

Switching Diodes

Package	Circuits	VRM (V)	VR (V)	IFM (mA)	IO (mA)	Digi-Key Part No.	Cut Tape Pricing			Tape and Reel†		Rohm Part No.
							1	25	100	Qty.	Pricing	
SOD-323	—	90	80	225	100	1SS355TE-17CT-ND	.19	2.72	7.08	3,000	25.41/M	1SS355TE-17
	—	40	35	225	100	1SS380TE-17CT-ND	.31	4.54	11.80	3,000	42.84/M	1SS380TE-17
	—	—	50	50	—	RN731VTE-17CT-ND	.30	5.45	15.33	3,000	62.44/M	RN731VTE-17
SOD-523	—	90	80	225	100	1SS400TE61CT-ND	.25	3.63	9.44	3,000	34.13/M	1SS400TE61
SOT-23	G	85	70	450	—	BAW56T116CT-ND	.31	4.54	11.80	3,000	42.84/M	BAW56T116
	E	80	80	300	100	DAN202UT106CT-ND	.32	4.72	12.27	3,000	44.29/M	DAN202UT106
	G	80	80	300	100	DAP202UT106CT-ND	.30	4.36	11.33	3,000	40.66/M	DAP202UT106
SOT-323	E	—	35	—	—	DAN235UT106CT-ND	.31	5.31	14.72	3,000	56.63/M	DAN235UT106
	G	80	80	300	100	DA227TLCT-ND	.29	5.63	16.20	3,000	76.23/M	DA227TL
	C	80	80	300	100	DAN202KT146CT-ND	.26	3.81	9.91	3,000	35.58/M	DAN202KT146
SOT-346	G	80	80	300	100	DAP202KT146CT-ND	.26	3.81	9.91	3,000	35.58/M	DAP202KT146
	B	80	80	300	100	DAN217T146CT-ND	.32	4.72	12.27	3,000	44.29/M	DAN217T146
	B	20	20	200	100	DA204KT146CT-ND	.36	5.26	13.69	3,000	49.37/M	DA204KT146
SOT-353	H	80	80	80	25	UMN1NCT-ND	.33	6.45	18.56	3,000	87.85/M	UMN1N
	E	80	80	300	100	DAN222TLCT-ND	.36	5.26	13.69	3,000	49.37/M	DAN222TL
	G	80	80	300	100	DAP222TLCT-ND	.27	3.99	10.38	3,000	37.76/M	DAP222TL
SOT-416	B	20	20	200	100	DA221TLCT-ND	.25	4.22	11.70	3,000	45.02/M	DA221TL
	I	80	80	300	100	IMN10T108CT-ND	.30	5.72	16.47	3,000	77.69/M	IMN10T108
	—	90	80	225	100	1SS400G2RCT-ND	.33	4.90	12.74	8,000	39.21/M	1SS400G2R
VMD2	B	20	20	200	100	DA221MT2LCT-ND	.32	5.45	15.10	8,000	52.28/M	DA221MT2L
	E	80	80	300	100	DAN222MT2LCT-ND	.32	5.45	15.10	8,000	52.28/M	DAN222MT2L
	G	80	80	300	100	DAP222MT2LCT-ND	.36	5.26	13.69	8,000	42.11/M	DAP222MT2L
LL-34	—	250	220	625	200	RLS245TE-11CT-ND	.21	3.09	8.02	2,500	29.04/M	RLS245TE-11
	—	100	75	450	150	RLS4148TE-11CT-ND	.26	3.48	7.84	2,500	23.24/M	RLS4148TE-11
	—	100	75	450	150	RLS4448TE-11CT-ND	.25	3.63	9.44	2,500	34.13/M	RLS4448TE-11
	—	50	50	600	200	RLS4150TE-11CT-ND	.26	3.81	9.91	2,500	35.58/M	RLS4150TE-11
SC-74A	H	80	80	80	25	FMN1T148CT-ND	.32	6.17	17.77	3,000	84.22/M	FMN1T148

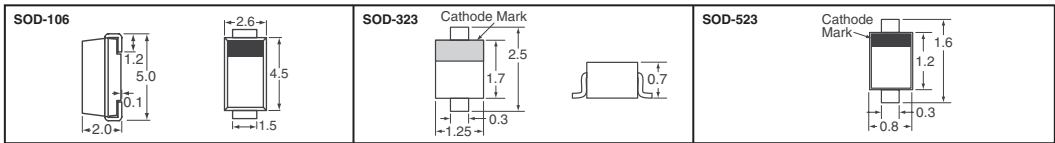
† For Tape and Reel part number, change CT-ND to TR-ND. † For Tape and Box part number, change CT-ND to TB-ND.

