

# FAIRCHILD TRANSISTORS

## SMALL SIGNAL

### GENERAL PURPOSE AMPLIFIER AND SWITCHING TRANSISTORS

(BY ASCENDING V<sub>CE0</sub>) (Cont'd)

(ALSO SEE LOW LEVEL AND HIGH VOLTAGE SECTION)

Item	DEVICE NO. Polarity		V <sub>CE0</sub> (V <sub>CER</sub> ) V Min	h <sub>FE</sub> (h <sub>fe</sub> ) Min/Max	@ I <sub>C</sub> mA	V <sub>CE(sat)</sub> V @ I <sub>C</sub>		C <sub>ob</sub> pF Max	f <sub>T</sub> MHz Min	t <sub>off</sub> ns Max	PD		Package No.
	NPN	PNP				Max	mA				T <sub>A</sub> 25°C mW	T <sub>C</sub> 25°C W	
1		2N4403	40	100/300	150	0.40	150	8.5	200	255	625	—	TO-92
2		BCY71	45	100/600	10	0.25	10	6.0	200	—	360	1.2	TO-18
3		2N3502	45	115/300	50	0.25	50	8.0	200	100	700	3.0	TO-39
4		2N3504	45	115/300	50	0.25	50	8.0	200	100	400	1.3	TO-18
5		2N3644	45	115/300	50	0.25	50	8.0	200	100	300	0.7	TO-105
6		PN3644	45	115/300	50	0.25	50	8.0	200	100	625	1.0	TO-92
7	PN3693		45	40/160	10	—	—	3.5	200	—	625	1.0	TO-92
8	PN3694		45	100/400	10	—	—	3.5	200	—	625	1.0	TO-92
9	BFY56		45	30/150	150	0.30	150	2.5	40	625	800	5.0	TO-39
10	2N3642		45	40/120	150	0.22	150	8.0	250	—	350	0.7	TO-105
11	PN3642		45	40/120	150	0.22	150	8.0	250	—	625	1.0	TO-92
12	2N2270		45	50/200	150	0.90	150	15	100	—	1000	5.0	TO-39
13	2N4409		50	60/400	1.0	0.20	1.0	12	60	—	625	—	TO-92
14	2N915		50	50/200	10	1.00	10	3.5	250	—	360	1.2	TO-18
15	2N718A		(50)	40/120	150	1.50	150	25	60	—	500	1.8	TO-18
16	2N1613		(50)	40/120	150	1.50	150	25	80	—	800	3.0	TO-39
17	2N3053		(50)	50/250	150	1.40	150	15	100	—	—	5.0	TO-39
18	2N1711		(50)	100/300	150	1.50	150	25	70	—	800	3.0	TO-39
19		BFX39	55	40/-	100	0.50	500	20	100	400	800	4.0	TO-39
20		2N4354	60	50/500	10	0.15	150	30	100	—	350	0.8	TO-105
21		2N3250A	60	50/150	10	0.25	10	6.0	250	225	360	1.2	TO-18
22		2N3251A	60	100/300	10	0.25	10	6.0	300	250	360	1.2	TO-18
23		2N4355	60	100/400	10	0.15	150	30	100	—	350	0.8	TO-105
24		PN4355	60	100/400	10	0.15	150	30	100	—	625	1.0	TO-92
25		2N3503	60	115/300	50	0.25	50	8.0	200	100	700	3.0	TO-39
26		2N3505	60	115/300	50	0.25	50	8.0	200	100	400	1.3	TO-18
27		2N3645	60	115/300	50	0.25	50	8.0	200	100	300	0.7	TO-105
28		PN3645	60	115/300	50	0.25	50	8.0	200	100	300	0.7	TO-105
29	BC537-6	BC527-6	60	40/100	100	0.50	1000	15	100	—	625	1.0	TO-92
30		2N4030	60	40/120	100	0.15	150	20	100	—	800	4.0	TO-39