

Medium Power Amplifiers and Switches

| TYPE NO. | POLARITY | CASE | MAXIMUM RATINGS | | | HFE | | | | VCE(sat) | | fT min (MHz) | Cob max (pF) | COMPLEMENTARY TYPE |
|----------|----------|---------|-----------------|-----------|-------------|-----|-------|------------|------------|------------|------|--------------------|--------------------|-----------------------|
| | | | Pd (mW) | IC (A) | VCEO (V) | min | max | IC (mA) | VCE (V) | max (V) | (A) | | | |
| 2SC1008 | N | TO-39 | 800 | 0.7 | 60 | 80 | 240 # | 50 | 2 | 0.7 | 0.5 | 75+ | 17+ | - |
| 2SC1175 | N | TO-92B | 300 | 0.2 | 50 | 40 | 320 # | 50 | 6 | 1.5 | 0.1 | 170+ | - | 2SA659 |
| 2SC1209 | N | TO-92B | 500 | 0.7 | 20 | 55 | 300 # | 500 | 1 | 0.5 | 0.5 | 150+ | 4.2+ | - |
| 2SC1317 | N | TO-92B | 400 | 0.5 | 25 | 60 | 340 # | 150 | 10 | 0.6 | 0.5 | 200+ | 15 | 2SA719 |
| 2SC1318 | N | TO-92B | 400 | 0.5 | 50 | 60 | 340 # | 150 | 10 | 0.6 | 0.5 | 200+ | 15 | 2SA720 |
| 2SC1346 | N | TO-92B | 600 | 0.5 | 25 | 60 | 340 # | 150 | 10 | 0.6 | 0.5 | 200+ | 15 | 2SA730 |
| 2SC1347 | N | TO-92B | 600 | 0.5 | 50 | 60 | 340 # | 150 | 10 | 0.6 | 0.5 | 200+ | 15 | 2SA731 |
| 2SC1672 | N | TO-92B | 600 | 0.3 | 80 | 70 | 240 # | 50 | 2 | 0.4 | 0.2 | 100+ | 10+ | 2SA817 |
| 2SC1788 | N | TO-92B | 600 | 0.5 | 20 | 65 | 220 # | 500 | 2 | 0.4 | 0.5 | 150+ | 15 | - |
| 2SC1851 | N | TO-92A | 625 | 0.5 | 25 | 60 | 340 # | 150 | 10 | 0.6 | 0.5 | 200+ | 15 | 2SA890 |
| 2SC1852 | N | TO-92A | 625 | 0.5 | 50 | 90 | 340 # | 150 | 10 | 0.6 | 0.5 | 200+ | 15 | 2SA891 |
| 2SC2001 | N | TO-92B | 600 | 0.7 | 25 | 90 | 400 # | 100 | 1 | 0.6 | 0.7 | 50 | 25 | - |
| 2SC2120 | N | TO-92B | 600 | 0.8 | 25 | 100 | 320 # | 100 | 1 | 0.5 | 0.5 | 120 | 13+ | 2SA950 |
| 2SD227 | N | TO-92B | 250 | 0.3 | 15 | 65 | 400 # | 50 | 1 | 0.5 | 0.3 | 120+ | - | 2SA642 |
| 2SD327 | N | TO-92B | 250 | 0.5 | 20 | 60 | 285 # | 100 | 1 | 0.6 | 0.5 | 120+ | - | 2SA723 |
| 2SD471 | N | TO-92B | 1000 | 1 | 25 | 90 | 400 # | 100 | 1 | 0.35 | 1 | - | - | 2SB564 |
| 2SD545 | N | TO-92B | 500 | 1 | 20 | 60 | 560 # | 50 | 2 | 0.3 | 0.5 | 180+ | 15+ | 2SA598 |
| 2SD592 | N | TO-92B | 750 | 1 | 25 | 85 | 340 # | 500 | 10 | 0.4 | 0.5 | 200+ | 20 | 2SB621 |
| 2SD592A | N | TO-92B | 750 | 1 | 50 | 85 | 340 # | 500 | 10 | 0.4 | 0.5 | 200+ | 20 | 2SB621A |
| 92PU01 | N | TO-237A | 2500□ | 2 | 30 | 60 | - | 100 | 1 | 0.5 | 1 | 50 | 30 | 92PU51 |
| 92PU01A | N | TO-237A | 2500□ | 2 | 40 | 60 | - | 100 | 1 | 0.5 | 1 | 50 | 30 | 92PU51A |
| 92PU02 | N | TO-237A | 2000□ | 0.8 | 40 | 50 | 300 | 150 | 10 | 0.4 | 0.15 | 150 | 10 | 92PU52 |
| 92PU05 | N | TO-237A | 2500□ | 2 | 60 | 20 | - | 500 | 1 | 0.5 | 0.25 | 50 | 30 | 92PU55 |
| 92PU06 | N | TO-237A | 2500□ | 2 | 80 | 20 | - | 500 | 1 | 0.5 | 0.25 | 50 | 30 | 92PU56 |
| 92PU07 | N | TO-237A | 2500□ | 2 | 100 | 20 | - | 500 | 1 | 0.5 | 0.25 | 50 | 30 | 92PU57 |
| 92PU45 | N | TO-237A | 2000□ | 2 | 40* | 15K | - | 500 | 5 | 1.5 | 1 | 100 | - | 92PU95 |
| 92PU45A | N | TO-237A | 2000□ | 2 | 50* | 15K | - | 500 | 5 | 1.5 | 1 | 100 | - | 92PU95A |
| 92PU51 | P | TO-237A | 2500□ | 2 | 50 | 60 | - | 100 | 1 | 0.5 | 1 | 50 | 30 | 92PU01 |
| 92PU51A | P | TO-237A | 2500□ | 2 | 50 | 60 | - | 100 | 1 | 0.5 | 1 | 50 | 30 | 92PU01A |
| 92PU52 | P | TO-237A | 2000□ | 0.8 | 40 | 50 | 300 | 150 | 10 | 0.4 | 0.15 | 150 | 24 | 92PU02 |
| 92PU55 | P | TO-237A | 2500□ | 2 | 60 | 20 | - | 500 | 1 | 0.5 | 1 | 50 | 30 | 92PU05 |
| 92PU56 | P | TO-237A | 2500□ | 2 | 80 | 20 | - | 500 | 1 | 0.5 | 1 | 50 | 30 | 92PU06 |
| 92PU57 | P | TO-237A | 2500□ | 2 | 100 | 20 | - | 500 | 1 | 0.5 | 1 | 50 | 30 | 92PU07 |
| 92PU95 | P | TO-237A | 2000□ | 2 | 40* | 15K | - | 500 | 5 | 1.5 | 1 | 50 | - | 92PU45 |

HFE grouping available + typical value □ Tc=25°C * VCER