Zener Diodes

Specifications:  
PTZ Series; 1000 mW  
UDZ Series; 200 mW  
EDZ Series; 150 mW



Dim. in mm



Package	Zener Voltage		Resistance Ω		Reverse Current IR (µA)		Digi-Key Part No.	Cut Tape Pricing			Tape and Reel†		Rohm Part No.
	Min.	Max.	Max.	@ I <sub>Z</sub> (mA)	Max.	VR (V)		1	25	100	Qty.	Pricing	
SOD-106	4.300	4.800	15	40.0	20.0	1.0	PTZTE254.3BCT-ND	.36	6.99	20.12	1,500	100.92/M	PTZTE254.3B
	5.100	5.700	8	40.0	20.0	1.0	PTZTE255.1BCT-ND	.36	6.99	20.12	1,500	100.92/M	PTZTE255.1B
	7.500	8.400	4	40.0	20.0	4.0	PTZTE257.5BCT-ND	.36	6.99	20.12	1,500	100.92/M	PTZTE257.5B
	13.000	13.500	8	20.0	10.0	9.0	PTZTE2512BCT-ND	.36	6.99	20.12	1,500	100.92/M	PTZTE2512B
	18.000	20.300	12	20.0	10.0	13.0	PTZTE2518BCT-ND	.36	6.99	20.12	1,500	100.92/M	PTZTE2518B
	27.000	30.800	16	10.0	10.0	21.0	PTZTE2527BCT-ND	.36	6.99	20.12	1,500	100.92/M	PTZTE2527B
SOD-323	3.600	3.845	100	5.0	10.0	1.0	UDZSTE-173.6BCT-ND	.36	5.26	13.69	3,000	49.37/M	UDZSTE-173.6B
	3.890	4.160	100	5.0	5.0	1.0	UDZSTE-173.9BCT-ND	.36	5.26	13.69	3,000	49.37/M	UDZSTE-173.9B
	4.170	4.430	100	5.0	5.0	1.0	UDZSTE-174.3BCT-ND	.31	4.54	11.80	3,000	42.84/M	UDZSTE-174.3B
	4.980	5.200	80	5.0	2.0	1.5	UDZSTE-175.1BCT-ND	.31	4.54	11.80	3,000	42.84/M	UDZSTE-175.1B
	5.490	5.730	60	5.0	1.0	2.5	UDZSTE-175.6BCT-ND	.31	4.54	11.80	3,000	42.84/M	UDZSTE-175.6B
	6.060	6.330	60	5.0	1.0	3.0	UDZSTE-176.2BCT-ND	.31	4.54	11.80	3,000	42.84/M	UDZSTE-176.2B
	6.650	6.930	40	5.0	0.5	3.5	UDZSTE-176.8BCT-ND	.30	4.36	11.33	3,000	40.66/M	UDZSTE-176.8B
	7.280	7.600	30	5.0	0.5	4.0	UDZSTE-177.5BCT-ND	.31	4.54	11.80	3,000	42.84/M	UDZSTE-177.5B
	8.850	9.230	30	5.0	0.5	6.0	UDZSTE-179.1BCT-ND	.31	4.54	11.80	3,000	42.84/M	UDZSTE-179.1B
	9.770	10.210	30	5.0	0.1	7.0	UDZSTE-1710BCT-ND	.31	4.54	11.80	3,000	42.84/M	UDZSTE-1710B
	11.740	12.240	30	5.0	0.1	9.0	UDZSTE-1712BCT-ND	.36	5.26	13.69	3,000	49.37/M	UDZSTE-1712B
	14.340	14.980	42	5.0	0.1	11.0	UDZSTE-1715BCT-ND	.36	5.26	13.69	3,000	49.37/M	UDZSTE-1715B
17.560	18.350	65	5.0	0.1	13.0	UDZSTE-1718BCT-ND	.36	5.26	13.69	3,000	49.37/M	UDZSTE-1718B	
21.540	22.470	100	5.0	0.1	17.0	UDZSTE-1722BCT-ND	.36	5.26	13.69	3,000	49.37/M	UDZSTE-1722B	
26.190	27.530	150	5.0	0.1	21.0	UDZSTE-1727BCT-ND	.36	5.26	13.69	3,000	49.37/M	UDZSTE-1727B	
SOD-523	3.600	3.845	100	5.0	10.0	1.0	EDZTE613.6BCT-ND	.28	5.10	14.37	3,000	58.81/M	EDZTE613.6B
