

SMALL SIGNAL TRANSISTORS

NPN TRANSISTORS FOR FAST AND ULTRA FAST SWITCHING

V_{CE0} (V)	h_{FE} min/max	@ I_C (mA)	Type	$V_{CE(sat)}$ max (V)	@ I_C/I_B (mA)	f_T min (MHz)	t_s t_{off}^* (ns)	P_{tot} (mW)	Package
12	30/120	10	BSX 28	0.25	30/3	400	13	360	TO 18
15	30/120	10	2N 708	0.4	10/1	300	75*	360	
15	30/120	10	2N 914	0.7	200/20	300	20	360	
15	40/120	10	BSX 20	0.6	100/10	450	13	360	
15	40/120	10	2N 2369	0.25	10/1	500	13	360	
15	40/120	10	2N 2369A	0.2	10/1	500	13	360	
15	30/120	30	BSX 26	0.5	300/30	350	18	360	
20	30/120	30	2N 3014	0.18	100/10	350	18	360	
20	40/120	30	BSX 39	0.28	100/10	350	18	360	
15	25/—	100	2N 3013	0.5	300/30	350	18	360	
30	60/150	100	2N 4013	0.20	100/10	300	60*	500	
30	30/120	150	2N 2845	0.4	150/15	350	40*	360	
40	60/150	100	BSX 32	0.5	500/50	300	60*	800	TO 39
50	60/150	100	2N 3725	0.52	500/50	300	60*	800	

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V_{CE0} (V)	h_{FE} min/max	@ I_C (mA)	Type	$V_{CE(sat)}$ max (V)	@ I_C/I_B (mA)	f_T min (MHz)	t_{off} (ns)	P_{tot} (mW)	Package
12	30/120	30	BSX 29	0.2	30/3	400	90	360	TO 18
12	40/120	30	2N 2894	0.2	100/10	400	90	360	
20	30/120	30	2N 3209	0.2	30/3	400	90	360	