

POWER BIPOLAR

EPITAXIAL BASE TRANSISTORS (Continued)

| I _C (A) | V _{CB0} (V) | V _{CEO} (V) | P _{tot} (W) | Package | Type | | h _{FE} @ I _C / V _{CE} | | | V _{CEsat} @ I _C / I _B | | |
|-----------------------|-------------------------|-------------------------|-------------------------|---------|-----------|-----------|--|------|-----|--|-----|------|
| | | | | | NPN | PNP | min | (A) | (V) | (V) | (A) | (mA) |
| 3 | 80 | 80 | 30 | TO 126 | BD 179-6 | BD 180-6 | 40 | 0.15 | 2 | 0.8 | 1 | 100 |
| 3 | 80 | 80 | 40 | TO 220 | TIP 31 B | TIP 32 B | 25 | 1 | 4 | 1.2 | 3 | 375 |
| 3 | 90 | 80 | 40 | TO 220 | BD 241 B | BD 242 B | 25 | 1 | 4 | 1.2 | 3 | 600 |
| 3 | 100 | 100 | 40 | TO 220 | TIP 31 C | TIP 32 C | 25 | 1 | 4 | 1.2 | 3 | 375 |
| 3 | 115 | 100 | 40 | TO 220 | BD 241 C | BD 242 C | 25 | 1 | 4 | 1.2 | 3 | 600 |
| 4 | 22 | 22 | 36 | TO 126 | BD 433 | BD 434 | 50 | 2 | 1 | 0.5 | 2 | 200 |
| 4 | 32 | 32 | 36 | TO 126 | BD 435 | BD 436 | 50 | 2 | 1 | 0.5 | 2 | 200 |
| 4 | 40 | 40 | 40 | TO 126 | MJE 521 | MJE 371 | 40 | 1 | 1 | — | — | — |
| 4 | 40 | 40 | 40 | TO 126 | 2N 5190 | 2N 5193 | 25 | 1.5 | 2 | 0.6 | 1.5 | 150 |
| 4 | 45 | 45 | 36 | TO 126 | BD 437 | BD 438 | 40 | 2 | 1 | 0.6 | 2 | 200 |
| 4 | 45 | 45 | 40 | TO 220 | 2N 6121 | 2N 6124 | 25 | 1 | 2 | 0.6 | 1.5 | 150 |
| 4 | 60 | 60 | 36 | TO 126 | BD 439 | BD 440 | 25 | 2 | 1 | 0.8 | 2 | 200 |
| 4 | 60 | 60 | 40 | TO 126 | 2N 5191 | 2N 5194 | 25 | 1.5 | 2 | 0.6 | 1.5 | 150 |
| 4 | 60 | 60 | 40 | TO 220 | 2N 6122 | 2N 6125 | 25 | 1.5 | 2 | 0.6 | 1.5 | 150 |
| 4 | 80 | 80 | 36 | TO 126 | BD 441 | BD 442 | 15 | 2 | 1 | 0.8 | 2 | 200 |
| 4 | 80 | 80 | 40 | TO 126 | 2N 5192 | 2N 5195 | 20 | 1.5 | 2 | 0.6 | 1.5 | 150 |
| 4 | 80 | 80 | 40 | TO 220 | 2N 6123 | 2N 6126 | 20 | 1.5 | 2 | 0.6 | 1.5 | 150 |
| 5 | 40 | 25 | 15 | TO 126 | MJE 200 | MJE 210 | 70 | 0.5 | 1 | 0.3 | 0.5 | 50 |
| 6 | 40 | 40 | 65 | TO 220 | TIP 41 | TIP 42 | 15 | 3 | 4 | 1.5 | 6 | 600 |
