

# STMICROELECTRONICS Surge Protection Devices



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

## OVERVOLTAGE PROTECTED AC SWITCHES

◆ Surface Mount Devices

PRODUCT NEW

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	STM Part No.	Package	I <sub>H</sub> (Max.) (mA)	V <sub>DRM</sub> (Max.) (V)	V <sub>RMM</sub> (Max.) (V)	I <sub>TSM</sub> (Max.) (A)	V <sub>PP</sub> (Max.) (kV)	Price Each			
								1	10	100	250
◆ 511-ACST210-8B	ACST210-8B	TO-252	10	800	800	8.4	2	1.23	1.08	.857	.752
◆ 511-ACST410-8BTR	ACST410-8BTR	TO-252	20	800	800	32	2	1.80	1.60	1.27	1.11
◆ 511-ACST610-8R	ACST610-8R	TO-251	25	800	800	47	2	2.38	1.91	1.70	1.43
◆ 511-ACST830-8FP	ACST830-8FP	TO-220FPAB	30	800	800	80	2	2.68	2.15	1.92	1.61
◆ 511-ACST1010-7FP	ACST1010-7FP	TO-220FPAB	30	700	700	10	2	2.54	2.29	1.84	1.64
◆ 511-ACST1035-7FP	ACST1035-7FP	TO-220FPAB	30	700	700	10	2	2.54	2.29	1.84	1.64

## LED BYPASS PROTECTION

◆ Surface Mount Devices

PRODUCT NEW

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Package	V <sub>PP</sub> (Max) (kV)	I <sub>H</sub> (Max.) (mA)	I <sub>RM</sub> (Max) (nA)	V <sub>BO</sub> (Max.) (V)	I <sub>F</sub> (A)	Operating Temperature Range (°C)	Price Each			
								1	10	100	250
◆ 511-LBP01-0803SC5	SOT-23-5L	30	200	100	15	0.35	-55 to 150	.57	.52	.48	.40
◆* 511-LBP01-0810B	DO-214AA	30	200	100	15	1	-55 to 150	.63	.57	.53	.45

## TRANSIL™ TRANSIENT VOLTAGE SUPPRESSORS

### SM15TY Series 1500 Watt

• Package: DO-214AB

PRODUCT NEW

◆ Surface Mount Devices \*Bidirectional

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	VBR @ IR			IRM @ VRM		VCL Max. (V)	Price Each			
	Min. (Typ.)	Max. (V)	(mA)	Max. (uA)	(V)		1	10	100	250
◆ 511-SM15T18AY	17.1	18.9	1	0.2	15.3	25.2	1.44	1.28	1.03	.91
◆ 511-SM15T27AY	25.7	28.4	1	0.2	23.1	48.3	1.44	1.28	1.03	.91
◆ 511-SM15T30AY	28.5	31.5	1	0.2	25.6	53.5	1.44	1.28	1.03	.91
◆ 511-SM15T47AY	44.7	49.4	1	0.2	40.2	84.0	1.65	1.46	1.18	1.04
◆* 511-SM15T18CAY	17.1	18.9	1	0.2	15.3	25.2	1.53	1.36	1.10	.97
◆* 511-SM15T22CAY	20.9	23.1	1	0.2	18.8	30.6	1.75	1.55	1.25	1.10
◆* 511-SM15T24CAY	22.8	25.2	1	0.2	20.5	42.8	1.75	1.55	1.25	1.10
◆* 511-SM15T27CAY	25.7	28.4	1	0.2	23.1	48.3	1.75	1.55	1.25	1.10
◆* 511-SM15T30CAY	28.5	31.5	1	0.2	25.6	53.5	1.53	1.36	1.10	.97
◆* 511-SM15T33CAY	31.4	34.7	1	0.2	28.2	59.0	1.53	1.36	1.10	.97
◆* 511-SM15T36CAY	34.2	37.8	1	0.2	30.8	64.3	1.75	1.55	1.25	1.10
◆* 511-SM15T39CAY	37.1	41.0	1	0.2	33.3	69.7	1.53	1.36	1.10	.97
◆* 511-SM15T47CAY	44.7	49.4	1	0.2	40.2	84.0	1.75	1.55	1.25	1.10
◆* 511-SM15T57CAY	71.3	78.8	1	0.2	64.1	134.0	1.40	1.24	1.00	.88

