# Transistors, Thyristors & Opto

| Part No. | | 1-99 | 100-999 |
|---|---|---|---|
| **20N50** | | | |
| | MOT | 9.790 B | 9.790 C |
| | | 7.250 D | |
| | *MGP* | | |
| **20N50C1** | | | |
| | HARR | 6.470 B | 5.950 C |
| | | 5.310 D | |
| | *HGTH* | | |
| **20N50C1D** | | | |
| | HARR | 7.270 B | 6.680 C |
| | | 5.970 D | |
| | *HGTG* | | |
| **20N50C1D** | | | |
| | HARR | 6.470 B | 5.950 C |
| | | 5.310 D | |
| | *HGTH* | | |
| **20N50E1** | | | |
| | HARR | 6.470 B | 5.950 C |
| | | 5.310 D | |
| | *HGTH* | | |
| **20N50E1D** | | | |
| | HARR | 6.470 B | 5.950 C |
| | | 5.310 D | |
| | *HGTH* | | |
| **20N60B3** | | | |
| | HARR | 4.990 B | 4.590 C |
| | | 4.100 D | |
| | *HGTG* | | |
| **20N60B3** | | | |
| | HARR | 4.260 B | 3.920 C |
| | | 3.500 D | |
| | *HGTP* | | |
| **20N60B3D** | | | |
| | HARR | 6.980 B | 6.420 C |
| | | 5.730 D | |
| | *HGTG* | | |
| **20N60C3DR** | | | |
| | HARR | 5.720 B | 5.300 C |
| | | 4.090 D | |
| | *HGTG* | | |
| **20N60C3R** | | | |
| | HARR | 4.990 B | 4.590 C |
| | | 4.100 D | |
| | *HGTG* | | |
| **20N60C3R** | | | |
| | HARR | 4.000 B | 3.680 C |
| | | 3.280 D | |
| | *HGTP* | | |
| **20NJ40C** | | | |
| | IR | 66.000 B | 60.000 C |
| | | 55.000 D | 28.090 AO |
| | *HFA3* | | |
| **20NJ40D** | | | |
| | IR | 66.000 B | 60.000 C |
| | | 55.000 D | 28.090 AO |
| | *HFA3* | | |
| **22N10** | | | |
| | HARR | 1.840 B | 1.840 C |
| | | 1.530 D | |
| | *RFP* | | |
| **23N06LE** | | | |
| | HARR | 1.270 B | 1.060 C |
| | | 0.890 D | |
| | *RFP* | | |
| **24N** | | | |
| | IR | 0.660 | 0.640 |
| | | 0.530 AO | |
| | *IRFZ* | | |
| **24N** | | | |
| | IR | 0.750 | 0.720 |
| | | 0.600 AO | |
| | *IRLZ* | | |
| **24N60D1** | | | |
| | HARR | 8.470 B | 7.800 C |
| | | 6.960 D | |
| | *HGTG* | | |
| **24N60D1D** | | | |
| | HARR | 10.700 B | 9.850 C |
| | | 8.790 D | |
| | *HGTG* | | |
| **24NL** | | | |
| | IR | 0.980 | 0.940 |
| | | 0.780 AO | |
| | *IRFZ* | | |
| **24NL** | | | |
| | IR | 0.790 | 0.760 |
| | | 0.630 AO | |
| | *IRLZ* | | |
| **24NS** | | | |
| | IR | 0.980 | 0.940 |
| | | 0.780 AO | |
| | *IRFZ* | | |
| **24NS** | | | |
| | IR | 1.040 | 1.000 |
| | | 0.830 AO | |
| | *IRLZ* | | |
| **24NSTRL** | | | |
| | IR | 0.980 | 0.940 |
| | | 0.780 AO | |
| | *IRFZ* | | |
| **24NSTRL** | | | |
| | IR | 1.040 | 1.000 |
| | | 0.830 AO | |
| | *IRLZ* | | |
| **24NSTRR** | | | |