| 6 | 45 | 45 | 65 | TO 220 | BD 243 | BD 244 | 15 | 3 | 4 | 1.5 | 6 | 1000 |
| 6 | 60 | 60 | 65 | TO 220 | BD 243 A | BD 244 A | 15 | 3 | 4 | 1.5 | 6 | 1000 |
| 6 | 60 | 60 | 65 | TO 220 | TIP 41 A | TIP 42 A | 15 | 3 | 4 | 1.5 | 6 | 600 |
| 6 | 80 | 80 | 65 | TO 220 | BD 243 B | BD 244 B | 15 | 3 | 4 | 1.5 | 6 | 1000 |
| 6 | 80 | 80 | 65 | TO 220 | TIP 41 B | TIP 42 B | 15 | 3 | 4 | 1.5 | 6 | 600 |
| 6 | 100 | 100 | 65 | TO 220 | BD 243 C | BD 244 C | 15 | 3 | 4 | 1.5 | 6 | 1000 |
| 6 | 100 | 100 | 65 | TO 220 | TIP 41 C | TIP 42 C | 15 | 3 | 4 | 1.5 | 6 | 600 |
| 7 | 40 | 30 | 40 | TO 220 | 2N 6288 | 2N 6111 | 30 | 4 | 3 | 1 | 3 | 300 |
| 7 | 60 | 50 | 40 | TO 220 | 2N 6290 | 2N 6109 | 30 | 4 | 2.5 | 1 | 2.5 | 250 |
| 7 | 80 | 70 | 40 | TO 220 | 2N 6292 | 2N 6107 | 30 | 4 | 2 | 1 | 2 | 200 |
| 8 | 45 | 45 | 50 | TO 220 | BD 533 | BD 534 | 25 | 2 | 2 | 0.8 | 2 | 200 |
| 8 | 60 | 60 | 50 | TO 220 | BD 535 | BD 536 | 25 | 2 | 2 | 0.8 | 2 | 200 |
| 8 | 80 | 80 | 50 | TO 220 | BD 537 | BD 538 | 15 | 2 | 2 | 0.8 | 2 | 200 |
| 10 | 60 | 60 | 150 | TO 3 | 2N 5877 | 2N 5875 | 20 | 4 | 4 | 1 | 5 | 500 |
| 10 | 70 | 60 | 75 | TO 220 | MJE 3055T | MJE 2955T | 20 | 4 | 4 | 1.1 | 4 | 400 |
| 10 | 80 | 60 | 150 | TO 3 | 2N 3715 | 2N 3791 | 30 | 3 | 2 | 0.8 | 5 | 500 |
| 10 | 80 | 80 | 150 | TO 3 | 2N 5878 | 2N 5876 | 20 | 4 | 4 | 1 | 5 | 500 |
| 10 | 100 | 80 | 150 | TO 3 | 2N 3716 | 2N 3792 | 30 | 3 | 2 | 0.8 | 5 | 500 |
| 12 | 45 | 45 | 75 | TO 220 | BD 705 | BD 706 | 20 | 4 | 4 | 1 | 4 | 400 |
| 12 | 60 | 60 | 75 | TO 220 | BD 707 | BD 708 | 15 | 4 | 4 | 1 | 4 | 400 |
| 12 | 80 | 80 | 75 | TO 220 | BD 709 | BD 710 | 15 | 4 | 4 | 1 | 4 | 400 |
| 12 | 100 | 100 | 75 | TO 220 | BD 711 | BD 712 | 15 | 4 | 4 | 1 | 4 | 400 |
| 15 | 50 | 40 | 150 | TO 3 | 2N 3771 | BD 906 | 15 | 15 | 4 | 1.4 | 10 | 1000 |
| 15 | 45 | 45 | 90 | TO-220 | BD 905 | BDW 52 | 15 | 5 | 4 | 1 | 5 | 500 |
| 15 | 45 | 45 | 125 | TO 3 | BDW 51 | BDW 52 | 20 | 5 | 4 | 1 | 5 | 500 |
