

NPN Switching Transistors by Ascending  $V_{ce0}$ 

Part Type	$V_{ce0}$ (V) Min	$V_{cbo}$ (V) Min	$V_{ce(sat)}$ (V) Max	@ $I_c/I_b$ (mA)	$C_{ob}$ (pF) Max	$F_t$ (MHz) Max	$t_{(off)}$ (ns) Max	Package
MMBT5134	10	20	0.25	10/1.0	4.0	250	18	TO-236
PN5134	10	20	0.25	10/1.0	4.0	250	18	TO-92
2N5224	12	25	0.35	10/3.0	4.0	250	60	TO-92
BSV52	12		0.25	10/1.0	4.0	400	18	TO-236
MMBT4274	12	30	0.20	30/3.0	5.0	350	25	TO-236
MMBT5224	12	25	0.35	10/3.0	4.0	250	60	TO-236
PN4274	12	30	0.20	30/3.0	5.0	350	25	TO-92
BSX39	14		0.25	10/1.0			18	TO-236
2N2369	15	40	0.25	10/1.0	4.0	400	18	TO-18
2N2369A	15	40	0.2	10/1.0	4.0	500	18	TO-18
2N3013	15	40	0.18	30/3.0	5.0	350	25	TO-52
2N5769	15	40	0.2	10/1.0	4.0	500	18	TO-92
2N5772	15	40	0.2	30/3.0	5.0	350	25	TO-92
2N706	15	25	0.6	10/1.0	6.0	200	75	TO-18
MMBT2369	15	40	0.25	10/1.0	4.0	400	18	TO-236
MMBT2369A	15	40	0.2	10/1.0	4.0	500	18	TO-236
MMBT3013	15	40	0.18	30/3.0	5.0	350	25	TO-236
MMBT3646	15	40	0.20	30/3.0	5.0	350	28	TO-236
MMBT4275	15	40	0.20	30/3.0	5.0	350	28	TO-236
MMBT5769	15	40	0.2	10/1.0	4.0	500	18	TO-236
MMBT5772	15	40	0.2	30/3.0	5.0	350	28	TO-236
MMBT706	15	25	0.6	10/1.0	6.0	200	75	TO-236
MMBT706A	15	25	0.69	10/1.0	6.0	200	75	TO-236
MPS2369	15	40	0.25	10/1.0	4.0	500	18	TO-92
MPS3646	15	40	0.20	30/3.0	5.0	350	28	TO-92
MPS706	15	25	0.6	10/1.0	6.0	200	75	TO-92
MPS706A	15	25	0.6	10/1.0	6.0	200	75	TO-92
PN2369	15	40	0.25	10/1.0	4.0	400	12	TO-92
PN2369A	15	40	0.20	10/1.0	4.0	400	12	TO-92
PN3646	15	40	0.20	10/1.0	4.0	500	18	TO-92
PN4275	15	40	0.20	30/3.0	5.0	350	28	TO-92
2N2710	20	40	0.25	10/1.0	4.0	400	35	TO-18
2N3014	20	40	0.18	30/3.0	5.0	350	25	TO-52
MMBT2710	20	40	0.25	10/1.0	4.0	500	35	TO-236
MMBT3014	20	40	0.18	30/3.0	5.0	350	25	TO-236
2N3724	30	50	0.20	10/1.0	4.0	300	35	TO-39
2N4013	30	50	0.2	100/10	10	300	60	TO-18
2N3253	40	75	0.6	500/50	12	175	70	TO-39
2N3725	50	80	0.26	10/1.0	4.0	300	35	TO-39
2N4014	50	80	0.26	100/108	10	300	60	TO-18