| | IR | 0.980 | 0.940 |
| | | 0.780 AO | |
| | *IRFZ* | | |
| **24NSTRR** | | | |
| | IR | 1.040 | 1.000 |
| | | 0.830 AO | |
| | *IRLZ* | | |
| **25N05** | | | |
| | HARR | 1.610 B | 1.540 C |
| | | 1.320 D | |
| | *RFP* | | |
| **25N05L** | | | |
| | HARR | 1.770 B | 1.770 C |
| | | 1.510 D | |
| | *RFP* | | |
| **25N06** | | | |
| | HARR | 1.770 B | 1.690 C |
| | | 1.450 D | |
| | *RFP* | | |
| **25N06L** | | | |
| | HARR | 2.860 B | 2.860 C |
| | | 2.450 D | |
| | *RFP* | | |
| **25N10** | | | |
| | MOT | 91.800 B | 91.800 C |
| | | 68.000 D | |
| | *MHM* | | |
| **25N18** | | | |
| | HARR | 7.960 B | 7.960 C |
| | | 6.830 D | |
| | *RFK* | | |
| **25N20** | | | |
| | MOT | 97.550 B | 97.550 C |
| | | 72.250 D | |
| | *MHM* | | |
| **25N20** | | | |
| | HARR | 9.050 B | 9.050 C |
| | | 7.760 D | |
| | *RFK* | | |
| **27N60C3DR** | | | |
| | HARR | 11.560 B | 10.700 C |
| | | 8.360 D | |
| | *HGTG* | | |
| **27N60C3R** | | | |
| | HARR | 9.760 B | 9.040 C |
| | | 6.790 D | |
| | *HGTG* | | |
| **2N05** | | | |
| | HARR | 2.120 B | 2.120 C |
| | | 1.630 D | |
| | *RFL* | | |
| **2N05L** | | | |
| | HARR | 2.050 B | 2.050 C |
| | | 1.730 D | |
| | *RFL* | | |
| **2N06** | | | |
| | HARR | 2.200 B | 2.200 C |
| | | 1.690 D | |
| | *RFL* | | |
| **2N06L** | | | |
| | HARR | 2.240 B | 2.240 C |
| | | 1.890 D | |
| | *RFL* | | |
| **2N06RLE** | | | |
| | HARR | 1.250 B | 1.120 C |
| | | 1.000 D | |
| | *RFW* | | |
| **2N08** | | | |
| | HARR | 0.680 B | 0.680 C |
| | | 0.520 D | |
| | *RFP* | | |
| **2N08L** | | | |
| | HARR | 0.520 B | 0.520 C |
| | | 0.450 D | |
| | *RFP* | | |
| **2N10** | | | |
| | HARR | 0.720 B | 0.720 C |
| | | 0.550 D | |
| | *RFP* | | |
| **2N100** | | | |
| | NJS | 3.200 | 3.000 |
| | QS2 | 3.090 | 2.900 |
| | SEI | 3.100 | 2.900 |
| **2N1000** | | | |
| | NJS | 4.000 | 3.500 |
| | QS2 | 3.860 | 3.380 |
| | SEI | 3.900 | 3.400 |
| **2N1007** | | | |
| | NJS | 3.950 | 3.400 |
| | QS2 | 3.810 | 3.280 |
| | SEI | 3.850 | 3.300 |
| **2N1008** | | | |
| | GTC | 2.180 | 1.820 |
| | NJS | 2.100 | 1.750 |
| | QS2 | 2.030 | 1.690 |
| | SEI | 3.800 | 3.200 |
| **2N1008A** | | | |
| | GTC | 2.520 | 2.100 |
| | NJS | 2.500 | 2.000 |
| | QS2 | 2.410 | 1.930 |
| **2N1008B** | | | |
| | NJS | 4.500 | 4.150 |
| | QS2 | 4.340 | 4.010 |
| **2N101** | | | |
| | NJS | 25.200 | 16.800 |
| | QS2 | 24.320 | 16.210 |
