

STMicroelectronics Triacs



Thyristors

STMicroelectronics

LOGIC LEVEL TRIACS (CONT.) (DC Gate Trigger Voltage @ 25°C Max.: 1.5V)

Package Type: I = Isolated Case
N = Non-Isolated Case

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	STM Part No.	Case Type	Pkg. Type	ITRMS Max. (A)	VDRM Min. (V)	IGT Max. (mA)	IDRM @ 25°C Max. (mA)	VTM @ 25°C Max. (V)	Pg (AV) (W)	Igt Typ. (µSec)	Price Each				
											1	100	500		
Thru Hole															
511-Z0107DA	Z0107DA 1AA2	TO-92	N	0.8	400	5	0.01	1.50	0.1	2.0	.40	.34	.30		
511-Z0109DA	Z0109DA 1AA2	TO-92	N	0.8	400	10	0.01	1.50	0.1	2.0	.36	.31	.27		
511-Z0103MA	Z0103MA 1AA2	TO-92	N	0.8	600	3	0.01	1.50	0.1	2.0	.29	.26	.23		
511-Z0109MA	Z0109MA 1AA2	TO-92	N	0.8	600	10	0.01	1.50	0.1	2.0	.37	.32	.29		
511-Z0103NA5AL2	Z0103NA 5AL2	TO-92	N	0.8	800	3	0.01	1.50	0.1	2.0	.35	.31	.27		
511-Z0405DE	Z0405DE 1AA2	TO-202-1	N	4.0	400	5	0.005	2.00	0.2	2.0	.66	.56	.50		
511-Z0410DF	Z0410DF 1AA2	TO-202-2	N	4.0	400	25	0.005	2.00	0.2	2.0	.56	.48	.42		
511-Z0405MF	Z0405MF 1AA2	TO-202-2	N	4.0	600	5	0.005	2.00	0.2	2.0	.72	.61	.54		
511-Z0410MF	Z0410MF 1AA2	TO-202-2	N	4.0	600	25	0.005	2.00	0.2	2.0	.62	.53	.47		
511-T410-700H	T410-700H	IPAK	N	4.0	700	10	0.005	1.60	1.0	2.0	.62	.54	.48		
511-BTB06-600SW	BTB06-600CWRG	TO-220AB	N	6.0	600	10	0.01	1.75	1.0	2.0	.66	.58	.51		
511-BTA08-600SW	BTA08-600SWRG	TO-220AB	I	8.0	600	10	0.01	1.75	1.0	2.0	.92	.78	.69		
511-BTA08-700TW	BTA08-700TWRG	TO-220AB	I	8.0	700	5	0.01	1.75	1.0	2.0	.90	.77	.68		
511-BTB12-700SW	BTB12-700SWRG	TO-220AB	N	12.0	700	10	0.005	1.55	1.0	2.0	.80	.68	.60		

SNUBBERLESS TRIACS (DC Gate Trigger Voltage @ 25°C Max.: 1.5V)

