

FAIRCHILD TRANSISTORS

POWER

POWER TRANSISTORS (BY I_{Cmax} , POLARITY AND ASCENDING V_{CE0}) (Cont'd)

| Item | DEVICE NO. Polarity | | V_{CE0} V Max | hFE Min/Max | @ I_C A | $V_{CE(sat)}$ V Max | @ I_C A | f_T MHz Min(Typ) | PD(Max) W $T_C=25^\circ C$ | Package No. |
|---|------------------------|---------|-----------------------|----------------|--------------|---------------------------|--------------|--------------------------|----------------------------------|----------------|
| | NPN | PNP | | | | | | | | |
| $I_C = 4.0$ A Max Continuous (Cont'd) | | | | | | | | | | |
| 1 | 2N3054 | | 55 | 25/150 | 0.5 | 1.0 | 0.5 | — | 25 | TO-66 |
| 2 | 2N5298 | | 60 | 20/80 | 1.5 | 1.0 | 1.5 | 0.8 | 36 | TO-220 |
| 3 | BD222 | BD225 | 60 | 20/80 | 1.5 | 1.0 | 1.5 | 0.8 | 36 | TO-220 |
| 4 | 2N6122 | 2N6125 | 60 | 25/100 | 1.5 | 0.6 | 1.5 | 2.5 | 40 | TO-220 |
| 5 | 2N4232 | | 60 | 25/100 | 1.5 | 0.7 | 1.5 | 4.0 | 35 | TO-66 |
| 6 | 2N4238 | | 60 | 30/150 | 0.25 | 0.6 | 1.0 | 1.0 | 6.0 | TO-39 |
| 7 | 2N5294 | | 70 | 30/120 | 0.5 | 1.0 | 0.5 | 0.8 | 36 | TO-220 |
| 8 | BD220 | BD223 | 70 | 30/120 | 0.5 | 1.0 | 0.5 | 0.8 | 36 | TO-220 |
| 9 | 2N6123 | 2N6126 | 80 | 20/80 | 1.5 | 0.6 | 1.5 | 2.5 | 40 | TO-220 |
| 10 | 2N4233 | | 80 | 25/100 | 1.5 | 0.7 | 1.5 | 4.0 | 35 | TO-66 |
| 11 | 2N4239 | | 80 | 30/150 | 0.25 | 0.6 | 1.0 | 1.0 | 6.0 | TO-39 |
| 12 | FT317 | FT417 | 100 | 35/- | 1.0 | 0.5 | 1.0 | 20 | 40 | TO-220 |
| 13 | 2N6473 | 2N6475 | 100 | 15/150 | 1.5 | 1.2 | 1.5 | 10 | 40 | TO-220 |
| 14 | FT317A | FT417A | 120 | 35/- | 1.0 | 0.5 | 1.0 | 20 | 40 | TO-220 |
| 15 | 2N6474 | 2N6476 | 120 | 15/150 | 1.5 | 1.2 | 1.5 | 10 | 40 | TO-220 |
| 16 | FT317B | FT417B | 140 | 35/- | 1.0 | 0.5 | 1.0 | 20 | 40 | TO-220 |
| $I_C = 5.0$ A Max Continuous | | | | | | | | | | |
| 17 | 2N5067 | 2N4901 | 40 | 20/80 | 1.0 | 0.4 | 1.0 | 4.0 | 87.5 | TO-3 |
| 18 | 2N4913 | 2N4904 | 40 | 25/100 | 2.5 | 1.5 | 5.0 | 4.0 | 87.5 | TO-3 |
| 19 | 2N5490 | | 40 | 20/100 | 2.0 | 1.0 | 2.0 | 0.8 | 50 | TO-220 |
| 20 | 2N5494 | | 40 | 20/100 | 3.0 | 1.0 | 3.0 | 0.8 | 50 | TO-220 |
| 21 | 2N5492 | | 55 | 20/100 | 2.5 | 1.0 | 2.5 | 0.8 | 50 | TO-220 |
| 22 | TIP120* | TIP125* | 60 | 1000/- | 0.5 | 2.0 | 3.0 | — | 65 | TO-220 |
| 23 | BC323 | | 60 | 50/250 | 0.5 | 0.15 | 0.5 | — | 7.0 | TO-39 |
| 24 | 2N5068 | 2N4902 | 60 | 20/80 | 1.0 | 0.4 | 1.0 | 4.0 | 87.5 | TO-3 |
| 25 | 2N4895 | | 60 | 40/120 | 2.0 | 1.0 | 5.0 | 50 | 7.0 | TO-39 |
| 26 | BFX34 | | 60 | 40/150 | 2.0 | 1.0 | 0.5 | 70 | 5.0 | TO-39 |
| 27 | 2N4896 | | 60 | 100/300 | 2.0 | 1.0 | 5.0 | 80 | 7.0 | TO-39 |
| 28 | 2N4914 | 2N4905 | 60 | 25/100 | 2.5 | 1.5 | 5.0 | 4.0 | 87.5 | TO-3 |
| 29 | 2N5496 | | 70 | 20/100 | 3.5 | 1.0 | 3.5 | 0.8 | 50 | TO-220 |

*Darlington