

# 10 AMP NPN



Sorted by  $I_c$ , then  $V_{CE0}$

Ratings based on 25°C case temperature unless otherwise specified

Part Number	$I_c$ max (A)	$V_{CE0}$ max (V)	$h_{FE}$ min	$h_{FE}$ max	@ $I_c$ (A)	$V_{CE(sat)}$ max (V)	@ $I_c$ (A)	$f_T$ min (MHz)	$P_T$ max * $T_c = 100^\circ\text{C}$ (W)	Package
2N3018	10	50	60	150	Note 1	0.75	Note 1	Note 1	25	TO-61
2N5049	10	50	15	60	Note 1	2.5	Note 1	Note 1	100	TO-61
2N2811	10	60	20	60	5	0.5	5	15	40*	TO-61
2N2812	10	60	40	120	5	0.5	5	15	40*	TO-61
2N3920	10	60	100	300	Note 1	1.2	Note 1	Note 1	15	TO-3
2N5083	10	60	40	120	Note 1	0.5	Note 1	Note 1	20	TO-59
2N5084	10	60	100	300	Note 1	0.5	Note 1	Note 1	20	TO-111/I
2N5622	10	60	70	200	5	0.9	5	40	116	TO-3
2N5877	10	60	20	100	Note 1	1	Note 1	Note 1	150	TO-3
2N6387	10	60	1000	2000	Note 1	2	Note 1	Note 1	65	TO-257
2N2813	10	80	20	60	5	0.5	5	15	40*	TO-61
2N2814	10	80	40	120	5	0.5	5	15	40*	TO-61
2N4301	10	80	30	120	5	0.4	5	40	50*	TO-61
2N5006	10	80	30	90	5	0.9	5	30	116	TO-61/I
2N5008	10	80	70	200	5	0.9	5	40	116	TO-61/I
2N5085	10	80	40	120	Note 1	0.5	Note 1	Note 1	20	TO-111/I
2N5313	10	80	30	90	10	1.5	10	30	50*	TO-61
2N5317	10	80	30	90	5	0.6	5	30	50*	TO-61/I
2N5327	10	80	100	300	1	0.4	3	50	5*	TO-5
2N5328	10	80	50	150	Note 1	0.6	Note 1	Note 1	30	TO-111/I
2N5552	10	80	50	150	Note 1	0.5	Note 1	Note 1	15	TO-5
2N5624	10	80	30	90	5	0.9	5	30	116	TO-3
2N5626	10	80	70	200	5	0.9	5	40	116	TO-3
2N5658	10	80	50	150	Note 1	0.5	Note 1	Note 1	30	TO-59
2N5659	10	80	50	150	Note 1	0.5	Note 1	Note 1	30	TO-111
2N5730	10	80	30	300	2	1.2	5	30	52.5	TO-59
2N5854	10	80	30	90	5	0.9	5	20	66*	TO-61/I
2N6128	10	80	30	120	5	0.9	50	40	67*	TO-61/I
2N6217	10	80	20	80	5	0.5	5	20	71*	TO-3
2N6270	10	80	20	100	Note 1	1	Note 1	Note 1	262	TO-3
2N6388	10	80	1000	2000	Note 1	2	Note 1	Note 1	65	TO-257
2N6495	10	80	10	60	Note 1	1.5	Note 1	Note 1	70	TO-66
2N7368	10	80	50	175	1	1	5	Note 1	115	TO-254
SFT5152	10	80	30	200	2.5	1.5	5	60	10	TO-5; SMD.5
SFT5154	10	80	70	200	2.5	1.5	5	70	10	TO-5; SMD.5
SPT5006	10	80	30	90	5	1.5	10	30	100	TO-61; TO-3; TO-254; SMD1
SPT5008	10	80	70	200	5	1.5	10	40	100	TO-61; TO-3; TO-254; SMD1
2N1902	10	100	10	30	Note 1	1	Note 1	Note 1	125	TO-61