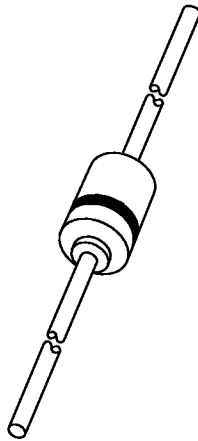


# DATA SHEET



## **BZV85 series** Voltage regulator diodes

Product specification  
Supersedes data of 1996 Apr 26

1999 May 11

# Voltage regulator diodes

# BZV85 series

### FEATURES

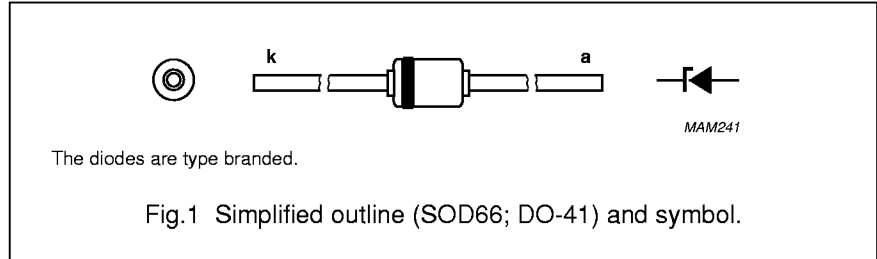
- Total power dissipation: max. 1.3 W
- Tolerance series: approx. ±5%
- Working voltage range: nom. 3.6 to 75 V (E24 range)
- Non-repetitive peak reverse power dissipation: max. 60 W.

### DESCRIPTION

Medium-power voltage regulator diodes in hermetically sealed leaded glass SOD66 (DO-41) packages. The diodes are available in the normalized E24 approx. ±5% tolerance range. The series consists of 33 types with nominal working voltages from 3.6 to 75 V (BZV85-C3V6 to BZV85-C75).

### APPLICATIONS

- Stabilization purposes.



### LIMITING VALUES

In accordance with the Absolute Maximum Rating System (IEC 134).

SYMBOL	PARAMETER	CONDITIONS	MIN.	MAX.	UNIT
$I_F$	continuous forward current		—	500	mA
$I_{ZSM}$	non-repetitive peak reverse current	$t_p = 100 \mu s$ ; square wave; $T_j = 25 \text{ }^\circ\text{C}$ prior to surge; see Fig.3	see Table "Per type"		
		$t_p = 10 \text{ ms}$ ; half sinewave; $T_j = 25 \text{ }^\circ\text{C}$ prior to surge	see Table "Per type"		
$P_{tot}$	total power dissipation	$T_{amb} = 25 \text{ }^\circ\text{C}$ ; lead length 10 mm; note 1	—	1	W
		note 2	—	1.3	W
$P_{ZSM}$	non-repetitive peak reverse power dissipation	$t_p = 100 \mu s$ ; square wave; $T_j = 25 \text{ }^\circ\text{C}$ prior to surge	—	60	W
$T_{stg}$	storage temperature		-65	+200	$^\circ\text{C}$
$T_j$	junction temperature		—	200	$^\circ\text{C}$

### Notes

1. Device mounted on a printed circuit-board with 1 cm<sup>2</sup> copper area per lead.
2. If the leads are kept at  $T_{tp} = 55 \text{ }^\circ\text{C}$  at 4 mm from body.

### ELECTRICAL CHARACTERISTICS

#### Total series

$T_j = 25 \text{ }^\circ\text{C}$  unless otherwise specified.

SYMBOL	PARAMETER	CONDITIONS	MAX.	UNIT
$V_F$	forward voltage	$I_F = 50 \text{ mA}$ ; see Fig.4	1	V

Voltage regulator diodes

BZV85 series

Per type

T<sub>j</sub> = 25 °C unless otherwise specified.

