



Fig.	Pw Watts	Breakdown Voltage VBR		IT (mA)	Dimensions - mm		Digi-Key Part No.	Cut Tape Pricing			Digi-Key Part No.	Tape and Reel	
		Minimum	Maximum		L	W		1	10	100		Qty.	Pricing
1	600	28.9	31.9	1.0	5.59	3.94	SMBJ26A-E3/51GI-ND†	.63	4.72	36.49	—	—	
	600	44.4	49.1	1.0	5.59	3.94	SMBJ40A-E3/52GICT-ND	.45	3.54	24.22	SMBJ40A-E3/52GITR-ND	750	92.94
	1500	6.40	7.07	10	8.13	6.22	SMCJ5.0A-E3/57TGICT-ND	.60	5.17	40.84	SMCJ5.0A-E3/57TGITR-ND	850	202.23
	1500	13.3	14.7	1.0	8.13	6.22	SMCJ12A-E3/57TGICT-ND	.60	5.17	40.84	SMCJ12A-E3/57TGITR-ND	850	202.23
	1500	16.7	18.5	1.0	8.13	6.22	SMCJ15A-E3/57TGICT-ND	.60	5.17	40.84	SMCJ15A-E3/57TGITR-ND	850	202.23
	1500	26.7	29.5	1.0	8.13	6.22	SMCJ24A-E3/57TGICT-ND	.60	5.17	40.84	SMCJ24A-E3/57TGITR-ND	850	202.23
	1500	36.7	40.6	1.0	8.13	6.22	SMCJ33A-E3/51TGI-ND†	.74	6.62	52.28	—	—	
	1500	40.0	44.2	1.0	8.13	6.22	SMCJ36A-E3/57TGICT-ND	.60	5.17	40.84	SMCJ36A-E3/57TGITR-ND	850	202.23
	1500	209	231	1.0	8.13	6.22	SMCJ188A-E3/57TGICT-ND	.60	5.17	40.84	SMCJ188A-E3/57TGITR-ND	850	202.23
	2	500	6.40	7.30	10	—	—	SA5.0-E3/1GI-ND†	.70	5.47	42.16	—	—
500		33.3	36.8	1.0	—	—	SA30A-E3/1GI-ND†	.57	4.43	34.15	—	—	
500		83.3	92.1	1.0	—	—	SA75A-E3/1GI-ND†	.57	4.43	34.15	—	—	
600		6.45	7.14	10	—	—	P6KE6.8A-E3/1GI-ND†	.69	5.38	41.51	—	—	
600		22.8	25.2	1.0	—	—	P6KE24A-E3/1GI-ND†	.58	4.50	34.75	—	—	
3	600	13.3	14.7	1.0	—	—	SMBG12A-E3/1GI-ND†	.63	4.72	36.49	—	—	
	600	14.4	15.9	1.0	—	—	SMBG13A-E3/5BGICT-ND	—	3.52	26.39	SMBG13A-E3/5BGITR-ND	3,200	123.92/M
4	1500	12.4	13.7	1.0	—	—	1.5KE13A-E3/1GI-ND†	1.36	10.62	81.88	—	—	
	250	6.45	7.14	10	—	—	TPSMP6.8AHM3/84AGICT-ND	.40	3.02	21.63	TPSMP6.8AHM3/84AGITR-ND	3,000	94.18/M
5	400	22.8	25.2	1.0	—	—	TPSMP24AHM3/84AGICT-ND	.45	3.35	26.34	TPSMP24AHM3/84AGITR-ND	3,000	123.92/M
	400	40.9	45.2	1.0	—	—	TPSMP43AHM3/84AGICT-ND	.45	3.35	26.34	TPSMP43AHM3/84AGITR-ND	3,000	123.92/M
	100	4.1	—	1.0	—	—	MSP3V3-M3/89AGICT-ND	.17	1.27	9.10	MSP3V3-M3/89AGITR-ND	4,500	56.18/M
6	100	6.40	7.07	10	—	—	MSP5.0A-M3/89AGICT-ND	.30	2.16	12.70	MSP5.0A-M3/89AGITR-ND	4,500	56.18/M
