorola	NE68533	
MMBR941BLT1	Motorola	NE68033	
MMBR941LT1/T3	Motorola	NE68033	
MMBR951LT1	Motorola	NE85633	
MMBR521LT1	Motorola	NE97833	
MMBR571LT1	Motorola	NE68133/NE85633	
MMBR911L	Motorola	NE68133	
MMBR911LT1	Motorola	NE68133	
MMBR920L	Motorola	NE02133	
MMBTH10	Motorola	NE94433	
MRF571	Motorola	NE85635/NE68135	
MRF587	Motorola	NE46134	
MRF892	Motorola	UPC2792TB	

Manufacturer P/N	Manufacturer	CEL/NEC's Closest Replacement	Comments
MRF901	Motorola	NE85633	
MRF951	Motorola	NE41634/NE85635	
MRF0211LT1	Motorola	NE68139R	
MRF1027T1	Motorola	NE68530	
MRF1047T1	Motorola	NE68530	
MRF1057T1	Motorola	NE68830	
MRF5711L	Motorola	NE85639R/NE68139R	
MRF5711LT1	Motorola	NE68139R	
MRF5811LT1	Motorola	NE85639R	
MRF9011L	Motorola	NE85639R	
MRF9331L	Motorola	NE68039R	
MRF9411L	Motorola	NE68039R/NE68139R	
MRF9411LT1	Motorola	NE68039R	
MRF9482T1	Motorola	NE5520379A	
MRF9511L	Motorola	NE68139R/NE85639R	
MRF9511LT1	Motorola	NE85639R	
MRF577T1	Motorola	NE85630	
MRF579T1	Motorola	NE68119	
MRF917T1	Motorola	NE68130	
MRF927T1/T3	Motorola	NE68030	
MRF947AT1	Motorola	NE68030	
MRF947T1/T3	Motorola	NE68030	
MRF949BT1	Motorola	NE68719	
MRF949T1	Motorola	NE68719	
MRF957T1	Motorola	NE85630	
MRF959T1	Motorola	NE85619	
MRFIC2002	Motorola	UPC8100GR	
MSA-0186	HP	UPC2792TB	
MSA-0204	HP/Avantek	UPC2791TB	
MSA-0235	HP/Avantek	UPC2792TB	
MSA-0270	HP/Avantek	UPC2792TB	
MSA-0285	HP/Avantek	UPC2791TB	
MSA-0286	HP	UPC2791TB	
MSA-0311	HP	UPC2776TB	
MSA-0386	HP	UPC2708T	
MSA-0600	HP/Avantek	UPC2792TB	
MSA-0611	HP	UPC2746TB	
MSA-0611	HP	UPC2762TB	
MSA-0711	HP	UPC2762TB	
MSA-0785	HP/Avantek	UPC2791TB	
MSA-0786	HP/Avantek	UPC2791TB	
MSA-0885	HP	UPC1678GV	
MSA-0886	HP	UPC1678GV	
MSA-2011	HP	UPC2708T	
MSA-2011	HP	UPC2771TB	
MSA-2111	HP	UPC2763TB	
MSA-2111	HP	UPC2771TB	
MSA-3111	HP	UPC2771TB	
MWA0370	Motorola	UPC1678GV	
MWA0470	Motorola	UPC1678GV	
PE4210	Peregrine	UPG2005TB	Different pkg. / pin out / logic / Isolation lower
PE4220	Peregrine	UPG2006TB	Different pkg. / pin out / logic / Isolation lower
PE4220	Peregrine	UPG2009TB	Different pkg. / pin out / logic / Isolation lower
PE4230	Peregrine	UPG2009TB	Different pkg. / pin out / logic / Isolation lower

Manufacturer P/N	Manufacturer	CEL/NEC's Closest Replacement	Comments
PMBTH10	Philips	NE94433	
RA2798	Raytheon	UPC2798GR	
S8835	Toshiba	NE850R599A	
S8836A	Toshiba	NE8500199	
S8836B	Toshiba	NE8500199	
S8837A	Toshiba	NE8500295-8	
S8838A	Toshiba	NE8500295-8	
S8851	Toshiba	NE960R275	
S8853	Toshiba	NE960R575	
S8855	Toshiba	NE900474-15	
S9G07A	Toshiba	NE6500379A	
SW-239	M/A COM	UPG152TA	Smaller package / different pin out / logic
SW-335	M/A COM	NONE	CMOS driver
SW-337	M/A COM	NONE	Terminated output
SW-338	M/A COM	NONE	Terminated output
SW-339	M/A COM	NONE	Terminated output
SW-392	M/A COM	UPG152TA	Same package / pin out / reverse logic
SW-394	M/A COM	NONE	Terminated output
SW-395	M/A COM	UPG152TA	Same package / pin out / reverse logic
SW-437	M/A COM	UPG158TB	Same package / pin out / logic
SW-438	M/A COM	UPG2009TB	Same package / pin out / reverse logic
SW-456	M/A COM	UPG2009TB	Same package / pin out / logic / better specs.!
SW-456	M/A COM	UPG158TB	Same package / pin out / reverse logic
TDA8010AM	Philips	UPC2768GR	
TIM5964-4	Toshiba	NEZ5964-4D	
TIM5964-4A	Toshiba	NEZ5964-4D	
TIM5964-8	Toshiba	NEZ5964-8D	
TIM5964-8A	Toshiba	NEZ5964-8D	
TIM5964-16	Toshiba	NEZ5964-15D	
TIM6472-4	Toshiba	NEZ6472-4D	
TIM6472-8	Toshiba	NEZ6472-8D	
TIM6472-16	Toshiba	NEZ6472-15D	
TIM7179-4	Toshiba	NEZ7177-4D	
TIM7179-8	Toshiba	NEZ7177-8D	
TIM7785-4	Toshiba	NEZ7785-4D	
TIM7785-8	Toshiba	NEZ7785-8D	
TIM7785-16	Toshiba	NEZ5964-15D	
TNM1800-7	Toshiba	NE6501077	
TNM2600-7	Toshiba	NE6501077	
TPM1818-30	Toshiba	NES1821B-30	
TPM1919-40	Toshiba	NES1821P-50	Under Development
TPM2323-30	Toshiba	NES2527B-30	
TPM2626-30	Toshiba	NES2527B-30	
UA4312B	Temec	UPC2768GR	
UAA3021T	Philips	UPC2768GR	