BZV85- CXXX	WORKING VOLTAGE V <sub>Z</sub> (V) at I <sub>Ztest</sub>		DIFFERENTIAL RESISTANCE r <sub>diff</sub> (Ω) at I <sub>Ztest</sub>	TEMP. COEFF. S <sub>Z</sub> (mV/K) at I <sub>Ztest</sub> see Figs 5 and 6		TEST CURRENT I <sub>Ztest</sub> (mA)	DIODE CAP. C <sub>d</sub> (pF) at f = 1 MHz; V <sub>R</sub> = 0 V	REVERSE CURRENT at REVERSE VOLTAGE		NON-REPETITIVE PEAK REVERSE CURRENT I <sub>ZSM</sub>	
	MIN.	MAX.		MIN.	MAX.			I <sub>R</sub> (μA)	V <sub>R</sub> (V)	at t <sub>p</sub> = 100 μs; T <sub>amb</sub> = 25 °C	MAX. (A)
	MAX.	MAX.	MAX.	MAX.							
3V6	3.4	3.8	15	-3.5	-1.0	60	450	50	1.0	8.0	2000
3V9	3.7	4.1	15	-3.5	-1.0	60	450	10	1.0	8.0	1950
4V3	4.0	4.6	13	-2.7	0	50	450	5	1.0	8.0	1850
4V7	4.4	5.0	13	-2.0	+0.7	45	300	3	1.0	8.0	1800
5V1	4.8	5.4	10	-0.5	+2.2	45	300	3	2.0	8.0	1750
5V6	5.2	6.0	7	0	2.7	45	300	2	2.0	8.0	1700
6V2	5.8	6.6	4	0.6	3.6	35	200	2	3.0	7.0	1620
6V8	6.4	7.2	3.5	1.3	4.3	35	200	2	4.0	7.0	1550
7V5	7.0	7.9	3	2.5	5.5	35	150	1	4.5	5.0	1500
8V2	7.7	8.7	5	3.1	6.1	25	150	0.7	5.0	5.0	1400
9V1	8.5	9.6	5	3.8	7.2	25	150	0.7	6.5	4.0	1340
10	9.4	10.6	8	4.7	8.5	25	90	0.2	7.0	4.0	1200
11	10.4	11.6	10	5.3	9.3	20	85	0.2	7.7	3.0	1100
12	11.4	12.7	10	6.3	10.8	20	85	0.2	8.4	3.0	1000
13	12.4	14.1	10	7.4	12.0	20	80	0.2	9.1	3.0	900
15	13.8	15.6	15	8.9	13.6	15	75	0.05	10.5	2.5	760
16	15.3	17.1	15	10.7	15.4	15	75	0.05	11.0	1.75	700
18	16.8	19.1	20	11.8	17.1	15	70	0.05	12.5	1.75	600
20	18.8	21.2	24	13.6	19.1	10	60	0.05	14.0	1.75	540
22	20.8	23.3	25	16.6	22.1	10	60	0.05	15.5	1.5	500
24	22.8	25.6	30	18.3	24.3	10	55	0.05	17	1.5	450
27	25.1	28.9	40	20.1	27.5	8	50	0.05	19	1.2	400
30	28.0	32.0	45	22.4	32.0	8	50	0.05	21	1.2	380

## Voltage regulator diodes

## BZV85 series

BZV85- CXXX	WORKING VOLTAGE $V_Z$ (V) at $I_{Ztest}$		DIFFERENTIAL RESISTANCE $r_{dif}$ ( $\Omega$ ) at $I_{Ztest}$	TEMP. COEFF. $S_Z$ (mV/K) at $I_{Ztest}$ see Figs 5 and 6		TEST CURRENT $I_{Ztest}$ (mA)	DIODE CAP. $C_d$ (pF) at $f = 1$ MHz; $V_R = 0$ V	REVERSE CURRENT at REVERSE VOLTAGE		NON-REPETITIVE PEAK REVERSE CURRENT $I_{ZSM}$	
	MIN.	MAX.		MIN.	MAX.			$I_R$ ( $\mu$ A) MAX.	$V_R$ (V)	at $t_p = 100 \mu$ s; $T_{amb} = 25^\circ\text{C}$ MAX. (A)	at $t_p = 10$ ms; $T_{amb} = 25^\circ\text{C}$ MAX. (mA)
33	31.0	35.0	45	24.8	35.0	8	MAX. 45	0.05	23	1.0	350
36	34.0	38.0	50	27.2	39.9	8	MAX. 45	0.05	25	0.9	320
39	37.0	41.0	60	29.6	43.0	6	MAX. 45	0.05	27	0.8	296
43	40.0	46.0	75	34.0	48.3	6	MAX. 40	0.05	30	0.7	270
47	44.0	50.0	100	37.4	52.5	4	MAX. 40	0.05	33	0.6	246
51	48.0	54.0	125	40.8	56.5	4	MAX. 40	0.05	36	0.5	226
56	52.0	60.0	150	46.8	63.0	4	MAX. 40	0.05	39	0.4	208
62	58.0	66.0	175	52.2	72.5	4	MAX. 35	0.05	43	0.4	186
68	64.0	72.0	200	60.5	81.0	4	MAX. 35	0.05	48	0.35	171
75	70.0	80.0	225	66.5	88.0	4	MAX. 35	0.05	53	0.3	161