	6600	20.0	22.1	5.0	—	—	SM8S18A-E3/2DGICT-ND	2.12	1.82	1.49	SM8S18A-E3/2DGITR-ND	750	715.61
Bidirectional													
1	300	209	231	1.0	5.28	2.79	SMAJ188CA-E3/61GICT-ND	.46	3.63	24.88	—	—	
	400	6.40	7.25	10	5.28	2.79	SMAJ5.0CA-E3/61GICT-ND	.49	3.82	26.13	SMAJ5.0CA-E3/61GITR-ND	1,800	120.62/M
	400	11.1	12.3	1.0	5.28	2.79	SMAJ10CA-E3/61GICT-ND	.49	3.82	26.13	—	—	
	400	13.3	14.7	1.0	5.28	2.79	SMAJ12CA-E3/61GICT-ND	.49	3.82	26.13	SMAJ12CA-E3/61GITR-ND	1,800	120.62/M
	400	20.0	22.1	1.0	5.28	2.79	SMAJ18CA-E3/61GICT-ND	.49	3.82	26.13	SMAJ18CA-E3/61GITR-ND	1,800	120.62/M
	400	24.4	26.9	1.0	5.28	2.79	SMAJ22CA-E3/61GICT-ND	.49	3.82	26.13	—	—	
	400	26.7	29.5	1.0	5.28	2.79	SMAJ24CA-E3/61GICT-ND	.49	3.82	26.13	SMAJ24CA-E3/61GITR-ND	1,800	120.62/M
	400	36.7	40.6	1.0	5.28	2.79	SMAJ33CA-E3/61GICT-ND	.49	3.82	26.13	SMAJ33CA-E3/61GITR-ND	1,800	120.62/M
	400	44.4	49.1	1.0	5.28	2.79	SMAJ40CA-E3/61GICT-ND	.49	3.82	26.13	SMAJ40CA-E3/61GITR-ND	1,800	120.62/M
	600	6.40	7.25	10	5.59	3.94	SMBJ5.0CA-E3/51GI-ND†	.57	4.99	38.48	—	—	
	600	6.40	7.25	10	5.59	3.94	SMBJ5.0CA-E3/52GICT-ND	.50	3.91	26.76	SMBJ5.0CA-E3/52GITR-ND	750	102.85
	600	8.33	9.21	1.0	5.59	3.94	SMBJ7.5CA-E3/51GI-ND†	.57	4.99	38.48	—	—	
	600	8.89	9.83	1.0	5.59	3.94	SMBJ8.0CA-E3/51GI-ND†	.57	4.99	38.48	—	—	
	600	13.3	14.7	1.0	5.59	3.94	SMBJ12CA-E3/52GICT-ND	.50	3.91	26.76	SMBJ12CA-E3/52GITR-ND	750	102.85
	600	16.7	18.5	1.0	5.59	3.94	SMBJ15CA-E3/1GI-ND†	.65	4.99	38.48	—	—	
	600	16.7	18.5	1.0	5.59	3.94	SMBJ15CA-E3/52GICT-ND	.50	3.91	26.76	SMBJ15CA-E3/52GITR-ND	750	102.85
	600	26.7	29.5	1.0	5.59	3.94	SMBJ24CA-E3/52GICT-ND	.50	3.91	26.76	SMBJ24CA-E3/52GITR-ND	750	102.85
	600	36.7	40.6	1.0	5.59	3.94	SMBJ33CA-E3/1GI-ND†	.69	5.37	41.33	—	—	
	600	44.4	49.1	1.0	5.59	3.94	SMBJ40CA-E3/52GICT-ND	.50	3.91	26.76	SMBJ40CA-E3/52GITR-ND	750	102.85
	600	50.0	55.3	1.0	5.59	3.94	SMBJ45CA-E3/1GI-ND†	.69	5.37	41.33	—	—	
	600	53.3	58.9	1.0	5.59	3.94	SMBJ48CA-E3/51GI-ND†	.61	5.36	41.33	—	—	
