

FAIRCHILD TRANSISTORS

SMALL SIGNAL

NPN RF-IF AMPLIFIER AND OSCILLATOR TRANSISTORS (BY ASCENDING FREQUENCY) (Cont'd)

Item	DEVICE NO.	PG @ f [GMA] (OSC POWER)		V _{CEO} V Min	f _T MHz Min	C _{ob} [C _{ce}] (C _{cb}) pF Max	NF dB Max	@ f MHz	PD T _A 25°C mW	Package No.
		dB Min	MHz							
1	BF159	22	40	20	600	1.2	3.5 (Typ)	60	310	TO-106
2	BF163	22	40	40	400	0.8 (Typ)	3.0 (Typ)	40	310	TO-106
3	PE5025	25	45	30	300	(1.1)	—	—	425 (65°C)	TO-92
4	FTR118	27	45	20	300	(0.2) (Typ)	5.0	45	500	TO-92
5	BF167	27	45	30	300	0.22	3.0 (Typ)	45	175	TO-72
6	PE5030B	28	45	40	600	(0.4)	—	—	425 (65°C)	TO-92
7	BF222	20 (Typ)	100	50	400	0.4 (Typ)	5.0	0.1	310	TO-72
8	2N3563	14	200	12	600	1.7	—	—		TO-106
9	2N5179	15	200	12	900	(1.0)	4.5	200	250	TO-72
10	2N918	15	200	15	600	1.7	6.0	60	200	TO-72
11	PN918	15	200	15	600	1.7	6.0	60	625	TO-92
12	BF162	15	200	40	400	1.2	5.5	200	310	TO-106
13	PN3690	15	200	40	400	1.6	5.5	200	200	TO-92
14	FTR168	16	200	300	400	0.12 (Typ)	4.0	200	500	TO-92
15	2N5130	17	200	12	450	(1.7)	—	—	200	TO-106
16	SE5020	20	200	20	375	0.5	3.3	200	175	TO-18
17	FTR158	20	200	20	300	(0.20) (Typ)	3.3	200	500	TO-92
18	SE5035	22	200	30	600	0.3	—	—	200	TO-18
19	FTR129	22	200	30	600	(0.20) (Typ)	4.5	200	500	TO-92
20	PE5031	22	200	30	600	(0.4)	4.5	200	425 (65°C)	TO-92
21	2N2857	12.5	450	15	1000	(1.0)	4.5	450	250	TO-72
22	2N3839	12.5	450	15	1000	(1.0)	3.4	450	250	TO-72
23	2N3880	14	450	15	1200	(.75)	3.5	450	250	TO-72
24	2N5031	14	450	10	1000	(1.5)	2.5	450	250	TO-72
25	FMT1090	14 (Typ)	450	14	1400 (Typ)	(1.2)	4.0	450	600	TO-92
26	FMT1091	15 (Typ)	450	14	1400 (Typ)	(1.2)	3.5	450	600	TO-92
27	FMT1190	12.5 (Typ)	450	12	1400 (Typ)	(1.2)	5.0	450	600	TO-92
28	FMT2060	15 (Typ)	450	14	1000	(1.0)	2.8 (Typ)	450	240	TO-120
29	FMT2080	13.0 (Typ)	450	14	1400 (Typ)	(0.9)	2.0 (Typ)	450	200	TO-72
30	FMT2085	13.0 (Typ)	450	14	1400 (Typ)	(1.0)	2.0 (Typ)	450	400	TO-92