



Fig.	Package	Reverse Voltage VRWM (V)	Average Forward Current IO (A)	Power Dissipation (mW)	Peak Surge Current IFSM (A)	Forward Voltage Max. @ VF (Vdc) @ IF	Digi-Key Part No.	Cut Tape Pricing			Tape and Reel§	
								1	10	100	Qty.	Pricing
20	POWERMITE	20	1	—	50	0.65 3A	MBRM120LT3GOSCT-ND◆	.44	3.44	23.56	12,000	87.32/M
	POWERMITE	30	1	325	50	0.38 1A	MBRM130LT1GOSCT-ND◆	.44	3.44	23.56	3,000	99.80/M
	POWERMITE	40	1	475	50	0.55 1A	MBRM140T1GOSCT-ND◆	.42	3.27	22.36	3,000	94.94/M
	POWERMITE	40	1	—	50	0.36 0.1A	MBRM140T3GOSCT-ND◆	.42	3.27	22.36	12,000	83.16/M
21	SOD-523	20	0.5	—	2	0.48 500mA	NSR0520V2T1GOSCT-ND◆	.35	2.45	16.35	3,000	58.91/M
	SOD-523	30	0.2	200	0.6	0.35 10mA	BAT54XV2T1GOSCT-ND◆	.47	3.21	15.09	3,000	44.33/M
	SOD-523	30	200	200	—	0.6 200mA	RB520S30T1GOSCT-ND◆	.27	1.84	8.68	3,000	25.51/M
	SOD-523	30	0.2	200	—	0.5 200mA	RB521S30T1GOSCT-ND◆	.27	1.84	8.68	3,000	25.51/M
	SOD-523	40	0.25	—	1.0	0.7 200mA	NSR0240V2T1GOSCT-ND◆	.35	2.45	16.35	3,000	58.91/M
	SOD-523	40	0.25	—	1.0	0.51 200mA	NSR0340V2T1GOSCT-ND◆	.35	2.45	16.35	3,000	58.91/M
	SOD-523	40	0.03	200	—	0.37 1mA	RB751S40T1GOSCT-ND◆	.33	2.20	10.35	3,000	30.42/M
	SOD-923	30	0.1	200	1.0	0.525 100mA	NSR0130P2T5GOSCT-ND◆	.35	2.45	16.35	8,000	55.44/M
22	SOD-923	30	0.2	200	1.0	0.5 200mA	NSR0230P2T5GOSCT-ND◆	.35	2.45	16.35	8,000	55.44/M
	SOD-923	30	0.5	—	—	0.62 500mA	NSR0530P2T5GOSCT-ND◆	.35	2.45	16.35	8,000	55.44/M
	SOD-923	40	0.07	100	0.5	0.35 1mA	NSR0140P2T5GOSCT-ND◆	.35	2.45	16.35	8,000	55.44/M
	SOT-563	23	1	200	—	0.27 10mA	NSR0320XV6T1GOSCT-ND◆	.27	2.10	14.37	—	—
25	SOT-416	30	0.2	225	0.6	0.8 100mA	BAT54CTT1GOSCT-ND◆	.43	2.92	13.77	3,000	40.20/M

