

# STMICROELECTRONICS Surge Protection Devices



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



## TRANSIL™ TRANSIENT VOLTAGE SUPPRESSORS (CONT.)

### SMAJ Series 400 Watt

\* Package: DO-214AC

◆ 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-SMAJ5.0A	6.4	6.74	10	5	43.5	9.2	.41	.341	.273	.20
◆ 511-SMAJ6.0A-TR	6.7	7.05	10	6	38.8	10.3	.41	.341	.273	.20
◆ 511-SMAJ15A-TR	16.7	17.6	1	15	16.4	24.4	.41	.341	.273	.20
◆ 511-SMAJ30A-TR	33.3	35.1	1	30	8.3	48.4	.59	.47	.321	.266
◆ 511-SMAJ33A-TR	36.7	38.6	1	33	7.5	53.3	.41	.341	.273	.20
◆ 511-SMAJ58A-TR	64.4	67.8	1	58	4.3	93.6	.41	.341	.273	.20
◆* 511-SMAJ5.0CA	6.4	6.74	10	5	43.5	9.2	.26	.24	.20	.16
◆* 511-SMAJ12CA	13.3	14.0	1	12	20.1	19.9	.26	.24	.20	.16
◆* 511-SMAJ15CA	16.7	17.6	1	15	16.4	24.4	.26	.24	.20	.16
◆* 511-SMAJ18CA-TR	20.0	21.1	1	18	13.7	29.2	.26	.24	.20	.16
◆* 511-SMAJ30CA-TR	33.3	35.1	1	30	8.3	48.4	.26	.24	.20	.16
◆* 511-SMAJ33CA	36.7	38.6	1	33	7.5	53.3	.26	.24	.20	.16
◆* 511-SMAJ40CA	44.4	46.7	1	40	6.2	64.5	.26	.24	.20	.16

### SMLVT Series Low Voltage 600 Watt

\* Package: DO-214AA

◆ Surface Mount Devices For quantities greater than listed, call for quote.

MOUSER STOCK NO.	VBR @ IR			IRM @ VRM Max. (uA)	VCL (V)	VRSM Max. (V)	Price Each			
	Min. (Typ.)	Max. (V)	(mA)				1	10	100	250
◆ 511-SMLVT3V3	4.1	----	1	200	3.3	7.3	.73	.65	.51	.44

### SMBJ 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-SMBJ5.0A	6.40	6.74	10	5.00	68.00	9.2	.26	.24	.20	.16
◆ 511-SMBJ12A	13.30	14.70	1	12.00	31.00	19.9	.26	.24	.20	.16
◆* 511-SMBJ5.0CA	6.40	6.74	10	5.00	68.00	9.2	.38	.32	.24	.20
◆* 511-SMBJ12CA	13.30	14.70	1	12.00	31.00	19.9	.38	.32	.24	.20
◆ 511-SMBJ15A	16.70	17.60	1	15.00	25.10	24.4	.26	.24	.20	.16
◆ 511-SMBJ24A	26.70	28.10	1	24.00	16.00	38.9	.26	.24	.20	.16
◆ 511-SMBJ28A-TR	31.10	32.70	1	28.00	13.80	45.4	.26	.24	.20	.16
◆ 511-SMBJ30A	33.30	35.10	1	30.00	13.00	48.4	.26	.24	.20	.16
◆* 511-SMBJ15CA	16.70	17.60	1	15.00	25.10	24.4	.38	.32	.24	.20
◆* 511-SMBJ18CA	20.00	22.10	1	18.00	21.50	29.0	.38	.32	.24	.20
◆* 511-SMBJ24CA	26.70	28.10	1	24.00	16.00	38.9	.40	.34	.26	.22
◆* 511-SMBJ30CA	33.30	35.10	1	30.00	13.00	48.4	.40	.34	.26	.22
◆* 511-SMBJ58CA	64.40	67.80	1	58.00	4.00	4.3	.38	.32	.24	.20

### SMA6J Series 600 Watt

\* Package: DO-214AC

◆ 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-SMA6J5.0A-TR	6.40	7.07	10	5.00	68.00	9.1	.23	.20	.17	.16
◆ 511-SMA6J24A-TR	26.7	29.5	1	24.00	16.00	37.8	.22	.20	.17	.16
◆ 511-SMA6J33A-TR	36.7	40.6	1	33.00	11.80	51.9	.22	.20	.17	.16
◆* 511-SMA6J12CA-TR	13.30	14.70	1	12.00	31.00	18.8	.42	.36	.28	.25
◆* 511-SMA6J24CA-TR	26.7	29.5	1	24.00	16.00	37.8	.42	.36	.28	.25

### P6KE Series 600 Watt

\* Package: DO-15

◆ 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-P6KE6V8A	6.45	7.14	10	5.80	57.00	10.5	.29	.26	.23	.21
◆ 511-P6KE10A	9.50	10.50	1	8.55	41.00	14.5	.29	.26	.22	.21
◆ 511-P6KE15A	14.30	15.80	1	12.80	28.00	21.2	.35	.30	.23	.21
◆ 511-P6KE18A	17.10	18.90	1	15.30	24.00	25.2	.29	.26	.23	.21
◆ 511-P6KE27A	25.70	28.40	1	23.10	16.00	37.5	.29	.26	.23	.21
◆ 511-P6KE30A	28.50	31.50	1	25.60	14.50	41.5	.29	.26	.23	.21
◆ 511-P6KE36A	34.20	37.80	1	30.80	12.00	49.9	.29	.26	.23	.21
◆ 511-P6KE39A	37.10	41.00	1	33.30	11.10	53.9	.29	.26	.23	.21
◆ 511-P6KE150A	143.00	158.00	1	128.00	2.90	207	.35	.30	.23	.21
◆ 511-P6KE200A	190.00	210.00	1	171.00	2.20	274	.37	.25	.20	.19
◆* 511-P6KE6V8CA	6.45	7.14	10	5.80	57.00	10.5	.40	.35	.31	.27
◆* 511-P6KE12CA	11.40	12.60	1	10.20	36.00	16.7	.39	.28	.24	.20
◆* 511-P6KE18CA	17.10	18.90	1	15.30	24.00	25.2	.45	.38	.28	.24
◆* 511-P6KE27CA	25.70	28.40	1	23.10	16.00	37.5	.29	.26	.23	.21
◆* 511-P6KE33CA	31.40	34.70	1	28.20	13.10	45.7	.39	.28	.24	.20
◆* 511-P6KE36CA	34.20	37.80	1	30.80	12.00	49.9	.45	.38	.29	.23
◆* 511-P6KE39CA	37.10	41.00	1	33.30	11.10	53.9	.39	.28	.24	.20
◆* 511-P6KE150CA	143.00	158.00	1	128.00	2.90	207	.29	.26	.23	.21

