

General Purpose Transient Voltage Suppressors

Package	Pw (W)	VBR @ IR Minimum (V)		IRM @ VRM Maximum (µA)		VCL @ IPP 10/1000µs Maximum (V)		Digi-Key Part No.	Cut Tape Pricing			Digi-Key Part No.	Tape and Reel		STMicroelectronics Part No.
		(mA)	(V)	(µA)	(V)	1	10		100	Qty.	Pricing				
Bi-Directional															
SMB	600	6.4	10	800	5.0	9.2	68	497-3145-1-ND	.59	4.71	35.34	497-3145-2-ND	2,500	166.57/M	SMBJ5.0CA-TR
	600	7.2	10	500	6.5	11.2	56	497-3146-1-ND	.59	4.71	35.34	497-3146-2-ND	2,500	166.57/M	SMBJ6.5CA-TR
	600	11.1	1	5	10	17	37	497-3000-1-ND	.59	4.71	35.34	497-3000-2-ND	2,500	166.57/M	SMBJ10CA-TR
	600	13.3	1	5	12	19.9	31	497-3002-1-ND	.59	4.71	35.34	497-3002-2-ND	2,500	166.57/M	SMBJ12CA-TR
	600	26.7	1	1	24	38.9	16	497-3141-1-ND	.59	4.76	35.73	497-3141-2-ND	2,500	167.76/M	SMBJ24CA-TR
	600	33.3	1	1	30	48.4	13	497-3142-1-ND	.65	5.23	39.26	497-3142-2-ND	2,500	184.42/M	SMBJ30CA-TR
	600	36.7	1	1	33	53.3	11.8	497-3005-1-ND	.59	4.71	35.34	497-3005-2-ND	2,500	166.57/M	SMBJ33CA-TR
	600	64.4	1	1	58	93.6	6.7	497-3143-1-ND	.59	4.71	35.34	497-3143-2-ND	2,500	166.57/M	SMBJ58CA-TR
	600	77.8	1	1	70	113	5.5	497-3770-1-ND	.69	5.50	41.23	—	—	—	SMBJ70CA-TR
	Uni-Directional														
DO-201	1500	22	1	1	20	33.2	45	497-4990-1-ND	.73	5.76	43.19	497-4990-3-ND†	600	172.75	LNBTVS3-220
	1800	22	1	1	20	33.2	55	497-4992-1-ND	.83	7.23	57.11	497-4992-3-ND†	600	228.43	LNBTVS4-220
	2000	22	1	1	20	33.2	60	497-4994-1-ND	1.05	9.04	71.39	497-4994-3-ND†	600	285.54	LNBTVS4-221
SMB	600	6.4	10	800	5.0	9.2	68	497-3144-1-ND	.59	4.71	35.34	497-3144-2-ND	2,500	166.57/M	SMBJ5.0A-TR
	600	6.7	10	800	6.0	10.3	61	497-3006-1-ND	.69	5.50	41.23	497-3006-2-ND	2,500	193.94/M	SMBJ6.0A-TR
	600	13.3	1	5	12	19.9	31	497-3001-1-ND	.69	5.50	41.23	497-3001-2-ND	2,500	193.94/M	SMBJ12A-TR
	600	16.7	1	1	15	24.4	25.1	497-3003-1-ND	.69	5.50	41.23	497-3003-2-ND	2,500	193.94/M	SMBJ15A-TR
	600	17.8	1	1	16	26	23.1	497-4293-1-ND	.69	5.50	41.23	497-4293-2-ND	2,500	193.94/M	SMBJ16A-TR
	600	20	1	1	18	29.2	21.5	497-3139-1-ND	.69	5.50	41.23	497-3139-2-ND	2,500	193.94/M	SMBJ18A-TR
	600	26.7	1	1	24	38.9	16	497-3140-1-ND	.69	5.50	41.23	497-3140-2-ND	2,500	193.94/M	SMBJ24A-TR
	600	77.8	1	1	70	113	5.5	497-4294-1-ND	.69	5.50	41.23	—	—	—	SMBJ70A-TR
	600	171	1	1	154	246	2.4	497-4292-1-ND	.69	5.50	41.23	497-4292-2-ND	2,500	193.94/M	SMBJ154A-TR
	SMC	1500	22	1	1	20	33.2	45	497-4991-1-ND	.89	7.69	60.68	—	—	—
3000		22	1	1	20	33.2	90	497-4996-1-ND	1.24	11.04	87.70	—	—	—	LNBTVS4-222S
3000		22	1	1	20	33.2	90	497-4997-1-ND	1.26	11.29	89.62	—	—	—	LNBTVS6-220S
3000		22	1	1	20	33.2	90	497-4998-1-ND	1.53	13.72	108.90	—	—	—	LNBTVS6-221S

