

# 20 AMP NPN



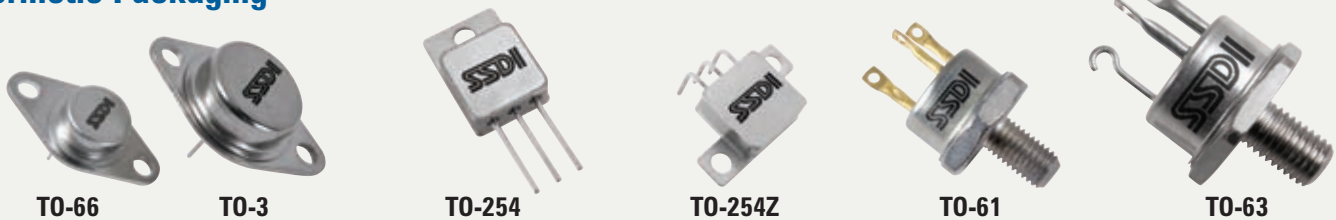
Sorted by  $I_c$ , then  $V_{CE0}$

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
2N3597	20	40	40	120	10	0.5	10	30	100*	TO-63
2N6257	20	40	15	75	8	1.5	8	0.8	150	TO-3
2N1936	20	60	10	50	Note 1	0.75	Note 1	Note 1	150	TO-63
2N3598	20	60	40	120	10	0.5	10	30	100*	TO-63
2N3772	20	60	15	60	10	4	20	0.2	150	TO-3
2N4210	20	60	20	100	10	1	10	10	100*	TO-63
2N6046	20	60	20	100	20	2	20	25	114	TO-63
2N5039	20	75	30	150	2	1	10	Note 1	140	TO-3
2N1937	20	80	10	50	Note 1	0.75	Note 1	Note 1	150	TO-63
2N3599	20	80	40	120	10	0.5	10	30	100*	TO-63
2N4211	20	80	20	100	10	1	10	10	100*	TO-63
2N5303	20	80	15	60	Note 1	1.5	Note 1	Note 1	200	TO-3
2N5731	20	80	30	300	5	1.2	10	30	87.5	TO-61/I
2N5732	20	80	30	300	5	1.2	10	40	87.5	TO-3
2N5038	20	90	50	200	2	1	12	Note 1	140	TO-3
2N5329	20	90	40	120	10	1.8	20	40	65*	TO-61/I
2N5957	20	100	30	120	10	0.9	10	10	100*	TO-61/I
2N5959	20	100	30	120	10	0.9	10	10	100*	TO-61
2N6047	20	100	20	100	20	2	20	25	114	TO-63
2N5539	20	130	25	75	10	0.8	15	20	100*	TO-63
2N6048	20	140	20	100	20	2	20	25	114	TO-63
2N3846	20	200	40	240	5	0.75	1.6	Note 1	150	TO-63
2N3848	20	200	40	200	Note 1	1	Note 1	Note 1	150	TO-63
2N6688	20	200	20	80	Note 1	1.5	Note 1	Note 1	200	TO-3
2N3847	20	300	40	240	5	0.75	1.6	Note 1	150	TO-63
2N3849	20	300	40	200	Note 1	1	Note 1	Note 1	150	TO-63
SFT10000/3	20	350	10	-	1	3	20	Note 1	175	TO-3
SPT6060/3	20	350	15	60	20	2	20	Note 1	125	TO-3
2N6837	20	450	7.5	30	Note 1	3	Note 1	Note 1	250	TO-3

Note 1: Contact factory for values and more information.

## Hermetic Packaging



TO-66

TO-3

TO-254

TO-254Z

TO-61

TO-63