Voltage regulator diodes

BZV85 series

**THERMAL CHARACTERISTICS**

SYMBOL	PARAMETER	CONDITIONS	VALUE	UNIT
$R_{th\ j\text{-}tp}$	thermal resistance from junction to tie-point	lead length 4 mm; see Fig.2	110	K/W
$R_{th\ j\text{-}a}$	thermal resistance from junction to ambient	lead length 10 mm; note 1	175	K/W

**Note**

1. Device mounted on a printed circuit-board with 1 cm<sup>2</sup> copper area per lead.

**GRAPHICAL DATA**

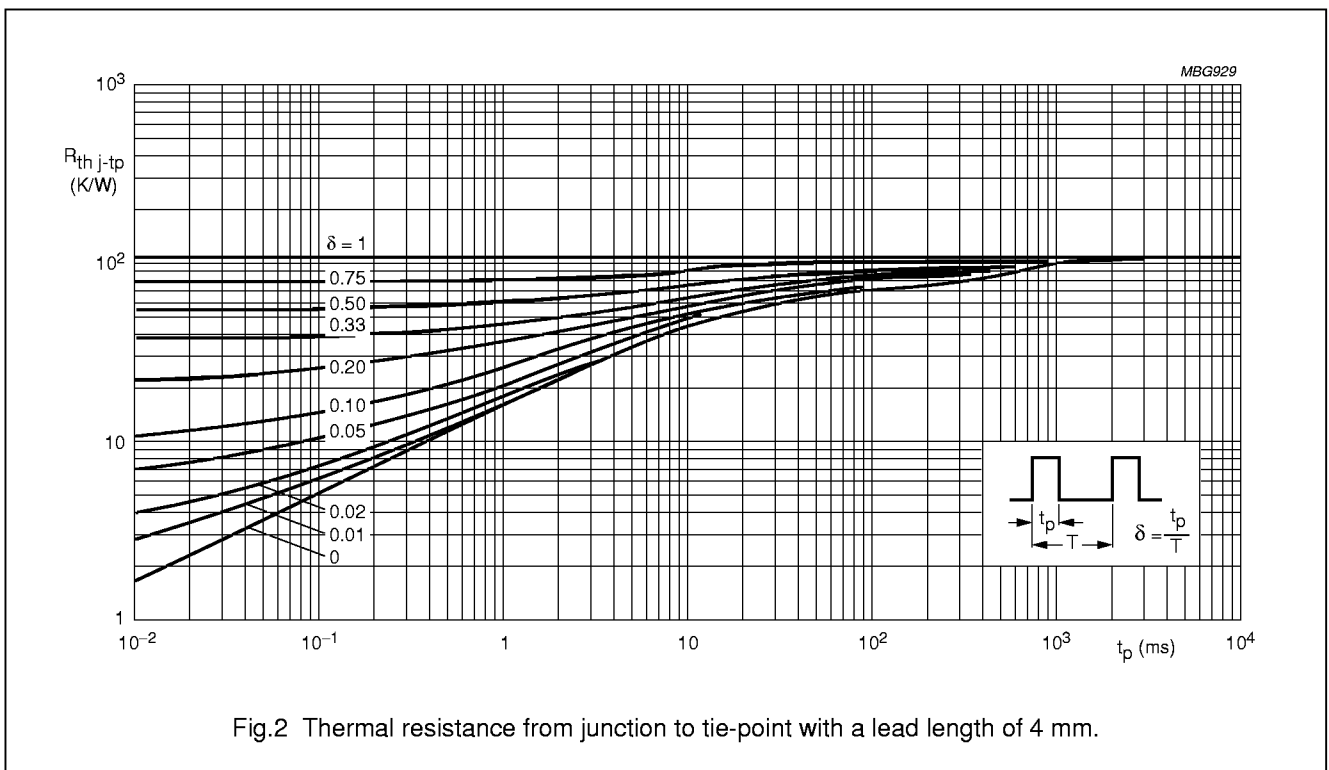
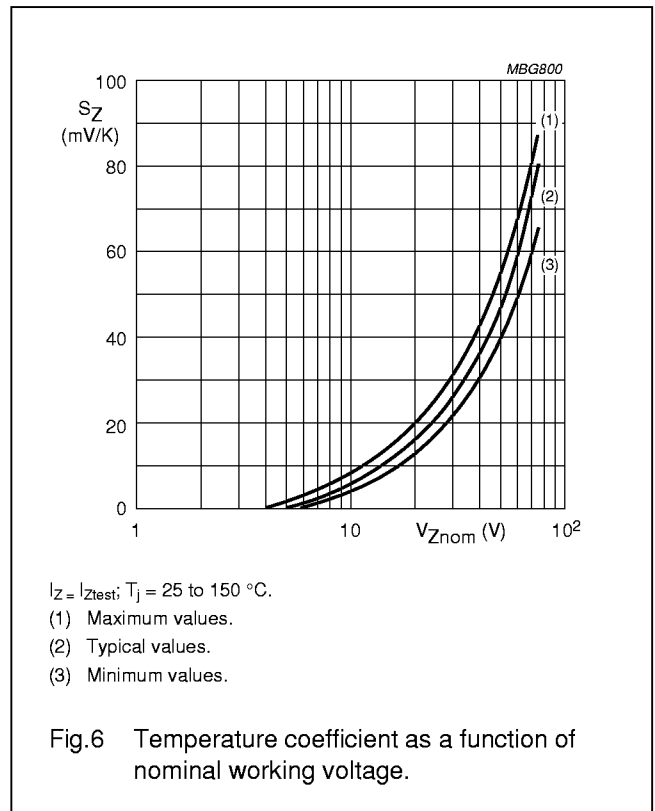
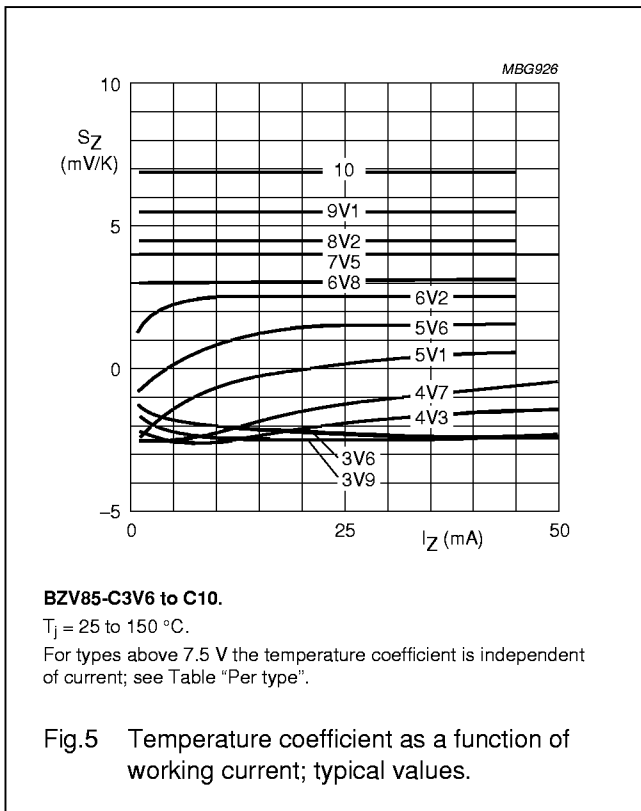
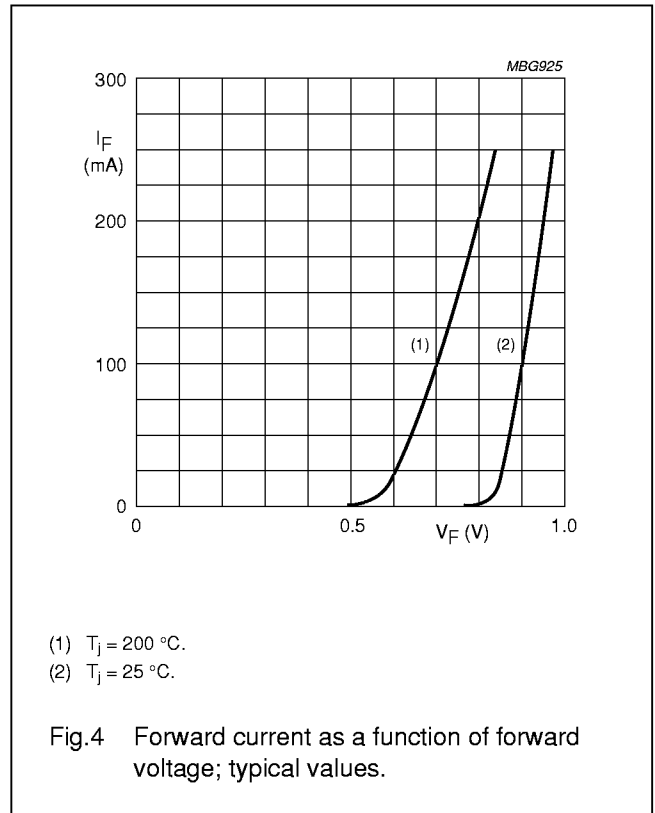
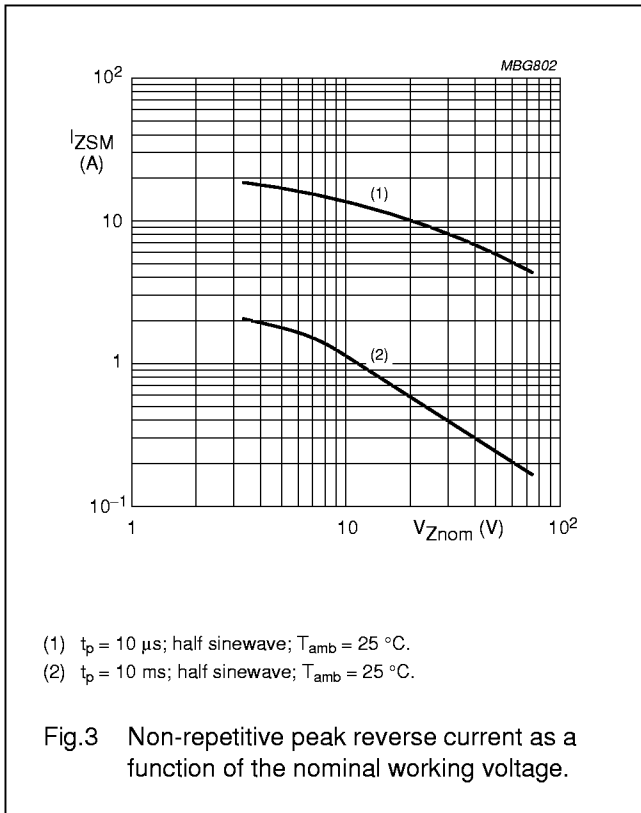