† Tape and Box

Application Specific TVS

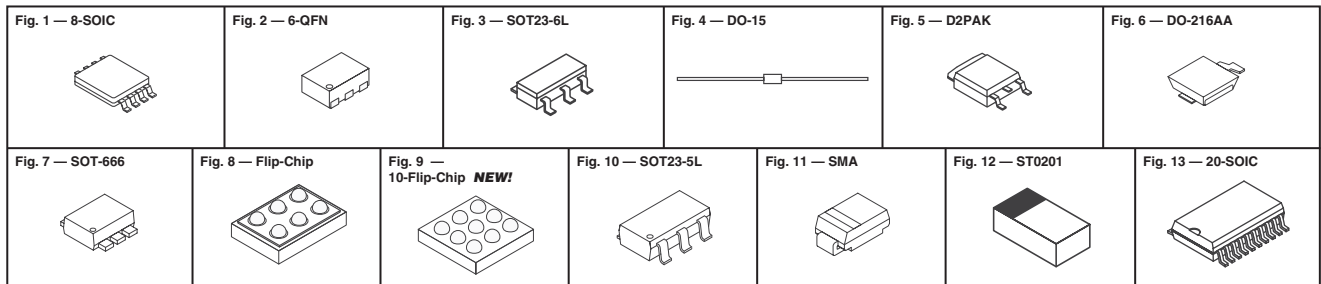


Fig.	Package	Description	Digi-Key Part No.	Cut Tape Price Each			Digi-Key Part No.	Tape and Reel		STMicroelectronics Part No.
				1	10	100		Qty.	Pricing	
1	8-SOIC	Programmable TVS for SLIC Protection	497-3781-1-ND◆	1.46	1.31	1.04	497-3781-2-ND◆	2,500	537.78/M	LCP1521SRL
	8-SOIC	Programmable TVS for SLIC Protection	497-6010-1-ND◆	1.53	1.38	1.09	497-6010-2-ND◆	2,500	565.14/M	LCP1531RL
	8-SOIC	Dual Line Programmable TVS for SLIC Protection	497-6444-1-ND◆	2.36	2.03	1.66	497-6444-2-ND◆	2,500	910.17/M	LCPD1521RL
	8-SOIC	Overvoltage and Overcurrent Protection for Telecom Line	497-3780-1-ND	2.31	1.99	1.62	497-3780-2-ND	2,500	1051.75/M	LCP3121RL
	8-SOIC	12 Diode Array	497-7222-1-ND◆	1.71	1.53	1.21	497-7222-2-ND◆	2,500	627.29/M	DA112S1RL
	8-SOIC	Protection for Ethernet Lines	497-8753-1-ND◆	2.84	2.44	2.00	497-8753-2-ND◆	2,500	1096.96/M	ETP01-1621RL
2	6-QFN	Protection for Gigabit Ethernet Lines	497-10115-1-ND◆ NEW!	5.59	5.03	4.10	497-10115-2-ND◆ NEW!	2,500	2475.90/M	SLVU2.8-4A1
	6-QFN	Protection for Gigabit Ethernet Lines	497-10116-1-ND◆ NEW!	5.96	5.37	4.38	497-10116-2-ND◆ NEW!	2,500	2642.46/M	SLVU2.8-8A1
	6-QFN	Ultra Low Capacitance ESD Protection	497-6967-1-ND◆	1.45	1.31	1.04	497-6967-2-ND◆	3,000	536.59/M	DVULC6-2M6
3	SOT23-6L	Ultra Large Bandwidth ESD Protection	497-6971-1-ND◆	1.63	1.46	1.16	497-6971-2-ND◆	3,000	599.64/M	HDMIULC6-2M6
	SOT23-6L	Ultra Low Capacitance ESD Protection	497-7044-1-ND◆	1.48	1.32	1.05	497-7044-2-ND◆	3,000	542.53/M	USBULC6-2M6
	SOT23-6L	Very Low Capacitance ESD Protection	497-5237-1-ND◆	1.26	1.13	.90	497-5237-2-ND◆	3,000	465.20/M	DVULC6-45C6
4	DO-15	Ultra Large Bandwidth ESD Protection	497-5239-1-ND◆	2.14	1.92	1.52	497-5239-2-ND◆	3,000	787.62/M	HDMIULC6-45C6
	DO-15	Very Low Capacitance ESD Protection	497-5235-1-ND◆	1.19	1.07	.85	497-5235-2-ND◆	3,000	437.84/M	USBULC6-25C6
	DO-15	TVS 160V/700V	497-3138-1-ND◆	.99	.86	.68	497-3138-3-ND†	1,000	359.78	PKC-136
5	DO-15	TVS 160V/700V	497-6478-1-ND◆	1.09	.95	.75	497-6478-2-ND◆	6,000	337.90/M	PKC-136RL
	D2PAK	Reversed Battery and Overvoltage Protection	497-2554-5-ND◆‡	3.49	3.15	2.53	—	—	—	RB040-40G
	D2PAK	Reversed Battery and Overvoltage Protection	497-3714-1-ND◆	3.94	3.38	2.76	497-3714-2-ND◆	1,000	1629.97	RB040-40G-TR