Package Type: I = Isolated Case
N = Non-Isolated Case

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	STM Part No.	Case Type	Pkg. Type	ITRMS Max. (A)	VDRM Min. (V)	IGT Max. (mA)	IDRM @ 25°C Max. (mA)	VTM @ 25°C Max. (V)	Pg (AV) (W)	Igt Typ. (µSec)	Price Each				
											1	100	500		
Surface Mount															
511-T410-600B	T410-600B	TO-252	N	4.0	600	10	0.01	1.75	1.0	2.0	.66	.56	.50		
511-T435-600B	T435-600B	TO-252	N	4.0	600	35	0.01	1.75	1.0	2.0	.57	.49	.44		
511-T835-600B-TR	T835-600B-TR	TO-252	N	8.0	600	35	0.005	1.50	1.0	2.0	.97	.76	.67		
511-T835-600G	T835-600G	TO-263	N	8.0	600	35	0.005	1.50	1.0	2.0	.98	.85	.75		
511-T810-800G-TR	T810-800G-TR	TO-263	N	8.0	800	10	0.005	1.55	1.0	2.0	.84	.71	.63		
511-T1205-600G	T1205-600G	TO-263	N	12.0	600	5	0.005	1.50	1.0	2.0	.81	.63	.56		
511-T1235-600G	T1235-600G	TO-263	N	12.0	600	35	0.005	1.50	1.0	2.0	1.28	1.09	.96		
511-T1235-800G	T1235-800G-TR	TO-263	N	12.0	800	35	0.005	1.50	1.0	2.0	.94	.74	.66		
511-T1635-600G	T1635-600G	TO-263	N	16.0	600	35	0.005	1.50	1.0	2.0	1.56	1.33	1.16		
511-T1635-700G	T1635-700G-TR	TO-263	N	16.0	700	35	0.005	1.50	1.0	2.0	.88	.75	.66		
511-T2535-600G	T2535-600G	TO-263	N	25.0	600	35	0.005	1.50	1.0	2.0	2.28	1.94	1.71		
Thru Hole															
511-T435-700H	T435-700H	IPAK	N	4.0	700	35	0.005	1.60	1.0	2.0	.62	.54	.48		
511-BTB06-400BW	BTB06-400BWRG	TO-220AB	N	6.0	400	50	0.005	1.55	1.0	2.0	.66	.56	.50		
511-BTA06-600CW	BTA06-600CWRG	TO-220AB	N	6.0	600	35	0.005	1.55	1.0	2.0	.94	.80	.71		
511-T630-800W	T630-800W	ISOWATT220	I	6.0	800	30	0.005	1.40	1.0	2.0	1.07	.94	.83		
511-BTA08-600CW	BTA08-600CWRG	TO-220AB	I	8.0	600	35	0.01	1.75	1.0	2.0	.90	.77	.68		
511-BTA08-600BW	BTA08-600BWRG	TO-220AB	I	8.0	600	50	0.01	1.75	1.0	2.0	.92	.78	.65		
511-BTB08-600CW	BTB08-600CWRG	TO-220AB	N	8.0	600	35	0.01	1.75	1.0	2.0	.88	.75	.66		
511-BTB08-600BW	BTB08-600BWRG	TO-220AB	N	8.0	600	50	0.01	1.75	1.0	2.0	.78	.68	.60		
511-BTB08-700BW	BTB08-700BWRG	TO-220AB	N	8.0	700	50	0.01	1.75	1.0	2.0	.88	.75	.66		
511-T830-800W	T830-800W	ISOWATT220	I	8.0	800	30	0.01	1.50	1.0	2.0	1.12	.95	.84		
511-BTA10-600BW	BTA10-600BW	TO-220AB	I	10.0	600	50	0.01	1.65	1.0	2.0	1.00	.85	.74		
511-BTB10-600BW	BTB10-600BWRG	TO-220AB	N	10.0	600	50	0.01	1.65	1.0	2.0	.84	.71	.63		
511-BTA10-700CW	BTA10-700CWRG	TO-220AB	I	10.0	700	50	0.01	1.65	1.0	2.0	.96	.82	.72		
511-BTA10-800BW	BTA10-800BWRG	TO-220AB	I	10.0	800	50	0.01	1.65	1.0	2.0	1.10	.94	.80		
511-BTA10-800CW	BTA10-800CWRG	TO-220AB	I	10.0	800	50	0.01	1.65	1.0	2.0	1.00	.85	.75		
511-BTB10-800CW	BTB10-800CWRG	TO-220AB	N	10.0	800	35	0.01	1.65	1.0	2.0	.74	.65	.57		
511-BTB10-800BW	BTB10-800BWRG	TO-220AB	N	10.0	800	50	0.01	1.65	1.0	2.0	.80	.68	.60		
511-BTA12-600BW	BTA12-600BWRG	TO-220AB	I	12.0	600	50	0.01	1.60	1.0	2.0	1.04	.88	.77		
511-BTB12-600BW	BTB12-600BWRG	TO-220AB	N	12.0	600	50	0.01	1.75	1.0	2.0	.84	.73	.65		
511-BTA12-800BW	BTA12-800BWRG	TO-220AB	I	12.0	800	50	0.01	1.60	1.0	2.0	1.00	.85	.75		
511-BTB12-800CWRG	BTB12-800CWRG	TO-220AB	N	12.0	800	35	0.005	1.55	1.0	2.0	1.03	.90	.80		
511-BTA16-600CW	BTA16-600CWRG	TO-220AB	I	16.0	600	35	0.01	1.60	1.0	2.0	1.64	1.39	1.23		
511-BTA16-600BW	BTA16-600BWRG	TO-220AB	I	16.0	600	50	0.01	1.60	1.0	2.0	1.20	1.02	.89		
511-BTB16-600CW	BTB16-600CWRG	TO-220AB	N	16.0	600	35	0.01	1.50	1.0	2.0	1.12	.95	.84		
511-BTB16-600BW	BTB16-600BWRG	TO-220AB	N	16.0	600	50	0.01	1.60	1.0	2.0	1.04	.88	.77		
511-BTA16-700CW	BTA16-700CWRG	TO-220AB	I	16.0	700	35	0.01	1.50	1.0	2.0	.96	.82	.72		
511-BTA16-700BW	BTA16-700BWRG	TO-220AB	I	16.0	700	50	0.01	1.50	1.0	2.0	.96	.82	.72		
511-BTA16-800CW	BTA16-800CWRG	TO-220AB	I	16.0	800	35	0.01	1.50	1.0	2.0	1.08	.92	.81		
511-BTB16-800CWRG	BTB16-800CWRG	TO-220AB	N	16.0	800	35	0.01	1.50	1.0	2.0	1.05	.92	.81		
511-BTA20-700CW	BTA20-700CWRG	TO-220AB	I	20.0	700	35	0.01	1.70	1.0	2.0	1.08	.92	.81		
511-BTA20-700BW	BTA20-700BWRG	TO-220AB	I	20.0	700	50	0.01	1.70	1.0	2.0	1.42	1.21	1.07		
511-BTA26-600BW	BTA26-600BWRG	TOP3	I	25.0	600	50	0.005	1.55	1.0	2.0	3.12	2.72	2.40		
511-BTA24-600BW	BTA24-600BWRG	TO-220AB	I	25.0	600	50	0.005	1.55	1.0	2.0	1.50	1.28	1.11		
511-BTB24-600BW	BTB24-600BWRG	TO-220AB	N	25.0	600	50	0.005	1.55	1.0	2.0	1.62	1.38	1.05		
511-BTA26-800CW	BTA26-800CWRG	TOP3	I	25.0	800	35	0.005	1.55	1.0	2.0	4.09	3.20	2.85		
511-BTA24-800CW	BTA24-800CWRG	TO-220AB	I	25.0	800	35	0.005	1.55	1.0	2.0	1.79	1.56	1.38		
511-BTA26-800BW	BTA26-800BWRG	TOP3	I	25.0	800	50	0.005	1.55	1.0	2.0	3.67	3.20	2.82		
511-BTB24-800BW	BTB24-800BWRG	TO-220AB	N	25.0	800	50	0.005	1.55	1.0	2.0	1.56	1.36	1.20		

