



Dimensions in mm

Fig.	Package	Reverse Voltage V _{RRM}	Average For. Curr. I _g (A)	Power Dissipation (mW)	Peak Surge Current I _{FSM} (A)	Forward Volt. Max @ V _F (Vdc) @ I _F	Digi-Key Part No.	Cut Tape Pricing			Tape and Reels	
								10	100	250	Qty.	Pricing
22	POWERMITE	20	1	—	50	0.65 3A	MBRM120LT3GOSCT-ND	32.48	232.78	474.67	12,000	888.11/M
		30	1	325	50	0.38 1A	MBRM130LT1GOSCT-ND	32.48	232.78	474.67	3,000	1041.21/M
		40	1	475	50	0.55 1A	MBRM140T1GOSCT-ND	30.78	220.88	450.44	3,000	988.05/M
		40	1	—	50	0.36 0.1A	MBRM140T3GOSCT-ND	30.78	220.88	450.44	12,000	842.74/M
23	SOD-523	30	0.2	200	0.6	0.35 10mA	BAT54XV2T1GOSCT-ND	34.69	161.96	289.32	3,000	543.85/M
		30	200	200	—	0.6 200mA	RB520S30T1GOSCT-ND	19.98	93.18	166.47	3,000	312.88/M
		30	0.2	200	—	0.5 200mA	RB521S30T1GOSCT-ND	19.98	93.18	166.47	3,000	312.88/M
		40	0.03	200	—	0.37 1mA	RB751S40T1GOSCT-ND	23.81	111.21	198.52	3,000	373.21/M
24A	SOT-563	23	1	200	—	0.27 10mA	NSR0320XV6T1GOSCT-ND	30.10	212.12	385.65	—	—
25A	SC-88	15	0.03	—	—	0.415 1mA	NSR15DW1T1GOSCT-ND	25.42	179.22	325.80	—	—
		15	0.03	—	—	0.415 1mA	NSR15DW1T1GOSCT-ND	25.85	181.77	330.56	3,000	739.68/M
25B	SC-88	15	0.03	—	—	0.415 1mA	NSR15TW1T2GOSCT-ND	28.06	202.01	378.76	3,000	952.23/M

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

Fig. 22 — POWERMITE

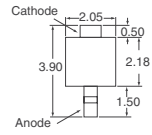


Fig. 23 — SOD-523

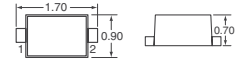


Fig. 24 — SOT-563

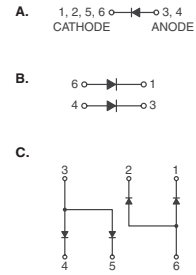


Fig. 25 — SOT-363, SC-88

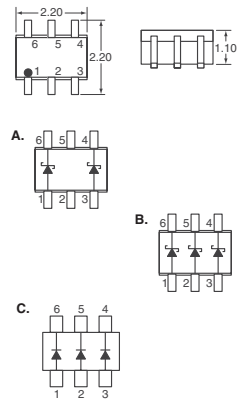


Fig. 26 — SOT-416, SC-75

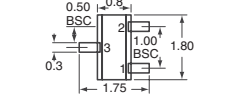
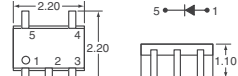