### SM2T Series 200 Watt

• Package: DO-214AA

◆ Surface Mount Devices

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	VBR @ IR			VRWM (V)	IRSM Max. (A)	VRSM Max. (V)	Price Each			
	Min. (Typ.)	Max. (V)	(mA)				1	10	100	250
◆ 511-SM2T6V8A	6.4	---	10	5	19.6	9.2	.45	.34	.29	.26

### SM4TY Series 400 Watt

• Package: DO-214AC

◆ Surface Mount Devices \*Bidirectional

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	VBR @ IR			IRM @ VRM		VCL Max. (V)	Price Each			
	Min. (Typ.)	Max. (V)	(mA)	Max. (uA)	(V)		1	10	100	250
◆ 511-SM4T7V6AY	7.2	8.0	10	20.0	6.5	14.5	.42	.38	.30	.27
◆ 511-SM4T33AY	31.1	34.3	1	0.2	28.0	45.4	.77	.69	.55	.49
◆* 511-SM4T23CAY	22.2	24.6	1	0.2	20.0	42.8	.81	.72	.58	.51
◆* 511-SM4T30CAY	28.9	31.9	1	0.2	26.0	53.5	.81	.72	.58	.51
◆* 511-SM4T35CAY	33.3	36.9	1	0.2	30.0	64.3	.81	.72	.58	.51
◆* 511-SM4T39CAY	36.7	40.5	1	0.2	33.0	69.7	.81	.72	.58	.51

### SMM4 Series 400 Watt

• Package: DO-222AA

◆ Surface Mount Devices

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	VBR @ IR			IRM @ VRM	VCL Max. (V)	Price Each				
	Min. (Typ.)	Max. (V)	(mA)			1	10	100	250	
◆ 511-SMM4F12AVCL	13	14	1	0.2	12	14.3	.40	.30	.19	.17

### SM6TY Series 600 Watt

• Package: DO-214AA

◆ Surface Mount Devices \*Bidirectional

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	VBR @ IR			IRM @ VRM		VCL Max. (V)	Price Each			
	Min. (Typ.)	Max. (V)	(mA)	Max. (uA)	(V)		1	10	100	250
◆ 511-SM6T10AY	9.5	10.5	1	20.0	8.6	18.6	.52	.46	.37	.33
◆ 511-SM6T18AY	17.1	18.9	1	0.2	15.3	32.5	.87	.77	.62	.55
◆ 511-SM6T33AY	31.4	34.7	1	0.2	28.2	59.0	.87	.77	.62	.55
◆ 511-SM6T36AY	34.2	37.8	1	0.2	30.8	64.3	.87	.77	.62	.55
◆ 511-SM6T42AY	40.0	44.2	1	0.2	36.0	76.0	.52	.46	.37	.33
◆ 511-SM6T47AY	44.4	49.0	1	0.2	40.0	84.0	.45	.40	.32	.28

### SM6TY Series 600 Watt (Cont.)

• Package: DO-214AA

◆ Surface Mount Devices \*Bidirectional

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	VBR @ IR			IRM @ VRM		VCL Max. (V)	Price Each			
	Min. (Typ.)	Max. (V)	(mA)	Max. (uA)	(V)		1	10	100	250
◆ 511-SM6T68CAY	64.6	68.0	1	0.2	58.1	121.0	.96	.85	.69	.61
◆* 511-SM6T24CAY	22.8	25.2	1	0.2	20.5	42.8	1.02	.90	.73	.64
◆* 511-SM6T30CAY	28.5	31.5	1	0.2	25.6	53.5	.96	.85	.69	.61
◆* 511-SM6T33CAY	31.4	34.7	1	0.2	28.2	59.0	.96	.85	.69	.61
◆* 511-SM6T36CAY	34.2	37.8	1	0.2	30.8	64.3	.96	.85	.69	.61
◆* 511-SM6T39CAY	37.1	41.0	1	0.2	33.3	69.7	.96	.85	.69	.61