Fig.2 Thermal resistance from junction to tie-point with a lead length of 4 mm.

Voltage regulator diodes

BZV85 series



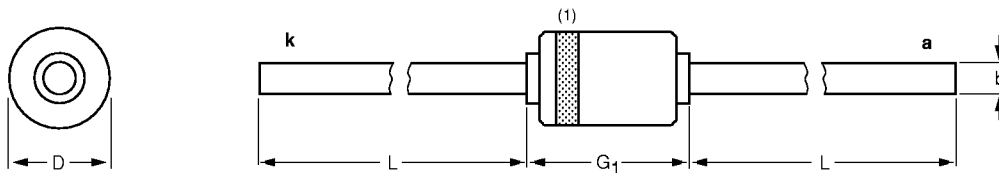
Voltage regulator diodes

BZV85 series

PACKAGE OUTLINE

Hermetically sealed glass package; axial leaded; 2 leads

SOD66



DIMENSIONS (mm are the original dimensions)

UNIT	b max.	D max.	G <sub>1</sub> max.	L min.
mm	0.81	2.6	4.8	28



Note

1. The marking band indicates the cathode.

OUTLINE VERSION	REFERENCES				EUROPEAN PROJECTION	ISSUE DATE
	IEC	JEDEC	EIAJ			
SOD66		DO-41				97-06-20

DEFINITIONS

Data sheet status	
Objective specification	This data sheet contains target or goal specifications for product development.
Preliminary specification	This data sheet contains preliminary data; supplementary data may be published later.
Product specification	This data sheet contains final product specifications.
Limiting values	
Limiting values given are in accordance with the Absolute Maximum Rating System (IEC 134). Stress above one or more of the limiting values may cause permanent damage to the device. These are stress ratings only and operation of the device at these or at any other conditions above those given in the Characteristics sections of the specification is not implied. Exposure to limiting values for extended periods may affect device reliability.	
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Information as of 2003-01-21

# BZV85 series; Voltage regulator diodes

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## General description

Medium-power voltage regulator diodes in hermetically sealed leaded glass SOD66 (DO-41) packages. The diodes are available in the normalized E24 approx.  $\pm 5\%$  tolerance range. The series consists of 33 types with nominal working voltages from 3.6 to 75 V (BZV85-C3V6 to BZV85-C75).


