

## 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		$V_{CE0}$ ( $V_{CER}$ ) V Min	$h_{FE}$ @ $I_C$ ( $h_{fe}$ ) mA		$V_{CE(sat)}$ V Max	@ $I_C$ mA	$C_{ob}$ pF Max	$f_T$ MHz Min	$t_{off}$ ns Max	$P_D$		Package No.
	NPN	PNP		Min/Max	Max						$T_A$ 25°C mW	$T_C$ 25°C W	
1	2N3641		30	40/120	150	0.22	150	8.0	250	—	350	0.70	TO-105
2	2N3300		30	100/300	150	0.22	150	8.0	250	150	800	3.0	TO-39
3	2N3302		30	100/300	150	0.22	150	8.0	250	150	360	1.80	TO-18
4	2N2219		30	100/300	150	0.40	150	8.0	250	—	800	3.0	TO-39
5	2N2222		30	100/300	150	0.40	150	8.0	250	—	500	1.8	TO-18
6	2N3643		30	100/300	150	0.22	150	8.0	250	—	350	0.70	TO-105
7	PN3643		30	100/300	150	0.22	150	8.0	250	—	625	1.0	TO-92
8		2N4125	30	50/150	2.0	0.40	2.0	4.5	200	—	625	—	TO-92
9		2N5227	30	50/700	2.0	0.40	2.0	5.0	100	—	625	—	TO-92
10		PN4916	30	70/200	10	0.14	10	4.5	400	150	625	1.0	TO-92
11		PN4917	30	150/300	10	0.14	10	4.5	200	150	625	1.0	TO-92
12		MPS3703	30	30/150	50	0.25	50	12	100	—	625	1.0	TO-92
13		BC126	30	30/120	150	0.50	150	—	—	—	300	0.8	TO-105
14	BC737-6	BC727-6	35	40/100	100	0.75	1000	45	100	—	1120	3.4	TO-92
15		PE8551	35	40/180	100	0.5	1000	45	100	—	1120	3.4	TO-92
16	BC737	BC727	35	40/250	100	0.75	1000	45	100	—	1120	3.4	TO-92
17	BC737-10	BC727-10	35	63/160	100	0.75	1000	45	100	—	1120	2.4	TO-92
18	BC737-16	BC727-16	35	100/200	100	0.75	1000	45	100	—	1120	2.4	TO-92
19		2N1132	35	30/90	150	1.50	150	45	60	—	600	2.0	TO-39
20	PE8051		35	40/180	100	.75	1000	45	100	—	1120	3.4	TO-92
21	BFY50		35	30/-	150	0.20	150	12	50	—	800	2.86	TO-39
22	MPSA10		40	40/400	5.0	—	—	4.0	50	—	625	1.0	TO-92
23	MPSA20	MPSA70	40	40/400	5.0	0.25	5.0	4.0	125	—	625	1.0	TO-92
24	2N3903		40	50/150	10	0.20	10	4.0	250	225	625	—	TO-92
25	2N3904		40	100/300	10	0.20	10	4.0	300	225	625	—	TO-92
26	2N3947		40	100/300	10	0.20	10	4.0	300	450	360	1.2	TO-18
27	BC140	BC160	40	40/400	100	1.40	1000	25	50	—	800	5.0	TO-39
28	BC140-6	BC160-6	40	40/100	100	1.40	1000	25	50	—	800	5.0	TO-39
29	MPS6530		40	40/120	100	0.50	100	5.0	—	—	625	1.0	TO-92
30	BC140-10	BC160-10	40	63/160	100	1.40	1000	25	50	—	800	5.0	TO-39