	3.890	4.160	100	5.0	5.0	1.0	EDZTE613.9BCT-ND	.28	5.10	14.37	3,000	58.81/M	EDZTE613.9B
	4.170	4.430	100	5.0	5.0	1.0	EDZTE614.3BCT-ND	.28	5.10	14.37	3,000	58.81/M	EDZTE614.3B
	4.550	4.750	100	5.0	2.0	1.0	EDZTE614.7BCT-ND	.28	5.10	14.37	3,000	58.81/M	EDZTE614.7B
	6.650	6.930	40	5.0	0.5	3.5	EDZTE616.8BCT-ND	.31	5.31	14.72	3,000	56.63/M	EDZTE616.8B
	7.280	7.600	30	5.0	0.5	4.0	EDZTE617.5BCT-ND	.28	5.10	14.37	3,000	58.81/M	EDZTE617.5B
	8.020	8.360	30	5.0	0.5	5.0	EDZTE618.2BCT-ND	.28	5.10	14.37	3,000	58.81/M	EDZTE618.2B
	8.850	9.230	30	5.0	0.5	6.0	EDZTE619.1BCT-ND	.28	5.10	14.37	3,000	58.81/M	EDZTE619.1B
	9.770	10.210	30	5.0	0.1	7.0	EDZTE6110BCT-ND	.28	5.10	14.37	3,000	58.81/M	EDZTE6110B
	10.760	11.220	30	5.0	0.1	8.0	EDZTE6111BCT-ND	.28	5.10	14.37	3,000	58.81/M	EDZTE6111B
	11.740	12.240	30	5.0	0.1	9.0	EDZTE6112BCT-ND	.28	5.10	14.37	3,000	58.81/M	EDZTE6112B
	12.910	13.490	37	5.0	0.1	10.0	EDZTE6113BCT-ND	.28	5.10	14.37	3,000	58.81/M	EDZTE6113B
	14.340	14.980	42	5.0	0.1	11.0	EDZTE6115BCT-ND	.28	5.10	14.37	3,000	58.81/M	EDZTE6115B
	15.850	16.510	50	5.0	0.1	12.0	EDZTE6116BCT-ND	.28	5.10	14.37	3,000	58.81/M	EDZTE6116B
	17.560	18.350	65	5.0	0.1	13.0	EDZTE6118BCT-ND	.28	5.10	14.37	3,000	58.81/M	EDZTE6118B
	19.520	20.390	85	5.0	0.1	15.0	EDZTE6120BCT-ND	.28	5.10	14.37	3,000	58.81/M	EDZTE6120B
	21.540	22.470	100	5.0	0.1	17.0	EDZTE6122BCT-ND	.28	5.10	14.37	3,000	58.81/M	EDZTE6122B
	23.720	24.780	120	5.0	0.1	19.0	EDZTE6124BCT-ND	.28	5.10	14.37	3,000	58.81/M	EDZTE6124B
26.190	27.530	150	2.0	0.1	21.0	EDZTE6127BCT-ND	.28	5.10	14.37	3,000	58.81/M	EDZTE6127B	
29.190	30.690	200	2.0	0.1	23.0	EDZTE6130BCT-ND	.28	5.10	14.37	3,000	58.81/M	EDZTE6130B	
32.150	33.790	250	2.0	0.1	25.0	EDZTE6133BCT-ND	.28	5.10	14.37	3,000	58.81/M	EDZTE6133B	
35.070	36.870	300	2.0	0.1	27.0	EDZTE6136BCT-ND	.28	5.10	14.37	3,000	58.81/M	EDZTE6136B	

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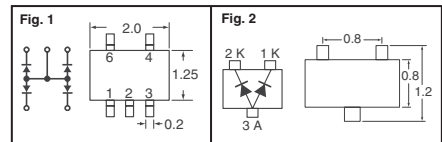
Zener Diode Array — SOT-353



Dim. in mm

Fig.	Voltage		Resistance Max.	Reverse Current	Digi-Key Part No.	Cut Tape Pricing			Tape and Reel†		Rohm Part No.
	Min.	Max.				1	25	100	Qty.	Pricing	
1	6.47	7.14	40Ω	0.5µA	UMZ6.8ENCT-ND	.33	6.13	17.25	3,000	70.43/M	UMZ6.8EN
2	6.47	7.14	—	0.5µA	VMZ6.8NT2LCT-ND	.34	6.24	17.57	8,000	68.25/M	VMZ6.8NT2L

† 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.

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