Fig. 27 — SOT-353



Switching Diodes



Fig.	Package	Working Peak Rev. Volt. V _{RRM}	Average Rectified For. Current I _F (mA)	Power Dissipation (mW)	Peak Surge Current I _{FSM} (mA)	Maximum Instantaneous Forward Volt. Drop (V _F) I _F (mAdc)	Cut Tape Pinning 1 2 3	Digi-Key Part No.	Cut Tape Pricing			Tape and Reels			
									10	100	250	Qty.	Pricing		
13	SOT-23, SOT-23S	7	—	225	—	0.6 10	A K K/A	MMBD352LT1GOSCT-ND	33.33	196.14	346.88	3,000	740.02/M		
		30	200	225	—	0.8 100	A A K	BAT54CLT1GOSCT-ND	29.16	126.68	205.83	3,000	342.04/M		
		30	150	225	450	1.2 100	A A K	MMBD2837LT1GOSCT-ND	24.06	104.66	170.04	3,000	282.58/M		
		50	100	225	300	1.2 100	A A K	MMBD2838LT1GOSCT-ND	24.06	104.66	170.04	3,000	282.58/M		
		50	200	225	500	1 100	A A K	BAV74LT1GOSCT-ND	19.04	82.47	133.91	3,000	221.06/M		
		70	200	225	500	0.7 1	A — K	MMBD6050LT1GOSCT-ND	24.32	105.59	171.57	3,000	285.10/M		
		70	200	225	500	0.7 1	A A K	MMBD6100LT1GOSCT-ND	23.89	103.72	168.59	3,000	280.06/M		
		70	215	225	500	1 10	A K K/A	BAV199LT1GOSCT-ND	31.71	147.85	263.99	3,000	496.29/M		
		70	200	225	500	0.8 10	A A K	BAV70LT1GOSCT-ND	16.49	71.42	116.90	3,000	195.55/M		
		70	215	225	500	0.8 10	A K K/A	BAV99LT1GOSCT-ND	16.24	70.57	114.78	3,000	187.05/M		
		70	—	225	—	1 15	A K K/A	BAS70-04LT1GOSCT-ND	38.00	177.44	316.78	3,000	595.60/M		
		70	200	225	—	0.8 10	K K A	BAW56LT1GOSCT-ND	17.51	76.52	123.28	3,000	204.05/M		
		70	100	225	—	0.8 10	— K A	BAL99LT1GOSCT-ND	23.89	103.72	168.59	3,000	280.06/M		
		75	150	225	—	1 10	A A K	MMBD2837LT1OSCT-ND	17.85	100.24	167.06	3,000	314.95/M		
		75	100	225	—	1 10	A A K	MMBD2838LT1OSCT-ND	17.85	100.24	167.06	3,000	314.95/M		
		75	100	225	—	1.2 100	K K A	MMBD2838LT1GOSCT-ND	24.06	104.66	170.04	3,000	282.58/M		
		75	200	225	500	1 10	A — K	BAS116LT1GOSCT-ND	28.48	133.06	237.63	3,000	446.76/M		
		75	200	225	500	0.8 10	A — K	BAS16LT1GOSCT-ND	19.04	82.47	133.91	3,000	221.06/M		
		100	200	225	500	1 10	A — K	MMBD914LT1GOSCT-ND	17.51	76.52	123.28	3,000	204.05/M		
		100	200	225	500	0.7 1	A K K/A	MMBD7000LT1GOSCT-ND	18.19	79.07	127.53	3,000	212.55/M		
14	SOT-323	30	200	200	—	0.8 100	A A K	BAT54CW1T1GOSCT-ND	26.19	122.09	218.08	3,000	410.00/M		
		40	100	150	500	1.2 100	A — K	M1MA141KT1GOSCT-ND	22.36	97.35	158.22	3,000	262.86/M		
		70	200	200	500	0.8 10	A A K	BAV70WT1GOSCT-ND	22.36	97.35	158.22	3,000	262.86/M		
		70	215	200	500	0.8 10	K A K/A	BAV99RW1T1GOSCT-ND	22.36	97.35	158.22	3,000	262.86/M		
		70	215	200	500	0.855 10	A K K/A	BAV99WT1GOSCT-ND	22.36	97.35	158.22	3,000	262.86/M		
		70	200	200	500	0.8 10	K — A	BAW56WT1GOSCT-ND	22.36	97.35	158.22	3,000	262.86/M		
		75	200	200	500	0.8 10	A — K	BAS16WT1GOSCT-ND	22.36	97.35	158.22	3,000	262.86/M		
		17	SOD-123	100	200	225	500	1 10	— — —	MMSD4148T1GOSCT-ND	29.16	126.68	205.83	3,000	342.04/M
				100	200	225	500	1 10	— — —	MMSD914T1GOSCT-ND	29.16	126.68	205.83	3,000	342.04/M
		18	SOD-323	75	200	200	500	0.8 10	— — —	BAS16HT1GOSCT-ND	26.87	116.65	189.59	3,000	314.95/M
100	200			200	500	1 10	— — —	MMDL914T1GOSCT-ND	26.87	116.65	189.59	3,000	314.95/M		
250	200			200	625	1 100	— — —	BAS21HT1GOSCT-ND	22.19	103.47	184.83	3,000	347.45/M		
250	200			200	625	1 200	— — —	BAS21AHT1GOSCT-ND	21.34	99.64	177.95	3,000	334.47/M		
23	SOD-523	75	200	120	500	0.715 1	K A —	BAS16XV2T1GOSCT-ND	29.16	126.68	205.83	3,000	342.04/M		
		100	200	200	500	1.2 100	K A —	1SS400T1GOSCT-ND	23.81	111.21	198.52	3,000	373.21/M		
		100	200	120	500	1 10	K A —	NSD914XV2T1GOSCT-ND	38.00	177.44	316.78	3,000	595.60/M		
24B	SOT-563	75	200	357	500	0.715 1	— — —	BAS16DXV6T1GOSCT-ND	30.44	179.05	316.78	4,000	675.74/M		
24C	SOT-563	80	100	357	300	1.2 100	— — —	NSDEMP11XV6T1OSCT-ND	26.44	186.28	338.72	—	—		
		80	100	357	300	1.2 100	— — —	NSDEMP11XV6T1GOSCT-ND	22.45	155.59	280.57	—	—		
25C	SC-88	85	100	300	240	1.2 100	— — —	HN2D02FUTW1T1GOSCT-ND	33.33	196.14	346.88	3,000	740.02/M		
26	SOT-416, SC-75	80	100	150	2,000	1.2 100	K K A	DAP222OSCT-ND	17.85	100.24	167.06	—	—		
		80	100	150	2,000	1.2 100	K K A	DAP222GOSCT-ND	23.04	100.07	162.64	3,000	270.20/M		
27	SOT-353	250	200	385	625	1 100	— — —	BAS21DW5T1GOSCT-ND	26.61	124.04	221.48	3,000	416.37/M		

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

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