| | SEI | 25.100 | 16.700 |
| **2N101/13** | | | |
| | NJS | 22.000 | 14.000 |
| | QS2 | 21.230 | 13.510 |
| **2N1010** | | | |
| | NJS | 1.600 | 1.100 |
| | QS2 | 1.540 | 1.060 |
| | SEI | 1.500 | 1.000 |
| **2N1011** | | | |
| | GTC | 4.200 | 3.500 |
| | NJS | 2.780 | 1.950 |
| | QS2 | 2.680 | 1.880 |
| | SEI | 2.680 | 1.850 |
| **2N1012** | | | |
| | NJS | 3.100 | 2.550 |
| | QS2 | 2.990 | 2.460 |
| | SEI | 3.000 | 2.450 |
| **2N1014** | | | |
| | NJS | 4.500 | 3.950 |
| | QS2 | 4.340 | 3.810 |
| | SEI | 4.400 | 3.850 |
| **2N1015** | | | |
| | NJS | 13.500 | 10.750 |
| | QS2 | 13.030 | 10.370 |
| | SEI | 13.400 | 10.650 |
| **2N1015A** | | | |
| | NJS | 17.500 | 13.950 |
| | QS2 | 16.890 | 13.460 |
| **2N1015B** | | | |
| | NJS | 21.500 | 18.950 |
| | QS2 | 20.750 | 18.290 |
| **2N1015C** | | | |
| | NJS | 28.500 | 21.500 |
| | QS2 | 27.500 | 20.750 |
| **2N1016** | | | |
| | NJS | 16.000 | 12.000 |
| | QS2 | 15.440 | 11.580 |
| **2N1016A** | | | |
| | NJS | 19.000 | 17.000 |
| | QS2 | 18.340 | 16.410 |
| **2N1016B** | | | |
| | NJS | 25.000 | 19.750 |
| | QS2 | 24.130 | 19.060 |
| **2N1016C** | | | |
| | NJS | 26.000 | 21.000 |
| | QS2 | 25.090 | 20.270 |
| **2N1016D** | | | |
| | NJS | 30.000 | 25.000 |
| | QS2 | 28.950 | 24.130 |
| | SEI | 39.900 | 32.400 |
| **2N1017** | | | |
| | NJS | 3.650 | 3.350 |
| | QS2 | 3.520 | 3.230 |
| | SEI | 3.150 | 2.850 |
| **2N1018** | | | |
| | NJS | 3.650 | 3.350 |
| | QS2 | 3.520 | 3.230 |
| | SEI | 3.150 | 2.850 |
| **2N102** | | | |
| | NJS | 40.000 | 26.000 |
| | QS2 | 38.600 | 25.090 |
| | SEI | 39.900 | 25.900 |
| **2N102/13** | | | |
| | NJS | 33.000 | 26.000 |
| | QS2 | 31.850 | 25.090 |
| **2N1021** | | | |
| | GTC | 2.680 | 2.240 |
| | NJS | 3.500 | 3.250 |
| | QS2 | 3.380 | 3.140 |
| | SEI | 3.000 | 2.750 |
| **2N1021A** | | | |
| | GTC | 3.190 | 2.660 |
| | NJS | 6.500 | 5.500 |
| | QS2 | 6.270 | 5.310 |
| **2N1022** | | | |
| | GTC | 3.360 | 2.800 |
| | NJS | 3.300 | 2.750 |
| | QS2 | 3.190 | 2.650 |
| | SEI | 5.600 | 4.500 |
| **2N1022A** | | | |
| | GTC | 5.880 | 4.900 |
| | NJS | 5.800 | 4.800 |
| | QS2 | 5.600 | 4.630 |
| **2N1023** | | | |
| | NJS | 4.950 | 4.250 |
| | QS2 | 4.780 | 4.100 |
| | SEI | 4.450 | 3.750 |
| **2N1024** | | | |
| | CRY | 3.100 | 2.090 |
| | NJS | 2.400 | 1.600 |
| | QS2 | 2.320 | 1.540 |
| | SEI | 3.900 | 1.100 |