◆ RoHS Compliant § For Tape and Reel part number, change CT-ND to TR-ND. † Bulk

Switching Diodes



Fig.	Package	Working Peak Reverse Voltage VRWM	Average Rectified Forward Current IF (mA)	Power Dissipation (mW)	Peak Surge Current IFSM (mA)	Maximum Instantaneous Forward Voltage Drop (VF) IF (mAdc)	Pinning			Digi-Key Part No.	Cut Tape Pricing			Tape and Reel§	
							1	2	3		1	10	100	Qty.	Pricing
13	SOT-323	30	200	200	—	0.8 100	A	A	K	BAT540WT1GOSCT-ND◆	.35	2.42	11.38	3,000	33.27/M
	SOT-323	40	100	150	500	1.2 100	A	—	K	M1MA141KT1GOSCT-ND◆	.28	1.88	8.16	3,000	22.03/M
	SOT-323	70	200	200	500	0.8 10	A	A	K	BAV70WT1GOSCT-ND◆	.28	1.88	8.16	3,000	22.03/M
	SOT-323	70	215	200	500	0.8 10	K	A	K/A	BAV99WT1GOSCT-ND◆	.28	1.88	8.16	3,000	22.03/M
	SOT-323	70	215	200	500	0.855 10	A	K	K/A	BAV99WT1GOSCT-ND◆	.28	1.88	8.16	3,000	22.03/M
	SOT-323	70	200	200	500	0.8 10	K	—	A	BAW56WT1GOSCT-ND◆	.28	1.88	8.16	3,000	22.03/M
	SOT-323	75	200	200	500	0.8 10	A	—	K	BAS16WT1GOSCT-ND◆	.28	1.88	8.16	3,000	22.03/M
15	SOT-23	7	—	225	—	0.6 10	A	K	K/A	MMBD352LT1GOSCT-ND◆	.35	2.49	16.58	3,000	59.60/M
	SOT-23	30	200	225	—	0.8 100	A	A	K	BAT54CLT1GOSCT-ND◆	.28	1.93	9.11	3,000	27.03/M
	SOT-23	30	150	225	450	1.2 100	A	A	K	MMBD2837LT1GOSCT-ND◆	.35	2.25	9.81	3,000	26.34/M
	SOT-23	35	100	225	—	1.2 100	K	K	A	MMBD2835LT1GOSCT-ND◆	.35	2.25	9.81	3,000	26.34/M
	SOT-23	50	100	225	300	1.2 100	A	A	K	MMBD2838LT1GOSCT-ND◆	.35	2.25	9.81	3,000	26.34/M
	SOT-23	50	200	225	500	1 100	A	A	K	BAV74LT1GOSCT-ND◆	.27	1.79	7.78	3,000	21.02/M
	SOT-23	70	200	225	500	0.7 1	A	—	K	MMBD6050LT1GOSCT-ND◆	.35	2.29	9.95	3,000	27.03/M
	SOT-23	70	200	225	500	0.7 1	A	A	K	MMBD6100LT1GOSCT-ND◆	.34	2.24	9.73	3,000	26.34/M
	SOT-23	70	215	225	500	1 10	A	K	K/A	BAV199LT1GOSCT-ND◆	.47	3.22	15.15	3,000	44.50/M
	SOT-23	70	200	225	500	0.8 10	A	A	K/A	BAV70LT1GOSCT-ND◆	.25	1.64	7.11	3,000	19.20/M
	SOT-23	70	215	225	500	0.8 10	A	K	K/A	BAV99LT1GOSCT-ND◆	.28	1.84	8.01	3,000	21.63/M
	SOT-23	70	—	225	—	1 15	A	K	K/A	BAS70-04LT1GOSCT-ND◆	.32	2.27	13.65	3,000	45.74/M
	SOT-23	70	200	225	500	0.8 10	K	K	A	BAW56LT1GOSCT-ND◆	.25	1.64	7.11	3,000	19.20/M
	SOT-23	70	100	225	—	0.8 10	—	K	A	BAL99LT1GOSCT-ND◆	.34	2.24	9.73	3,000	26.27/M
	SOT-23	30	150	225	—	1 10	A	A	K	MMBD2837LT1GOSCT-ND	.28	1.86	8.08	—	—
	SOT-23	50	100	225	—	1 10	A	A	K	MMBD2838LT1GOSCT-ND	.28	1.86	8.08	—	—
	SOT-23	70	215	300	500	1.25 150	A	K	K/A	BAV99LT3GOSCT-ND◆	.28	1.84	8.01	10,000	15.94/M
	SOT-23	75	100	225	—	1.2 100	K	K	A	MMBD2836LT1GOSCT-ND◆	.33	2.16	9.36	3,000	24.95/M
	SOT-23	75	200	225	500	1 10	A	—	K	BAS116LT1GOSCT-ND◆	.43	2.90	13.65	3,000	40.10/M
	SOT-23	75	200	300	500	1.25 150	A	—	K	BAS16LT3GOSCT-ND◆	.27	1.79	7.78	10,000	15.25/M