	1500	6.40	7.25	10	8.13	6.22	SMCJ5.0CA-E3/57TGICT-ND	.64	5.49	43.28	SMCJ5.0CA-E3/57TGITR-ND	850	214.87
	1500	13.3	14.7	1.0	8.13	6.22	SMCJ12CA-E3/57TGICT-ND	.64	5.49	43.28	SMCJ12CA-E3/57TGITR-ND	850	214.87
	1500	16.7	18.5	1.0	8.13	6.22	SMCJ15CA-E3/57TGICT-ND	.64	5.49	43.28	SMCJ15CA-E3/57TGITR-ND	850	214.87
	1500	26.7	29.5	1.0	8.13	6.22	SMCJ24CA-E3/57TGICT-ND	.64	5.49	43.28	SMCJ24CA-E3/57TGITR-ND	850	214.87
	1500	33.3	36.8	1.0	8.13	6.22	SMCJ30CA-E3/51TGI-ND†	1.09	9.62	76.08	—	—	
	1500	40.0	44.2	1.0	8.13	6.22	SMCJ36CA-E3/57TGICT-ND	.64	5.49	43.28	SMCJ36CA-E3/57TGITR-ND	850	214.87
	1500	44.4	49.1	1.0	8.13	6.22	SMCJ40CA-E3/57TGICT-ND	.64	5.49	43.28	SMCJ40CA-E3/57TGITR-ND	850	214.87
	1500	50.0	55.3	1.0	8.13	6.22	SMCJ45CA-E3/57TGICT-ND	.64	5.49	43.28	SMCJ45CA-E3/57TGITR-ND	850	214.87
	1500	77.8	86.0	1.0	8.13	6.22	SMCJ70CA-E3/51TGI-ND†	1.09	9.62	76.08	—	—	
1500	209	231	1.0	8.13	6.22	SMCJ188CA-E3/57TGICT-ND	.64	5.49	43.28	SMCJ188CA-E3/57TGITR-ND	850	214.87	
2	500	13.3	14.7	1.0	—	—	SA12CA-E3/1GI-ND†	.63	4.91	37.88	—	—	
	600	6.45	7.14	10	—	—	P6KE6.8CA-E3/1GI-ND†	.71	5.56	42.87	—	—	
	600	34.2	37.8	1.0	—	—	P6KE36CA-E3/1GI-ND†	.77	6.01	46.33	—	—	
4	1500	8.65	9.55	1.0	—	—	1.5KE9.1CA-E3/1GI-ND†	1.13	9.82	75.57	—	—	
	1500	28.5	31.5	1.0	—	—	1.5KE30CA-E3/51GICT-ND	1.40	12.55	99.66	1.5KE30CA-E3/51GITR-ND	1,500	553.49/M

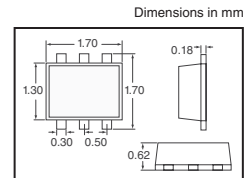
† Bulk



Features:

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Pkg.	Reverse Breakdown Voltage VBR Minimum	Vrrm Min. (V)	IR @ Vrrm Max. (µA)	Digi-Key Part No.	Cut Tape Pricing			Digi-Key Part No.	Tape and Reel		Alpha & Omega Semiconductor Part No.
					1	25	100		Qty.	Pricing	
SC-89-6	6.6	5.0	1.0	785-1163-1-ND	.45	7.46	24.50	785-1163-2-ND	3,000	103.27/M	AOZ8001KI
	6.0	5.0	0.1	785-1168-1-ND	.40	6.56	21.66	—	—	—	AOZ8205KI



Digi-Reel Most SMT cutdown parts are available on a Digi-Reel. For Digi-Reel part number, change 1-ND to 6-ND or CT-ND to DKR-ND. See Digi-Key Services on page 2 for additional information.

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