

FAIRCHILD TRANSISTORS

SMALL SIGNAL

GENERAL PURPOSE AMPLIFIER AND SWITCHING TRANSISTORS

(BY ASCENDING V_{CE0}) (Cont'd)

(ALSO SEE LOW LEVEL AND HIGH VOLTAGE SECTION)

Item	DEVICE NO. Polarity		V _{CEO} (V _{CER}) V Min	h _{FE} @ I _C (h _{fe}) mA Min/Max		V _{CE(sat)} V @ I _C Max mA		C _{ob} pF Max	f _T MHz Min	t _{off} ns Max	P _D T _A 25°C T _C 25°C mW W		Package No.
	NPN	PNP											
1	MPS6531	MPS6534M	40	90/270	100	0.30	100	5.0	—	—	625	1.0	TO-92
2	BC140-16	BC160-16	40	100/250	100	1.40	1000	25	60	800	800	5.0	TO-39
3	BC140-25	BC160-25	40	160/400	100	1.40	1000	25	50	—	800	5.0	TO-39
4	2N3567		40	40/120	150	0.25	150	20	60	—	300	0.8	TO-105
5	PN3567		40	40/120	150	0.25	150	20	60	—	625	1.0	TO-92
6	2N2218A		40	40/120	150	0.30	150	8.0	250	285	800	3.0	TO-39
7	2N2221A		40	40/120	150	0.30	150	8.0	250	285	500	1.8	TO-18
8	2N4400		40	50/150	150	0.40	150	6.5	200	255	625	—	TO-92
9	2N697		(40)	40/120	150	1.50	150	35	50	—	600	2.0	TO-39
10	2N3569		40	100/300	150	0.25	150	20	60	—	300	0.8	TO-105
11	2N2219A		40	100/300	150	0.30	150	8.0	300	285	800	3.0	TO-39
12	PN2219A		40	100/300	150	0.30	150	8.0	300	285	625	1.0	TO-92
13	2N2222A		40	100/300	150	0.30	150	8.0	300	285	500	1.8	TO-18
14	PN2222A		40	100/300	150	0.30	150	8.0	300	285	625	1.0	TO-92
15	2N4401		40	100/300	150	0.40	150	6.5	250	225	625	—	TO-92
16		MPS6516	40	50/100	2.0	0.50	2.0	4.0	—	—	625	1.0	TO-92
17		BCY70	40	50/-	10	0.25	10	6.0	200	—	360	1.2	TO-18
18		2N3250	40	50/150	10	0.25	10	6.0	250	225	360	1.2	TO-18
19		2N3905	40	50/150	10	0.25	10	4.5	200	260	625	—	TO-92
20		BFY64	40	80/-	10	0.30	50	10	200	120	700	3.0	TO-39
21		2N3251	40	100/300	10	0.25	10	6.0	300	250	360	1.2	TO-18
22		PN3251	40	100/300	10	0.25	10	6.0	250	225	625	1.0	TO-92
23		2N3906	40	100/300	10	0.25	10	4.5	250	300	625	—	TO-92
24		2N2904	40	40/120	150	0.40	150	8.0	200	110	600	3.0	TO-39
25		PN2906	40	40/120	150	0.40	150	8.0	200	110	625	1.0	TO-92
26		2N4402	40	50/150	150	0.40	150	8.5	150	255	625	—	TO-92
27		2N4037	40	50/250	150	1.40	150	—	60	—	1000	—	TO-39
28		BC116A	40	80/240	150	0.40	150	8.0	130	—	300	0.8	TO-39
29		2N2905	40	100/300	150	0.40	150	8.0	200	110	600	3.0	TO-39
30		2N2907	40	100/300	150	0.40	150	8.0	200	110	400	1.8	TO-18