

FAIRCHILD TRANSISTORS

SMALL SIGNAL

HIGH SPEED SWITCHING TRANSISTORS (BY ASCENDING V_{CEO}) (FOR MEDIUM SPEED—SEE GENERAL PURPOSE SECTION)

Item	DEVICE NO.		V _{CEO} (V _{CER}) V Min	t _s @ I _C (t _{off}) ns mA		hFE @ I _C mA		V _{CE} (sat) @ I _C V mA		f _T MHz Min	C _{ob} pF Max	P _D		Package No.
	Polarity NPN	PNP		Max	Min/Max	Max	Max	25°C mW	25°C W					
1		2N5228	5.0	(140)	10	30/-	10	0.40	10	300	5.0	625	1.0	TO-92
2		2N3639	6.0	30	10	30/120	10	0.16	10	500	3.5	200	0.5	TO-106
3	2N5134		10	18	10	20/150	10	0.25	10	250	4.0	200	0.5	TO-106
4	2N4274		12	13	10	35/120	10	0.20	10	400	4.0	280	0.83	TO-106
5	2N5224		12	(60)	10	40/400	10	0.35	10	250	4.0	625	1.0	TO-92
6		2N4258A	12	15	10	30/120	10	0.15	10	700	3.0	200	0.5	TO-106
7		2N4208	12	20	10	30/120	10	0.15	10	700	3.0	350	0.7	TO-18
8		2N4258	12	20	10	30/120	10	0.15	10	700	3.0	200	0.5	TO-106
9		PN4258	12	20	10	30/120	10	0.15	10	700	3.0	625	1.0	TO-92
10		2N4313	12	20	10	30/120	30	0.19	30	700	4.5	200	0.5	TO-106
11		PN3640	12	(35)	50	30/120	10	0.20	10	500	3.5	625	1.0	TO-92
12		2N3640	12	50	10	30/120	10	0.20	10	500	3.5	200	0.5	TO-106
13		2N2894	12	(90)	30	30/150	30	0.20	30	400	6.0	360	1.2	TO-18
14		BSX29	12	(90)	30	30/120	30	0.20	30	400	6.0	360	1.2	TO-18
15		2N4209	15	20	10	50/120	10	0.18	10	850	3.0	350	0.7	TO-18
16		2N5771	15	20	10	50/120	10	0.15	10	850	3.0	625	1.0	TO-92
17	2N4275		15	13	10	35/120	10	0.20	10	400	4.0	280	0.83	TO-106
18	2N2369		15	13	10	40/120	10	0.25	10	500	4.0	360	1.2	TO-18
19	PN2369		15	13	10	40/120	10	0.25	10	500	4.0	625	1.0	TO-92
20	2N2369A		15	13	10	40/120	10	0.20	10	500	4.0	360	1.2	TO-18
21	2N5769		15	13	10	40/120	10	0.20	10	500	4.0	625	1.0	TO-92
22	BSX26		15	13	10	40/120	10	0.25	10	500	4.0	360	1.2	TO-18
23	2N3009		15	18	10	30/120	30	0.18	30	350	5.0	360	1.2	TO-52
24	2N3013		15	18	10	30/120	30	0.18	30	350	5.0	360	1.2	TO-52
25	2N3646		15	18	10	30/120	30	0.20	30	350	5.0	200	0.5	TO-106
26	MPS3646		15	18	10	30/120	30	0.20	30	350	5.0	625	1.0	TO-92
27	2N5772		15	18	10	30/120	30	0.20	30	350	5.0	625	1.0	TO-92
28	BSX20		15	18	10	30/120	30	0.18	30	350	5.0	360	1.2	TO-18
29	2N914		15	20	20	30/120	10	0.25	20	300	6.0	360	1.2	TO-18
30	2N708		15	25	10	30/120	10	0.40	10	300	6.0	360	1.2	TO-18
31	2N3014		20	18	10	30/120	30	0.18	30	350	5.0	360	1.2	TO-52
32	BSX39		20	18	10	40/120	30	0.18	30	350	6.0	360	1.2	TO-18

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