

MiniReel[®] SOT-23 Zener Diodes



Tape width = 8mm

- 100mm reel size
- 500 pieces on each reel
- Ideal for pre-production, prototyping and production shortfalls
- Complete with leader tape



FOR DEVICE SPECIFICATION, SEE PREVIOUS COLUMN

SD499

500 Pieces Per Reel		Price Per Reel		
MiniReel List No.	Order Code	1+	3+	5+
BZX84C3V3-MR	344-8423			
BZX84C4V7-MR	344-8435			
BZX84C5V1-MR	344-8447			
BZX84C5V6-MR	344-8459			
BZX84C6V2-MR	344-8460			
BZX84C6V8-MR	344-8472			
BZX84C8V2-MR	344-8484			
BZX84C10-MR	344-8393			
BZX84C12-MR	344-8400			
BZX84C15-MR	344-8411			

SM2Z Series, 2W SMA Package



Zener Voltage, V	Mfrs. List No.	Device Marking	Order Code
5.1	SM2Z5V1	ZHK	996-580
5.6	SM2Z5V6	ZHL	996-592
12	SM2Z12	ZHW	996-609
18	SM2Z18	ZJF	996-610
30	SM2Z30	ZJQ	996-622
150	SM2Z150	ZKR	996-634



SD83

Order Multiple=5		Price Each				
Series	Order Code	5+	25+	100+	250+	1K+
SM2Z Series	All Values		MIXED QUANTITY PRICING			

BZX79C Series, 5% Tolerance



P_{tot} = 250mW
DO-35 L = 4.5, Dia. = 2.0

Zener Voltage, V	Mfrs. List No.	Order Code	Zener Voltage, V	Mfrs. List No.	Order Code
2.4	BZX79C2V4	— 369-329	11	BZX79C11	.931-846 369-482
2.7	BZX79C2V7	— 369-330	12	BZX79C12	.931-858 369-494
3	BZX79C3V0	— 369-342	13	BZX79C13	.931-860 369-500
3.3	BZX79C3V3	— 369-354	15	BZX79C15	.931-871 369-512
3.6	BZX79C3V6	— 369-366	16	BZX79C16	.931-883 369-524
3.9	BZX79C3V9	— 369-378	18	BZX79C18	— 369-536
4.3	BZX79C4V3	— 369-380	20	BZX79C20	.931-901 369-548 †
4.7	BZX79C4V7	.931-755 369-391	22	BZX79C22	— 369-550
5.1	BZX79C5V1	.931-767 369-408	24	BZX79C24	.931-925 369-561
5.6	BZX79C5V6	.931-779 369-410	27	BZX79C27	.931-937 369-573
6.2	BZX79C6V2	.931-780 369-421	30	BZX79C30	.931-949 369-585
6.8	BZX79C6V8	— 369-433	33	BZX79C33	.931-950 369-597
7.5	BZX79C7V5	.931-809 369-445	36	BZX79C36	— 369-603
8.2	BZX79C8V2	.931-810 369-457	39	BZX79C39	— 369-615
9.1	BZX79C9V1	.931-822 369-469	47	BZX79C47	— 369-639
10	BZX79C10	.931-834 369-470	75	BZX79C75	— 369-664

† Available until stocks are exhausted

SD43

Order Multiple=5		Price Each					
Series	Mfr.	Order Code	5+	25+	100+	1K+	
BZX79C...	FCH	All Values		MIXED QUANTITY PRICING			
Order Multiple=10			10+	50+	100+	1K+	5K+
BZX79C...	PS	All Values					

Medium Current Transient Voltage Suppressor



Case 194

- Avalanche voltage 24V to 32V
- High power capability
- Economical

ON Semiconductor



V _{rrm} V	I _{rsm} A	I _o A	I _{fsm} A	V _f max. V	I _r max. nA	V _{br} @ 25°C		Mfrs. List No.
						min.	max.	
20	62	6	600	1.1	200	24	32	MR2535L

SD504

Order Multiple=5		Price Each				
Mfrs. List No.	Order Code	1+	25+	100+	250+	1K+
MR2535L	352-6501					

BZX99C Series, 5% Tolerance

Philips Semiconductors



- Low noise/low power
- Improved I_z/V_z characteristic at I_z = 50µA
- P_{tot} = 300mW
- Plastic SOT-23 package



Zener Voltage, V	Mfrs. List No.	Order Code	Zener Voltage, V	Mfrs. List No.	Order Code
2.4	BZX99-C2V4	354-7073	5.1	BZX99-C5V1	354-7140
2.7	BZX99-C2V7	354-7085	5.6	BZX99-C5V6	354-7152
3.0	BZX99-C3V0	354-7097	6.2	BZX99-C6V2	354-7164
3.3	BZX99-C3V3	354-7103	6.8	BZX99-C6V8	354-7176
3.6	BZX99-C3V6	354-7115	7.5	BZX99-C7V5	354-7188
4.3	BZX99-C4V3	354-7127	8.2	BZX99-C8V2	354-7190
4.7	BZX99-C4V7	354-7139	9.1	BZX99-C9V1	354-7206

