

SMALL SIGNAL TRANSISTORS

NPN GENERAL PURPOSE TRANSISTORS - TO 39

V _{CEO} V _{CER} * (V)	h _{FE} min/max	@ I _C (mA)	Type	V _{CE(sat)} max (V)	@ I _C (mA)	f _T min (MHz)	t _s t _{off} * (ns)	P _{tot} (mW)	Also available
40	40/250	100	BC 140	0.35 typ.	500	50	850*	800	h _{FE} groups -6, -10, -16
60	40/250	100	BC 141	0.35 typ.	500	50	850*	800	
30	40/—	150	BFY 51	0.35	150	50	160 typ.	800	BFY 52
30	100/300	150	2N 2219	1.6	500	250	225	800	
35	30/—	150	BFY 50	0.2	150	60	140 typ.	800	2N 2218
40	50/250	150	2N 3053	1.4	150	100 typ.	—	800	
40	100/300	150	2N 2219A	1	500	250	225	800	2N 2218A
50*	40/120	150	2N 1613	1.5	150	60	—	800	
50*	100/300	150	2N 1711	1.5	150	70	—	800	BFY 56
55	40/120	150	BFY 56A	0.25	150	60	800*	800	
60	40/120	150	2N 3108	1.4	150	100 typ.	—	800	2N 3110
60	100/300	150	2N 3107	1.4	150	100 typ.	—	800	
65	40/120	150	2N 2102	0.5	150	60	30*	1000	2N 3109
80	40/120	150	2N 1893	5	150	50	—	800	
80	40/120	150	2N 3020	0.5	500	80 typ.	—	800	
80	100/300	150	2N 3019	0.5	500	100 typ.	—	800	
40	40/240	500	BC 440	1	1000	50	—	1000	
50	40/250	500	2N 5321	0.8	500	50	800*	1000	
60	40/240	500	BC 441	1	1000	50	—	1000	
75	30/130	500	2N 5320	0.5	500	50	800*	1000	

PNP GENERAL PURPOSE TRANSISTORS - TO 18

V _{CEO} (V)	h _{FE} min/max	@ I _C (mA)	Type	V _{CE(sat)} max (V)	@ I _C (mA)	f _T min (MHz)	t _s t _{off} * (ns)	P _{tot} (mW)	Also available
30	90/—	10	BFX 48	0.3	50/5	400	160*	360	2N 3250
40	50/—	10	BCY 70	0.5	50/5	250	350	350	
40	100/300	10	2N 3251	0.5	50/5	300	200	360	BCY 72
40	150/300	10	2N 4035	0.3	50/5	450	150*	360	
45	100/600	10	BCY 71	0.5	50/5	200	—	350	
40	100/300	150	2N 2907	0.4	150/15	200	80	400	2N 3505
45	100/300	150	2N 3504	0.4	150/15	200	40	400	
60	40/120	150	2N 2906A	0.4	150/15	200	80	400	2N 2906
60	100/300	150	2N 2907A	0.4	150/15	200	80	400	