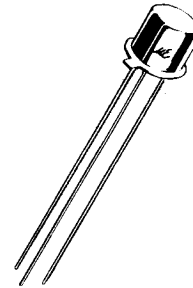


General Purpose Transistors npn

TO-106



TO-18



TYPE NO.	Maximum Ratings					Electrical Characteristics @ T _A = 25°C				CASE
	P _D @ T _A = 25°C	I _C	BV _{CEO}	LV _{CEO}	BV _{EBO}	h _{FE} @ V _{CE} @ I _C min./max.	V _{CE(sat)} @ I _C /I _B max.	C _{ob} max.	f _T @ I _C min.	
ME 6001	250mW	500mA	40V	30V	5V	30/200 @ 1V @ 50mA	0.25V @ 50/ 2.5mA	10pF	200MHz @ 50mA	TO-106
ME 6002	250mW	500mA	40V	30V	5V	75/300 @ 1V @ 50mA	0.25V @ 50/ 2.5mA	10pF	200MHz @ 50mA	TO-106
ME 6003	250mW	500mA	25V	25V	4V	30/300 @ 5V @ 50mA	0.30V @ 50/ 5.0mA	12pF	150MHz @ 50mA	TO-106
ME 6101	250mW	500mA	70V	50V	6V	40/200 @ 10V @ 150mA	0.35V @ 150/15.0mA	8pF	250MHz @ 20mA	TO-106
ME 6102	250mW	500mA	60V	45V	6V	100/300 @ 10V @ 150mA	0.35V @ 150/15.0mA	8pF	250MHz @ 20mA	TO-106
ME 8001	300mW	500mA	40V	30V	5V	30/ — @ 10V @ 150mA	0.50V @ 150/15.0mA	15pF	100MHz @ 50mA	TO-106
ME 8002	300mW	500mA	120V	80V	7V	40/200 @ 10V @ 150mA	0.30V @ 150/15.0mA	15pF	100MHz @ 50mA	TO-106
ME 8003	300mW	500mA	80V	60V	7V	100/350 @ 10V @ 150mA	0.30V @ 150/15.0mA	15pF	100MHz @ 50mA	TO-106
MA 6001	600mW	500mA	40V	30V	5V	30/200 @ 1V @ 50mA	0.25V @ 50/ 2.5mA	5pF	200MHz @ 50mA	TO-18
MA 6002	600mW	500mA	40V	30V	5V	75/300 @ 1V @ 50mA	0.25V @ 50/ 2.5mA	5pF	200MHz @ 50mA	TO-18
MA 6003	600mW	500mA	25V	25V	4V	30/300 @ 5V @ 50mA	0.30V @ 50/ 5.0mA	5pF	150MHz @ 50mA	TO-18
MA 6101	600mW	500mA	70V	50V	6V	40/200 @ 10V @ 150mA	0.35V @ 150/15.0mA	5pF	250MHz @ 20mA	TO-18
MA 6102	600mW	500mA	60V	45V	6V	100/300 @ 10V @ 150mA	0.35V @ 150/15.0mA	5pF	250MHz @ 20mA	TO-18
MA 8001	800mW	500mA	40V	30V	5V	30/ — @ 10V @ 150mA	0.50V @ 150/15.0mA	12pF	100MHz @ 50mA	TO-39
MA 8002	800mW	500mA	120V	80V	7V	40/200 @ 10V @ 150mA	0.30V @ 150/15.0mA	10pF	100MHz @ 50mA	TO-39
MA 8003	800mW	500mA	80V	60V	7V	100/350 @ 10V @ 150mA	0.30V @ 150/15.0mA	10pF	100MHz @ 50mA	TO-39
2N 696	600mW	500mA	60V	—	5V	20/ 60 @ 10V @ 150mA	1.50V @ 150/15.0mA	35pF	40MHz @ 50mA	TO-5
2N 697	600mW	500mA	60V	—	5V	40/120 @ 10V @ 150mA	1.50V @ 150/15.0mA	35pF	50MHz @ 50mA	TO-5
2N 698	800mW	500mA	120V	60V	7V	20/ 60 @ 10V @ 150mA	5.00V @ 150/15.0mA	15pF	40MHz @ 50mA	TO-5
2N 699	600mW	500mA	120V	—	5V	40/120 @ 10V @ 150mA	5.00V @ 150/15.0mA	20pF	50MHz @ 50mA	TO-5
2N 718	400mW	500mA	60V	—	5V	40/120 @ 10V @ 150mA	1.50V @ 150/15.0mA	35pF	50MHz @ 50mA	TO-18
2N 956	500mW	500mA	75V	—	7V	100/300 @ 10V @ 150mA	1.50V @ 150/15.0mA	25pF	70MHz @ 50mA	TO-18
2N 1420	600mW	1A	60V	—	5V	100/300 @ 10V @ 150mA	1.50V @ 150/15.0mA	35pF	50MHz @ 50mA	TO-5