SD502

Order Multiple = 5		Price Each				
Series	Order Code	5+	25+	100+	1K+	3K+
BZX99	All Values					

BZX399C Series, 5% Tolerance

Philips Semiconductors



- Low noise/low power
- Improved I_z/V_z characteristic at I_z = 50µA
- P_{tot} = 300mW
- Plastic SOD-323 package



Zener Voltage, V	Mfrs. List No.	Order Code	Zener Voltage, V	Mfrs. List No.	Order Code
1.8	BZX399-C1V8	354-6792	4.7	BZX399-C4V7	354-6883
2.0	BZX399-C2V0	354-6809	5.1	BZX399-C5V1	354-6895
2.2	BZX399-C2V2	354-6810	5.6	BZX399-C5V6	354-6901
2.4	BZX399-C2V4	354-6822	6.2	BZX399-C6V2	354-6913
2.7	BZX399-C2V7	354-6834	6.8	BZX399-C6V8	354-6925
3.0	BZX399-C3V0	354-6846	7.5	BZX399-C7V5	354-6937
3.3	BZX399-C3V3	354-6858	8.2	BZX399-C8V2	354-6949
3.6	BZX399-C3V6	354-6860	9.1	BZX399-C9V1	354-6950
4.3	BZX399-C4V3	354-6871			

SD503

Order Multiple=5		Price Each				
Series	Order Code	5+	25+	100+	1K+	3K+
BZX399	All Values					

BZV85C, BZX55C and BZX85C Series, 5% Tolerance



Family	Mfr.	Package	L	Dia.	P _{tot} (W)
BZX55C	FCH	DO-35	4.5	2.0	0.5
BZV85C/BZX85C	PS/FCH	DO-41	4.8	2.6	1.3

Zener Voltage, V	Mfrs. List No.	Order Code	Mfrs. List No.	Order Code	Mfrs. List No.	Order Code
3.3	BZX55C3V3	368-921	BZX85C3V3	368-900	—	—
3.6	BZX55C3V6	368-933	BZX85C3V6	368-706	—	—
3.9	BZX55C3V9	368-945	BZX85C3V9	368-718	—	—
4.3	BZX55C4V3	368-957	BZX85C4V3	368-720	—	—
4.7	BZX55C4V7	368-969	BZX85C4V7	368-731	—	—
5.1	BZX55C5V1	368-970	BZX85C5V1	368-743	BZV85C5V1	368-570
5.6	BZX55C5V6	368-982	BZX85C5V6	368-755	BZV85C5V6	368-581
6.2	BZX55C6V2	368-994	BZX85C6V2	368-767	BZV85C6V2	368-593
6.8	BZX55C6V8	369-007	BZX85C6V8	368-779	BZV85C6V8	368-600
7.5	BZX55C7V5	369-019	BZV85C7V5	368-780	BZV85C7V5	368-611
8.2	BZX55C8V2	369-020	BZX85C8V2	368-792	BZV85C8V2	368-623
9.1	BZX55C9V1	369-032	BZX85C9V1	368-809	BZV85C9V1	368-635
10	BZX55C10	369-044	BZX85C10	368-810	BZV85C10	368-647
11	BZX55C11	369-056	BZX85C11	368-822	—	—
12	BZX55C12	369-068	BZX85C12	368-834	BZV85C12	368-660
13	BZX55C13	369-070	BZX85C13	368-846	—	—
15	BZX55C15	369-081	BZX85C15	368-858	BZV85C15	368-684
16	BZX55C16	369-093	BZX85C16	368-860	BZV85C16	368-696
18	BZX55C18	369-100	BZX85C18	368-871	BZV85C18	368-702
20	—	—	BZX85C20	368-883	—	—
22	BZX55C22	369-123	BZX85C22	368-895	—	—
24	—	—	BZX85C24	368-901	—	—
27	BZX55C27	369-147	BZX85C27	368-913	BZV85C27	368-740
30	BZX55C30	369-159 †	BZX85C30	368-925	BZV85C30	368-751
33	BZX55C33	369-160 †	BZX85C33	368-937	BZV85C33	368-763
36	—	—	—	—	BZV85C36	484-910
39	—	—	—	—	BZV85C39	368-775
43	—	—	—	—	BZV85C43	484-921
47	—	—	—	—	BZV85C47	368-799
51	—	—	—	—	BZV85C51	484-933
56	—	—	—	—	BZV85C56	368-805
62	—	—	—	—	BZV85C62	484-945
68	—	—	—	—	BZV85C68	368-817
75	—	—	—	—	BZV85C75	368-829

† Available until stocks are exhausted

SD47

Order Multiple=5		Price Each					
Series	Mfr.	Order Code	5+	25+	100+	1K+	3K+
BZX55C...	FCH	All Values					
BZX85C...	FCH	All Values					
BZV85C...	PS	All Values	5+	100+	1K+	3K+	10K+