

FAIRCHILD TRANSISTORS

POWER

POWER TRANSISTORS (BY I_C max, POLARITY AND ASCENDING V_{CE0})

Item	DEVICE NO. Polarity		V_{CE0} V Max	h_{FE} Min/Max	@ I_C A	$V_{CE(sat)}$ V Max	@ I_C A	f_T MHz Min(Typ)	$P_D(\text{Max})$ W $T_C = 25^\circ\text{C}$	Package No.
	NPN	PNP								
$I_C = 0.1$ A Max Continuous										
1	BF257		160	25/-	0.03	1.0	0.03	75	1.0	TO-39
2	BF336		180	20/-	0.03	—	—	50	1.0	TO-39
3	BF337		200	20/-	0.03	—	—	50	1.0	TO-39
4	BF338		225	20/-	0.03	—	—	50	1.0	TO-39
5	BF258		250	25/-	0.03	1.0	0.03	75	1.0	TO-39
6	D40N1F		250	30/90	0.02	—	—	40	10	Dynawatt
7	D40N2F		250	60/180	0.02	—	—	40	10	Dynawatt
8	BF259		300	25/-	0.03	1.0	0.03	75	1.0	TO-39
9	D40N3F		300	30/90	0.02	—	—	40	10	Dynawatt
10	D40N4F		300	60/180	0.02	—	—	40	10	Dynawatt
$I_C = 0.15$ A Max Continuous										
11	2N5059		250	30/150	0.03	1.0	0.03	30	1.0	TO-39
12	2N5058		300	35/150	0.03	1.0	0.03	30	1.0	TO-39
$I_C = 0.5$ A Max Continuous										
13	TIP61	TIP62	40	40/-	0.05	0.07	0.50	3.0	15	TO-220
14	TIP61A	TIP62A	60	40/-	0.05	0.07	0.50	3.0	15	TO-220
15	TIP61B	TIP62B	80	40/-	0.05	0.07	0.50	3.0	15	TO-220
16	TIP61C	TIP62C	100	40/-	0.05	0.07	0.50	3.0	15	TO-220
17	SE7055		220	40/-	0.03	1.00	0.02	50	1.0	TO-39
18	SE7056		300	40/-	0.03	1.00	0.02	50	1.0	TO-39
19	MPS-U10F		300	40/-	0.03	—	—	40	10	Dynawatt
$I_C = 1.0$ A Max Continuous										
20	FT427		30	20/-	0.50	—	—	—	10	Dynawatt
21	FT527		30	20/-	0.50	—	—	—	10	TO-220
22	D40D1F	D41D1F	30	50/150	0.10	0.5	0.5	—	10	Dynawatt
23	TIP29	TIP30	40	15/75	1.00	0.7	1.0	3.0	30	TO-220
24		2N4898	40	20/100	0.50	0.6	1.0	3.0	25	TO-66
25	2N4910		40	20/100	0.50	0.6	1.0	4.0	25	TO-66
26	D40D4F	D41D4F	45	50/150	0.10	0.5	0.5	—	10	Dynawatt
27	TIP29A	TIP30A	60	15/75	1.00	0.7	1.0	3.0	30	TO-220
28		2N3740	60	30/100	0.25	0.6	1.0	4.0	25	TO-66