7	DO-216AA	Low Forward Voltage TVS: Transky™	497-3509-1-ND◆	1.09	.95	.75	497-3509-2-ND◆	12,000	324.81/M	SMTY18AM
	SOT-666	ESD Protection for High Speed Interface, VBR = 6V min.	497-5544-1-ND◆	1.05	.91	.72	—	—	—	DSL6C-4P6
	SOT-666	ESD Protection for High Speed Interface, VBR = 7.2V max.	497-7229-1-ND◆	.89	.78	.62	497-7229-2-ND◆	3,000	295.06/M	ESDALC6V1-5P6
	SOT-666	ESD Protection for High Speed Interface, VBR = 9.2V max.	497-7750-1-ND◆	1.15	1.00	.79	497-7750-2-ND◆	3,000	380.73/M	ESDALC6-3BP6
	SOT-666	Ultra Low Capacitance ESD Protection, VBR = 6V min.	497-8469-1-ND◆	1.35	1.21	.96	497-8469-2-ND◆	3,000	494.88/M	DVULC6-2P6
	SOT-666	Ultra Large Bandwidth ESD Protection	497-8754-1-ND◆	1.17	1.05	.83	497-8754-2-ND◆	3,000	428.67/M	HDMIULC6-2P6
8	9 Flip-Chip	ESD Protection, HDMI™, VBR = 6V min.	497-8885-1-ND◆ NEW!	.65	.52	.39	497-8885-2-ND◆ NEW!	5,000	170.57/M	HDMI05-CL02F3
	Flip-Chip	ESD Protection for High Speed Interface, VBR = 6V min.	497-6116-1-ND◆	1.12	1.01	.80	497-6116-2-ND◆	5,000	392.76/M	DSL6C-4F2
	Flip-Chip	ESD Protection for High Speed Interface, VBR = 9.2V max.	497-7749-1-ND◆	1.15	1.00	.79	497-7749-2-ND◆	5,000	354.55/M	ESDALC6-3BF2
9	10 Flip-Chip	ESD Protection, IPAD™	497-8886-1-ND◆ NEW!	2.02	1.81	1.44	497-8886-2-ND◆ NEW!	5,000	705.84/M	HDMIULC6-4F3
	SOT23-5L	Secondary Protection for DSL Lines, 8V	497-5538-1-ND◆	1.19	1.02	.87	—	—	—	DSL01-0085C5
	SOT23-5L	Secondary Protection for DSL Lines, 16V	497-6160-1-ND◆	1.12	1.01	.80	497-6160-2-ND◆	3,000	412.96/M	DSL01-0165C5
10	SOT23-5L	Secondary Protection for DSL Lines, 24V	497-8750-1-ND◆	1.19	1.07	.85	497-8750-2-ND◆	3,000	437.84/M	DSL01-0245C5
	SMA	Low Forward Voltage TVS: Transky™, Stand off Voltage = 5V	497-5539-1-ND◆	.88	.76	.60	497-5539-2-ND◆	5,000	270.08/M	SMTY5.0A
	SMA	Low Forward Voltage TVS: Transky™, Stand off Voltage = 12V	497-5540-1-ND◆	.99	.86	.68	497-5540-2-ND◆	5,000	303.39/M	SMTY12A
11	ST0201	Single Line Low Capacitance ESD Protection, VBR = 6.1V min.	497-8752-1-ND◆	.67	.48	.32	497-8752-2-ND◆	15,000	97.56/M	ESDALC6V1-1U2
	20-SOIC	Secondary Protection for DSL Lines, 10.5V	497-8749-1-ND◆	1.19	1.07	.85	497-8749-2-ND◆	3,000	437.84/M	DSL01-0105C5

◆ RoHS Compliant † Ammo Pack ‡ Tube

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