## Features

- Total power dissipation: max. 1.3 W
- Tolerance series: approx.  $\pm 5\%$
- Working voltage range: nom. 3.6 to 75 V (E24 range)
- Non-repetitive peak reverse power dissipation: max. 60 W.

## Applications

- Stabilization purposes.

## Datasheet

<u>Type number</u>	<u>Title</u>	<u>Publication release date</u>	<u>Datasheet status</u>	<u>Page count</u>	<u>File size (kB)</u>	<u>Datasheet</u>
BZV85 series	Voltage regulator diodes	11-May-99	Product specification	8	60	 <a href="#">Download</a>




## □ Parametrics

Type number	Package	$I_{F(AV)}$ max.(mA)	$P_{ZSM}(W)$	$V_Z$ nom(V)	Configuration	$P_{TOT}(mW)$	tol. +/-%
BZV85-C3V6	<a href="#">SOD66</a> (DO-41)	500	60@Tj=25°C and tp max.=0.1ms (W)	3.6	1	1300@Ttp/Tamb max. 50/55°C (mW)	appr. 5
BZV85-C3V9	<a href="#">SOD66</a> (DO-41)	500	60@Tj=25°C and tp max.=0.1ms (W)	3.9	1	1300@Ttp/Tamb max. 50/55°C (mW)	appr. 5
BZV85-C4V3	<a href="#">SOD66</a> (DO-41)	500	60@Tj=25°C and tp max.=0.1ms (W)	4.3	1	1300@Ttp/Tamb max. 50/55°C (mW)	appr. 5
BZV85-C4V7	<a href="#">SOD66</a> (DO-41)	500	60@Tj=25°C and tp max.=0.1ms (W)	4.7	1	1300@Ttp/Tamb max. 50/55°C (mW)	appr. 5
BZV85-C5V1	<a href="#">SOD66</a> (DO-41)	500	60@Tj=25°C and tp max.=0.1ms (W)	5.1	1	1300@Ttp/Tamb max. 50/55°C (mW)	appr. 5
BZV85-C5V6	<a href="#">SOD66</a> (DO-41)	500	60@Tj=25°C and tp max.=0.1ms (W)	5.6	1	1300@Ttp/Tamb max. 50/55°C (mW)	appr. 5
BZV85-C6V2	<a href="#">SOD66</a> (DO-41)	500	60@Tj=25°C and tp max.=0.1ms (W)	6.2	1	1300@Ttp/Tamb max. 50/55°C (mW)	appr. 5
BZV85-C6V8	<a href="#">SOD66</a> (DO-41)	500	60@Tj=25°C and tp max.=0.1ms (W)	6.8	1	1300@Ttp/Tamb max. 50/55°C (mW)	appr. 5
BZV85-C7V5	<a href="#">SOD66</a> (DO-41)	500	60@Tj=25°C and tp max.=0.1ms (W)	7.5	1	1300@Ttp/Tamb max. 50/55°C (mW)	appr. 5
BZV85-C8V2	<a href="#">SOD66</a> (DO-41)	500	60@Tj=25°C and tp max.=0.1ms (W)	8.2	1	1300@Ttp/Tamb max. 50/55°C (mW)	appr. 5
BZV85-C9V1	<a href="#">SOD66</a> (DO-41)	500	60@Tj=25°C and tp max.=0.1ms (W)	9.1	1	1300@Ttp/Tamb max. 50/55°C (mW)	appr. 5