| 15 | 50 | 50 | 75 | TO 220 | 2N 6486 | 2N 6489 | 20 | 5 | 4 | 1.3 | 5 | 500 |
| 15 | 60 | 60 | 100 | TO 220 | BD 907 | BD 908 | 15 | 5 | 4 | 1 | 5 | 500 |
| 15 | 60 | 60 | 125 | TO 3 | BDW 51 A | BDW 52 A | 20 | 5 | 4 | 1 | 5 | 500 |
| 15 | 70 | 60 | 90 | SOT 93 | TIP 3055 | TIP 2955 | 20 | 4 | 4 | 1.1 | 4 | 400 |
| 15 | 100 | 60 | 115 | TO 3 | 2N 3055 | MJ 2955 | 20 | 4 | 4 | 1.1 | 4 | 400 |
| 15 | 100 | 60 | 150 | TO 3 | 2N 3772 | | 15 | 10 | 4 | 2 | 15 | 1500 |
| 15 | 100 | 60 | 150 | TO 3 | SGS 3055 | | 20 | 4 | 4 | 1 | 5 | 500 |
| 15 | 70 | 70 | 75 | TO 220 | 2N 6487 | 2N 6490 | 20 | 5 | 4 | 1.3 | 5 | 500 |
| 15 | 80 | 80 | 90 | TO 220 | BD 909 | BD 910 | 15 | 5 | 4 | 1 | 5 | 500 |
| 15 | 80 | 80 | 125 | TO 3 | BDW 51 B | BDW 52 B | 20 | 5 | 4 | 1 | 5 | 500 |
| 15 | 90 | 90 | 75 | TO 220 | 2N 6488 | 2N 6491 | 20 | 5 | 4 | 1.3 | 5 | 500 |
| 15 | 100 | 100 | 90 | TO 220 | BD 911 | BD 912 | 15 | 5 | 4 | 1 | 5 | 500 |
| 15 | 100 | 100 | 125 | TO 3 | BDW 51 C | BDW 52 C | 20 | 5 | 4 | 1 | 5 | 500 |
| 16 | 100 | 100 | 200 | TO 3 | 2N 5629 | 2N 6029 | 25 | 8 | 2 | 1 | 10 | 1000 |
| 20 | 80 | 80 | 200 | TO 3 | 2N 5303 | 2N 5745 | 40 | 1 | 2 | 1 | 10 | 1000 |
| 25 | 60 | 60 | 125 | SOT 93 | TIP 35 A | TIP 36 A | 25 | 1.5 | 4 | 1.8 | 15 | 1500 |
| 25 | 60 | 60 | 200 | TO 3 | 2N 5885 | 2N 5883 | 35 | 3 | 4 | 1 | 15 | 1500 |
| 25 | 80 | 80 | 125 | SOT 93 | TIP 35 B | TIP 36 B | 25 | 1.5 | 4 | 1.8 | 15 | 1500 |
| 25 | 80 | 80 | 130 | SOT 93 | SGSD 110 | SGSD 210 | 15 | 5 | 4 | 1.5 | 16 | 2000 |
| 25 | 80 | 80 | 200 | TO 3 | 2N 5886 | 2N 5884 | 35 | 3 | 4 | 1 | 15 | 1500 |
| 25 | 100 | 100 | 125 | SOT 93 | TIP 35 C | TIP 36 C | 25 | 1.5 | 4 | 1.8 | 15 | 1500 |
| 30 | 40 | 40 | 200 | TO 3 | 2N 5301 | 2N 4398 | 40 | 1 | 2 | 0.75 | 10 | 1000 |
| 30 | 60 | 60 | 200 | TO 3 | 2N 5302 | 2N 4399 | 40 | 1 | 2 | 0.75 | 10 | 1000 |
| 30 | 100 | 90 | 200 | TO 3 | MJ 802 | MJ 4502 | 25 | 7.5 | 2 | 0.8 | 7.5 | 750 |