	SOT-23	75	200	225	500	0.8 10	A	—	K	BAS16LT1GOSCT-ND◆	.27	1.79	7.78	3,000	21.02/M
	SOT-23	100	200	225	500	1 10	A	—	K	MMBD914LT1GOSCT-ND◆	.26	1.74	7.56	3,000	20.10/M
	SOT-23	100	200	225	500	0.7 1	A	K	K/A	MMBD700LT1GOSCT-ND◆	.27	1.79	7.78	3,000	20.79/M
	SOT-23	100	200	225	500	1 10	A	—	K/A	MMBD914LT3GOSCT-ND◆	.26	1.74	7.56	10,000	15.25/M
	SOT-23	120	200	225	625	1 100	A	—	K	BAS19LT1GOSCT-ND◆	.27	1.79	7.78	3,000	21.02/M
SOT-23	200	200	225	625	1 100	A	—	K	BAS20LT1GOSCT-ND◆	.27	1.79	7.78	3,000	21.02/M	
SOT-23	250	200	225	625	1 100	A	—	K	BAS21LT1GOSCT-ND◆	.25	1.64	7.11	3,000	19.20/M	
SOT-23	250	225	225	625	1 100	A	K	K/A	BAS21SLT1GOSCT-ND◆	.26	1.77	8.32	3,000	24.26/M	
16	SOD-123	100	200	225	500	1 10	K	A	—	MMSD4148T1GOSCT-ND◆	.29	1.96	9.22	3,000	27.03/M
	SOD-123	100	200	225	500	1 10	K	A	—	MMSD914T1GOSCT-ND◆	.29	1.96	9.22	3,000	27.03/M
	SOD-123	100	200	425	1,000	1 10	K	A	—	MMSD4148T3GOSCT-ND◆	.29	1.96	9.22	10,000	19.41/M
	SOD-123	250	200	400	625	1.25 200	K	A	—	MMSD103T1GOSCT-ND◆	.29	1.98	9.34	3,000	27.72/M
	SOD-323	75	200	200	500	0.8 10	K	A	—	BAS16HT1GOSCT-ND◆	.33	2.19	9.51	3,000	25.67/M
17	SOD-323	100	200	200	500	1 10	K	A	—	MMDL914T1GOSCT-ND◆	.33	2.19	9.51	3,000	25.64/M
	SOD-323	200	200	200	625	1.25 200	K	A	—	BAS20HT1GOSCT-ND◆	.30	2.05	9.64	3,000	28.42/M
	SOD-323	250	200	200	625	1 100	K	A	—	BAS21HT1GOSCT-ND◆	.30	2.05	9.64	3,000	28.32/M
	SOD-323	250	200	200	625	1 200	K	A	—	BAS21AHT1GOSCT-ND◆	.29	1.98	9.28	3,000	27.03/M
	SOD-523	75	200	120	500	0.715 1	K	A	—	BAS16XV2T1GOSCT-ND◆	.36	2.36	10.26	3,000	27.70/M
21	SOD-523	100	200	200	500	1.2 100	K	A	—	1SS400T1GOSCT-ND◆	.33	2.20	10.35	3,000	30.42/M
	SOD-523	100	200	120	500	1 10	K	A	—	NSD914XV2T1GOSCT-ND◆	.52	3.51	16.53	3,000	48.55/M
	SOT-563	75	200	357	500	0.715 1	—	—	—	BAS16XV6T1GOSCT-ND◆	.39	2.75	16.52	4,000	54.75/M
23	SOT-563	80	100	357	300	1.2 100	—	—	—	NSDEMP11XV6T1OSCT-ND	.34	2.39	15.93	—	—
	SC-88	80	100	300	240	1.2 100	—	—	—	HN2D02FUTWT1GOSCT-ND◆	.42	3.01	18.09	3,000	60.29/M
25	SOT-416	70	200	360	500	1.25 150	A	A	K	BAV70T1GOSCT-ND◆	.28	1.88	8.16	3,000	22.18/M
	SOT-416	80	100	150	2,000	1.2 100	K	K	A	DAP222OSCT-ND	.29	1.92	8.34	—	—
	SOT-416	80	100	150	2,000	1.2 100	K	K	A	DAP222GOSCT-ND◆	.28	1.88	8.16	3,000	22.03/M
26	SOT-353	250	200	385	625	1 100	—	—	—	BAS21DW5T1GOSCT-ND◆	.36	2.45	11.55	3,000	33.94/M

◆ RoHS Compliant § For Tape and Reel part number, change CT-ND to TR-ND.

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.

Free shipping on orders over £50! All prices are in British pound sterling and include duties.

www.digikey.co.uk — FREEPHONE: 0-800-587-0991 • 0-800-904-7786 — FREEFAX: 0-800-587-0992 • 0-800-904-7783 (UK2011-EN) 1309