| **2N1025** | | | |
| | CRY | 3.860 | 2.530 |
| | NJS | 3.000 | 2.100 |
| | QS2 | 2.900 | 2.030 |
| | SEI | 2.500 | 1.600 |
| **2N1025** | | | |
| | CRY | 19.290 | 12.770 |
| | *JAN* | | |
| **2N1026** | | | |
| | CRY | 4.620 | 3.100 |
| | NJS | 3.250 | 2.600 |
| | QS2 | 3.140 | 2.510 |
| | SEI | 2.750 | 2.100 |
| **2N1026** | | | |
| | CRY | 19.290 | 12.770 |
| | *JAN* | | |
| **2N1027** | | | |
| | CRY | 4.620 | 3.100 |
| | NJS | 1.900 | 1.500 |
| | QS2 | 1.830 | 1.450 |
| | SEI | 3.000 | 1.850 |
| **2N1028** | | | |
| | CRY | 3.420 | 2.340 |
| | NJS | 1.900 | 1.500 |
| | QS2 | 1.830 | 1.450 |
| | SEI | 2.100 | 1.600 |
| **2N1029** | | | |
| | NJS | 5.250 | 4.200 |
| | QS2 | 5.070 | 4.050 |
| | SEI | 4.750 | 3.700 |
| **2N1029B** | | | |
| | NJS | 12.000 | 10.250 |
| | QS2 | 11.580 | 9.890 |
| **2N103** | | | |
| | NJS | 3.200 | 3.000 |
| | QS2 | 3.090 | 2.900 |
| | SEI | 3.100 | 2.900 |
| **2N1030** | | | |
| | NJS | 7.950 | 6.850 |
| | QS2 | 7.670 | 6.610 |
| | SEI | 7.450 | 6.350 |
| **2N1030A** | | | |
| | NJS | 9.500 | 8.400 |
| | QS2 | 9.170 | 8.110 |
| **2N1031** | | | |
| | GTC | 4.200 | 3.500 |
| | NJS | 3.250 | 2.950 |
| | QS2 | 3.140 | 2.850 |
| | SEI | 2.750 | 2.450 |
| **2N1031A** | | | |
| | GTC | 4.620 | 3.850 |
| | NJS | 4.750 | 4.250 |
| | QS2 | 4.580 | 4.100 |
| **2N1031B** | | | |
| | GTC | 7.560 | 6.300 |
| | NJS | 7.350 | 5.750 |
| | QS2 | 7.090 | 5.550 |
| **2N1031C** | | | |
| | GTC | 10.750 | 8.960 |
| **2N1032** | | | |
| | GTC | 4.280 | 3.570 |
| | NJS | 4.100 | 3.500 |
| | QS2 | 3.960 | 3.380 |
| | SEI | 4.250 | 3.200 |
| **2N1032A** | | | |
| | GTC | 5.040 | 4.200 |
| | NJS | 4.100 | 3.500 |
| | QS2 | 3.960 | 3.380 |
| **2N1032B** | | | |
| | GTC | 8.480 | 7.070 |
| | NJS | 8.100 | 7.000 |
| | QS2 | 7.820 | 6.760 |
| **2N1032C** | | | |
| | GTC | 11.420 | 9.520 |
| **2N1033** | | | |
| | NJS | 7.000 | 6.000 |
| | QS2 | 6.760 | 5.790 |
| | SEI | 6.500 | 5.500 |
| **2N1034** | | | |
| | CRY | 3.100 | 2.090 |
| | NJS | 2.400 | 1.900 |
| | QS2 | 2.320 | 1.830 |
| | SEI | 1.900 | 1.400 |
| **2N1035** | | | |
| | CRY | 3.730 | 2.340 |
| | NJS | 2.100 | 1.500 |
| | QS2 | 2.030 | 1.450 |
| | SEI | 2.250 | 1.700 |
| **2N1036** | | | |
| | CRY | 4.990 | 3.100 |
| | NJS | 2.700 | 2.000 |
| | QS2 | 2.610 | 1.930 |
| | SEI | 3.200 | 2.450 |

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