2N 1482	#5W	1.5A	100V	55V	12V	35/100 @ 4V @ 200mA	1.40V @ 200/20.0mA	—	1MHz @ 100mA	TO-5
2N 1613	800mW	500mA	75V	—	7V	40/120 @ 10V @ 150mA	1.50V @ 150/15.0mA	25pF	60MHz @ 50mA	TO-5
2N 1711	800mW	500mA	75V	—	7V	100/300 @ 10V @ 150mA	1.50V @ 150/15.0mA	25pF	70MHz @ 50mA	TO-5
2N 1893	800mW	500mA	120V	80V	7V	40/120 @ 10V @ 150mA	1.50V @ 150/15.0mA	15pF	50MHz @ 50mA	TO-5
2N 1990	600mW	1A	100V	—	3V	20/ — @ 10V @ 30mA	0.50V @ 20/ 0.2mA	—	—	TO-5
2N 2017	1W	1A	60V	60V	8V	50/200 @ 10V @ 200mA	2.00V @ 200/20.0mA	—	—	TO-39
2N 2102	1W	1A	120V	65V	7V	40/120 @ 10V @ 150mA	0.50V @ 150/15.0mA	15pF	60MHz @ 50mA	TO-5
2N 2192	800mW	1A	60V	40V	5V	100/300 @ 10V @ 150mA	0.35V @ 150/15.0mA	20pF	90MHz @ 50mA	TO-5
2N 2192A	800mW	1A	60V	40V	5V	100/300 @ 10V @ 150mA	0.25V @ 150/15.0mA	20pF	50MHz @ 50mA	TO-5
2N 2193	800mW	1A	80V	50V	8V	40/120 @ 10V @ 150mA	0.35V @ 150/15.0mA	20pF	50MHz @ 50mA	TO-5
2N 2193A	800mW	1A	80V	50V	8V	40/120 @ 10V @ 150mA	0.25V @ 150/15.0mA	20pF	50MHz @ 50mA	TO-5
2N 2194	800mW	1A	60V	40V	5V	20/ 60 @ 10V @ 150mA	0.35V @ 150/15.0mA	20pF	50MHz @ 50mA	TO-5
2N 2194A	800mW	1A	60V	40V	5V	20/ 60 @ 10V @ 150mA	0.25V @ 150/15.0mA	20pF	50MHz @ 50mA	TO-5
2N 2195	600mW	1A	45V	25V	5V	20/ — @ 10V @ 150mA	0.35V @ 150/15.0mA	20pF	50MHz @ 50mA	TO-5
2N 2195A	600mW	1A	45V	25V	5V	20/ — @ 10V @ 150mA	0.25V @ 150/15.0mA	20pF	50MHz @ 50mA	TO-5
2N 2243	800mW	1A	120V	80V	7V	40/120 @ 10V @ 150mA	0.35V @ 150/15.0mA	15pF	50MHz @ 50mA	TO-39
2N 2243A	800mW	1A	120V	80V	7V	40/120 @ 10V @ 150mA	0.25V @ 150/15.0mA	15pF	50MHz @ 50mA	TO-39
2N 2270	1W	1A	60V	45V	7V	50/200 @ 10V @ 150mA	0.90V @ 150/15.0mA	15pF	100MHz @ 50mA	TO-39
2N 2539	500mW	800mA	60V	30V	5V	50/150 @ 10V @ 50mA	0.45V @ 150/15.0mA	—	250MHz @ 50mA	TO-18
2N 2657	1.25W	5A	80V	60V	8V	40/120 @ 2V @ 1A	0.50V @ 1.0/0.1A	150pF	20MHz @ 200mA	TO-39
2N 2658	1.25W	5A	100V	80V	8V	40/120 @ 2V @ 1A	0.50V @ 1.0/0.1A	150pF	20MHz @ 200mA	TO-39
2N 3019	800mW	1A	140V	80V	7V	100/300 @ 10V @ 150mA	0.20V @ 150/15.0mA	12pF	100MHz @ 50mA	TO-39
2N 3020	800mW	1A	140V	80V	7V	40/120 @ 10V @ 150mA	0.20V @ 150/15.0mA	12pF	80MHz @ 50mA	TO-5
2N 3053	1W	700mA	60V	40V	5V	50/250 @ 10V @ 150mA	1.40V @ 150/15.0mA	15pF	100MHz @ 50mA	TO-5
2N 3057	400mW	1A	100V	60V	7V	100/300 @ 10V @ 150mA	0.20V @ 150/15.0mA	12pF	100MHz @ 50mA	TO-39
2N 3107	800mW	150mA	100V	60V	7V	100/300 @ 1V @ 150mA	0.25V @ 150/15.0mA	20pF	70MHz @ 50mA	TO-5
2N 3108	800mW	150mA	100V	60V	7V	40/120 @ 1V @ 150mA	0.25V @ 150/15.0mA	20pF	60MHz @ 50mA	TO-5