### SM6T Series 600 Watt

• Package: DO-214AA

◆ Surface Mount Devices \*Bidirectional

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	VBR @ IR			VRWM (V)	IRSM Max. (A)	VRSM Max. (V)	Price Each			
	Min. (Typ.)	Max. (V)	(mA)				1	10	100	250
◆ 511-SM6T6V8A	6.45	7.14	10	5.80	57.00	10.5	.26	.24	.20	.16
◆ 511-SM6T15A	14.30	15.8	1	12.80	28.00	21.2	.26	.24	.20	.16
◆ 511-SM6T18A	17.10	18.90	1	15.30	24.00	25.2	.26	.24	.20	.16
◆ 511-SM6T22A	20.90	23.10	1	18.80	20.00	30.6	.26	.24	.20	.16
◆ 511-SM6T27A	25.70	28.40	1	23.10	18.00	37.5	.26	.24	.20	.16
◆ 511-SM6T30A	28.50	31.50	1	25.60	14.50	41.5	.26	.24	.20	.16
◆ 511-SM6T33A	31.40	34.70	1	28.20	13.10	45.7	.26	.24	.20	.16
◆ 511-SM6T36A	34.20	37.80	1	30.80	12.00	49.9	.26	.24	.20	.16
◆ 511-SM6T39A	37.10	41.00	1	33.30	11.10	53.9	.26	.24	.20	.16
◆ 511-SM6T68A	64.60	71.40	1	58.10	6.50	92.0	.26	.24	.20	.16
◆ 511-SM6T150A	143.00	158.00	1	128.00	2.90	207.0	.26	.24	.20	.16
◆ 511-SM6T200A	190.00	210.00	1	171.00	2.20	274.0	.26	.24	.20	.16
◆* 511-SM6T6V8CA	6.45	7.14	10	5.80	57.00	10.5	.40	.34	.26	.22
◆* 511-SM6T7V5CA	7.13	7.88	10	6.40	53.00	11.3	.40	.34	.26	.22
◆* 511-SM6T18CA	17.10	18.90	1	15.30	24.00	25.2	.40	.34	.26	.22
◆* 511-SM6T22CA	20.90	23.10	1	18.80	20.00	30.6	.40	.34	.26	.22
◆* 511-SM6T30CA	28.50	31.50	1	25.60	14.50	41.5	.40	.34	.26	.22
◆* 511-SM6T33CA	31.40	34.70	1	28.20	13.10	45.7	.40	.34	.26	.22
◆* 511-SM6T36CA	34.20	37.80	1	30.80	12.00	49.9	.40	.34	.26	.22
◆* 511-SM6T39CA	37.10	41.00	1	33.30	11.10	53.9	.40	.34	.26	.22
◆* 511-SM6T68CA	64.60	71.40	1	58.10	6.50	92.0	.40	.34	.26	.22

### SMA6TY Series 600 Watt

• Package: DO-214AC

◆ Surface Mount Devices \*Bidirectional

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	VBR @ IR			IRM @ VRM		VCL Max. (V)	Price Each			
	Min. (Typ.)	Max. (V)	(mA)	Max. (uA)	(V)		1	10	100	250
◆ 511-SMA6T6V7AY	6.4	7.1	10.0	20.0	5.0	13.4	.55	.49	.39	.35
◆ 511-SMA6T7V6AY	7.2	8.0	10.0	20.0	6.5	14.5	.55	.49	.39	.35
◆ 511-SMA6T12AY	11.4	12.6								