

**FAIRCHILD TRANSISTORS**

**POWER**

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

Item	DEVICE NO. Polarity		$V_{CEO}$ V Max	$h_{FE}$ Min/Max	@ $I_C$ A	$V_{CE(sat)}$ V Max	@ $I_C$ A	$f_T$ MHz Min(Typ)	$P_D(Max)$ W $T_C=25^\circ C$	Package No.
	NPN	PNP								
<b><math>I_C = 8.0</math> A Max Continuous (Cont'd)</b>										
1	2N6055*	2N6053*	60	750/18K	4.0	2.0	4.0	4.0	100	TO-3
2	2N5878	2N5876	80	20/100	4.0	1.0	5.0	4.0	150	TO-3
3	2N6056*	2N6054*	80	750/18K	4.0	2.0	4.0	4.0	100	TO-3
4	2N6306		250	15/75	3.0	0.8	3.0	5.0	125	TO-3
5	2N6307M		300	15/75	3.0	1.0	3.0	5.0	125	TO-3
6	2N6308M		350	12/60	3.0	1.5	3.0	5.0	125	TO-3
<b><math>I_C = 10.0</math> A Max Continuous</b>										
7	2N6103		40	15/60	8.0	2.5	16	—	75	TO-220
8	2N6386*		40	1K/20K	3.0	2.0	3.0	20	40	TO-220
9		2N4907	40	20/80	4.0	0.75	4.0	4.0	150	TO-3
10	2N6383*		40	1K/20K	5.0	2.0	5.0	20	100	TO-3
11	2N3713		60	25/75	1.0	1.0	5.0	4.0	150	TO-3
12		2N3789	60	25/90	1.0	1.0	5.0	4.0	150	TO-3
13	2N6099		60	20/80	4.0	2.5	10	—	75	TO-220
14	2N3715		60	50/150	1.0	0.8	5.0	4.0	150	TO-3
15		2N3791	60	50/180	1.0	1.0	5.0	4.0	150	TO-3
16	2N6387*		60	1K/20K	3.0	2.0	3.0	20	40	TO-220
17	MJE3055F		60	20/70	4.0	1.1	4.0	2.0	70	TO-220
18		2N4908	60	20/80	4.0	0.75	4.0	4.0	150	TO-3
19	SE9300*	SE9400*	60	1000/-	4.0	2.0	4.0	1.0	70	TO-220
20	SE9303*	SE9403*	60	1000/-	4.0	2.0	4.0	1.0	100	TO-3
21	2N6384*		60	1K/20K	5.0	2.0	5.0	20	100	TO-3
22	MJ2500*	MJ3000*	60	1000/-	5.0	2.0	10	—	150	TO-3
23	2N6101		70	20/80	5.0	2.5	10	—	75	TO-220
24	2N3714		80	25/75	1.0	1.0	5.0	4.0	150	TO-3
25		2N3790	80	25/90	1.0	1.0	5.0	4.0	150	TO-3
26	2N3716		80	50/150	1.0	0.8	5.0	4.0	150	TO-3
27		2N3792	80	50/180	1.0	1.0	5.0	4.0	150	TO-3
28	2N6388*		80	1K/20K	3.0	2.0	3.0	20	40	TO-220
29		2N4909	80	20/80	4.0	0.75	4.0	4.0	150	TO-3

\*Darlington