

STMicroelectronics Power Bipolar Transistors



Products may be RoHS compliant. Check mouser.com for RoHS status.

NPN POWER BIPOLAR TRANSISTORS

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	STMicroelectronics Part No.	Case Type	V _{CEO} Max. (V)	I _C Max. (A)	V _{CE} (SAT)		H _{FE}		f _T		Price Each			
					Max. (V)	@ I _C (A)	Min/Typ/Max	@ I _C (A)	Min/Typ (MHz)	@ I _C (A)	1	10	100	250
◆ 511-2STR1215	2STR1215	SOT-23	15	1.5	0.85	2	200/280/560	0.5	---/---	1.5				
511-TIP29A	TIP29A	TO-220AB	60	1	0.7	1	15/---/75	1	---/---	---				
511-TIP31A	TIP31A	TO-220AB	60	3	1.2	3	10/---/50	3	---/---	---				
511-TIP120	TIP120	TO-220AB	60	5	4	5	1000/---/---	3	---/---	---				
511-D44H8	D44H8	TO-220AB	60	10	1	8	60/---/---	2	---/---	---				
◆ 511-MJD3055	MJD3055T4	TO-252	60	10	1.1	4	20/---/100	4	2/---	0.5				
511-MJE3055T	MJE3055T	TO-220AB	60	10	8	10	20/---/70	4	2	0.5				
511-TIP3055	TIP3055	TO-247	60	15	3	10	20/---/70	4	---/---	---				
511-BD139	BD139	SOT-32	80	1.5	0.5	0.5	40/---/250	0.15	---/---	---				
511-BD679A	BD679A	SOT-32	80	4	2.8	2	750/---/---	2	---/---	---				
◆ 511-MJD44H11	MJD44H11T4	TO-252	80	8	1	8	40/---/---	4	---/---	---				
511-D44H11	D44H11	TO-220AB	80	10	1	8	40/---/---	4	---/---	---				
511-MJB44H11T4	MJB44H11T4	D2PAK	80	10	1	8	60/---/---	2	---/---	---				
511-2STW100	2STW100	TO-247	80	25	3.5	20	300/---/6000	20	---/---	---				
511-2STW200	2STW200	TO-247	80	25	3.5	20	300/---/6000	20	---/---	---				
511-TIP29C	TIP29C	TO-220AB	100	1	0.7	1	15/---/75	1	---/---	---				
◆ 511-MJD112	MJD112T4	TO-252	100	2	4	4	1000/---/12000	2	25/---	0.75				
511-TIP112	TIP112	TO-220AB	100	2	2.5	2	500/---/---	2	---/---	---				
◆ 511-MJD31CT4	MJD31CT4	TO-252	100	3	1.2	3	10/---/50	3	---/---	---				
511-TIP31C	TIP31C	TO-220AB	100	3	1.2	3	10/---/50	3	---/---	---				
511-BD681	BD681	SOT-32	100	4	2.5	1.5	750/---/---	1.5	---/---	---				
511-TIP41C	TIP41C	TO-220AB	100	6	1.5	6	15/---/75	3	---/---	---				
511-MJD122	MJD122T4	TO-252	100	8	2	4	1000/---/12000	4	---/---	---				
511-TIP102	TIP102	TO-220AB	100	8	2.5	8	1000/---/20000	3	---/---	---				
511-TIP132	TIP132	TO-220AB	100	8	4	6	1000/---/15000	4	---/---	---				
511-TIP142	TIP142	TO-247	100	10	3	10	500/---/---	10	---/---	---				
511-TIP142T	TIP142T	TO-220AB	100	10	3	10	500/---/---	10	---/---	---				
511-BDW93C	BDW93C	TO-220AB	100	12	3	10	750/---/20000	5	---/---	---				
511-TIP35C	TIP35C	TO-247	100	25	4	25	10/---/50	15	3/---	1				
511-2SD1047	2SD1047	TO-3P	140	12	0.5	5	60/---/200	1	---/20	0.5				
◆ 511-2STD1665T4	2STD1665T4	TO-252	150	6	0.05	0.1	150/310/350	2	---/---	---				
◆ 511-MJD47	MJD47T4	TO-252	250	1	1	1	30/---/150	0.3	10/---	0.2				
◆ 511-MJD340	MJD340T4	TO-252	300	0.5	---	---	30/---/240	0.05	---/---	---				
◆ 511-MJD350T4	MJD350T4	TO-252	300	0.5	---	---	30/---/240	0.05	---/---	---				
511-MJE340	MJE340	SOT-32	300	0.5	---	---	30/---/240	0.05	---/---	---				
511-ST901T	ST901T	TO-220AB	350	4	2	2	1800/---/3800	2	---/---	---				
511-BU941ZT	BU941ZT	TO-220AB	350	15	1.8	10	300/---/---	5	---/---	---				
511-BUB941ZTT4	BUB941ZTT4	TO-263	350	15	1.8	8	300/---/---	5	---/---	---				
511-TIP50	TIP50	TO-220AB	400	1	1	1	30/---/150	0.3	10/---	10				
511-2STL2580	2STL2580	TO-92	400	1	1	1	60/100/---	25	---/---	---				
511-BU931P	BU931P	TO-247	400	15	1.6	7	300/---/---	5	---/---	---				
511-BUF420AW	BUF420AW	TO-247	450	30	2	20	---/---/---	---	---/---	---				
511-STX616-AP	STX616-AP	TO-92	500	1.5	1	1	4/---/---	1.5	---/---	---				
511-STX0560	STX0560	TO-92	600	1	1	0.5	70/---/---	50	---/---	---				
511-BU508AF	511-BU508AF	ISOWATT-218FX	700	8	1	4.5	10/---/30	0.1	---/---	---				
511-BU508AW	BU508AW	TO-247	700	8	1	4.5	10/---/30	0.1	---/---	---				
511-MD2310FX	MD2310FX	TO-3PF	700	14	2.5	7	6/---/8.5	7	---/---	---				
511-BUL216	BUL216	TO-220AB	800	4	3	2	12/---/40	0.4	---/---	---				
511-BUL416T	BUL416T	TO-220AB	800	6	1.5	4	18/---/32	0.7	---/---	---				