### SMCJ Series 1500 Watt

\* Package: DO-214AB

◆ 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-SMCJ5.0A-TR	6.40	6.74	10	5	171.00	9.2	.64	.56	.46	.40
◆ 511-SMCJ15A-TR	16.70	17.60	1	15.00	64.00	24.4	.64	.56	.46	.40
◆* 511-SMCJ15CA-TR	16.70	17.60	1	15.00	64.00	24.4	.64	.56	.46	.40

### SM15T Series 1500 Watt

\* Package: DO-214AB

◆ 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-SM15T6V8A	6.45	7.14	10	5.80	143.00	10.5	.42	.38	.32	.31
◆ 511-SM15T15A	14.30	15.80	1	12.80	71.00	21.2	.42	.38	.32	.31
◆ 511-SM15T18A	17.10	18.90	1	15.30	59.50	25.2	.42	.38	.32	.31
◆ 511-SM15T27A	25.70	28.40	1	23.10	40.00	37.5	.56	.50	.40	.35
◆ 511-SM15T32A	31.40	34.70	1	28.20	33.00	45.7	.42	.38	.32	.31
◆ 511-SM15T36A	34.20	37.80	1	30.80	30.00	49.9	.56	.52	.40	.36
◆ 511-SM15T39A	37.10	41.00	1	33.30	28.00	53.9	.80	.71	.61	.56
◆ 511-SM15T68A	64.60	71.40	1	58.10	16.30	92.0	.42	.38	.32	.31
◆ 511-SM15T100A	95.00	105.00	1	85.50	11.00	137.0	.56	.52	.40	.36
◆ 511-SM15T200A	190.00	210.00	1	171.00	5.50	274.0	.56	.52	.40	.36
◆* 511-SM15T10CA	9.50	10.50	1	8.55	103.00	14.5	.56	.52	.40	.36
◆* 511-SM15T15CA	14.30	15.80	1	12.80	71.00	21.2	.56	.52	.40	.36
◆* 511-SM15T24CA	22.80	25.20	1	20.50	45.00	33.2	.42	.38	.32	.31
◆* 511-SM15T32CA	31.40	34.70	1	28.20	33.00	45.7	.56	.52	.40	.36
◆* 511-SM15T36CA	34.20	37.80	1	30.80	30.00	49.9	.56	.52	.40	.36
◆* 511-SM15T39CA	37.10	41.00	1	33.30	28.00	53.9	.42	.38	.32	.31
◆* 511-SM15T68CA	64.60	71.40	1	58.10	16.30	92.0	.48	.42	.37	.35
◆* 511-SM15T100CA	95.00	105.00	1	85.50	11.00	137.0	.56	.52	.40	.36
◆* 511-SM15T200CA	190.00	210.00	1	171.00	5.50	274.0	.56	.50	.40	.35
◆* 511-SM15T220CA	209.00	231.00	1	188.00	4.60	328.0	.54	.50	.40	.36

### 1.5KE Series 1500 Watt

\* Package: DO-201

◆ 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
511-1.5KE15A	14.30	15.80	1	12.80	71.00	21.2	.54	.43	.36	.33
511-1.5KE18A	17.10	18.90	1	15.30	59.50	25.2	.54	.43	.36	.33
511-1.5KE22A	20.90	23.10	1	18.80	49.00	30.6	.54	.43	.36	.33
511-1.5KE30A	28.50	31.50	1	25.60	36.00	41.5	.54	.43	.36	.33
511-1.5KE33A	31.40	34.70	1	28.20	33.00	45.7	.54	.43	.36	.33
511-1.5KE36A	34.20	37.80	1	30.80	30.00	49.9	.54	.43	.36	.33
511-1.5KE39A	37.10	41.00	1	33.30	28.00	53.9	.54	.43	.36	.33
511-1.5KE47A	44.70	49.40	1	40.20	23.20	64.8	.60	.50	.42	.36
511-1.5KE68A	64.60	71.40	1	58.10	16.30	92.0	.60	.50	.42	.36
511-1.5KE100A	95.00	105.00	1	85.50	11.00	137.0	.54	.40	.32	.29
511-1.5KE150A	143.00	158.00	1	128.00	7.20	207.0	.54	.43	.36	.33
511-1.5KE200A	190.00	210.00	1	171.00	5.50	274.0	.52	.50	.41	.36
511-1.5KE220A	209.00	231.00	1	188.00	4.60	328.0	.54	.43	.36	.33
511-1.5KE300A	285.00	315.00	1	256.00	5.00	414.0	.56	.48	.40	.36
511-1.5KE400A	380.00	420.00	1	342.00	4.00	548.0	.50	.42	.37	.35
* 511-1.5KE6V8CA	6.45	7.14	10							