BZV85-C10	<a href="#">SOD66</a> (DO-41)	500	60@Tj=25°C and tp max.=0.1ms (W)	10	1	1300@Ttp/Tamb max. 50/55°C (mW)	appr. 5
BZV85-C11	<a href="#">SOD66</a> (DO-41)	500	60@Tj=25°C and tp max.=0.1ms (W)	11	1	1300@Ttp/Tamb max. 50/55°C (mW)	appr. 5
BZV85-C12	<a href="#">SOD66</a> (DO-41)	500	60@Tj=25°C and tp max.=0.1ms (W)	12	1	1300@Ttp/Tamb max. 50/55°C (mW)	appr. 5
BZV85-C13	<a href="#">SOD66</a> (DO-41)	500	60@Tj=25°C and tp max.=0.1ms (W)	13	1	1300@Ttp/Tamb max. 50/55°C (mW)	appr. 5
BZV85-C15	<a href="#">SOD66</a> (DO-41)	500	60@Tj=25°C and tp max.=0.1ms (W)	15	1	1300@Ttp/Tamb max. 50/55°C (mW)	appr. 5
BZV85-C16	<a href="#">SOD66</a> (DO-41)	500	60@Tj=25°C and tp max.=0.1ms (W)	16	1	1300@Ttp/Tamb max. 50/55°C (mW)	appr. 5
BZV85-C18	<a href="#">SOD66</a> (DO-41)	500	60@Tj=25°C and tp max.=0.1ms (W)	18	1	1300@Ttp/Tamb max. 50/55°C (mW)	appr. 5
BZV85-C20	<a href="#">SOD66</a> (DO-41)	500	60@Tj=25°C and tp max.=0.1ms (W)	20	1	1300@Ttp/Tamb max. 50/55°C (mW)	appr. 5
BZV85-C22	<a href="#">SOD66</a> (DO-41)	500	60@Tj=25°C and tp max.=0.1ms (W)	22	1	1300@Ttp/Tamb max. 50/55°C (mW)	appr. 5
BZV85-C24	<a href="#">SOD66</a> (DO-41)	500	60@Tj=25°C and tp max.=0.1ms (W)	24	1	1300@Ttp/Tamb max. 50/55°C (mW)	appr. 5
BZV85-C27	<a href="#">SOD66</a> (DO-41)	500	60@Tj=25°C and tp max.=0.1ms (W)	27	1	1300@Ttp/Tamb max. 50/55°C (mW)	appr. 5
BZV85-C30	<a href="#">SOD66</a> (DO-41)	500	60@Tj=25°C and tp max.=0.1ms (W)	30	1	1300@Ttp/Tamb max. 50/55°C (mW)	appr. 5

BZV85-C33	<a href="#">SOD66</a> (DO-41)	500	60@Tj=25°C and tp max.=0.1ms (W)	33	1	1300@Ttp/Tamb max. 50/55°C (mW)	appr. 5
BZV85-C36	<a href="#">SOD66</a> (DO-41)	500	60@Tj=25°C and tp max.=0.1ms (W)	36	1	1300@Ttp/Tamb max. 50/55°C (mW)	appr. 5
BZV85-C39	<a href="#">SOD66</a> (DO-41)	500	60@Tj=25°C and tp max.=0.1ms (W)	39	1	1300@Ttp/Tamb max. 50/55°C (mW)	appr. 5
BZV85-C43	<a href="#">SOD66</a> (DO-41)	500	60@Tj=25°C and tp max.=0.1ms (W)	43	1	1300@Ttp/Tamb max. 50/55°C (mW)	appr. 5
BZV85-C47	<a href="#">SOD66</a> (DO-41)	500	60@Tj=25°C and tp max.=0.1ms (W)	47	1	1300@Ttp/Tamb max. 50/55°C (mW)	appr. 5
BZV85-C51	<a href="#">SOD66</a> (DO-41)	500	60@Tj=25°C and tp max.=0.1ms (W)	51	1	1300@Ttp/Tamb max. 50/55°C (mW)	appr. 5
BZV85-C56	<a href="#">SOD66</a> (DO-41)	500	60@Tj=25°C and tp max.=0.1ms (W)	56	1	1300@Ttp/Tamb max. 50/55°C (mW)	appr. 5
BZV85-C62	<a href="#">SOD66</a> (DO-41)	500	60@Tj=25°C and tp max.=0.1ms (W)	62	1	1300@Ttp/Tamb max. 50/55°C (mW)	appr. 5
BZV85-C68	<a href="#">SOD66</a> (DO-41)	500	60@Tj=25°C and tp max.=0.1ms (W)	68	1	1300@Ttp/Tamb max. 50/55°C (mW)	appr. 5
BZV85-C75	<a href="#">SOD66</a> (DO-41)	500	60@Tj=25°C and tp max.=0.1ms (W)	75	1	1300@Ttp/Tamb max. 50/55°C (mW)	appr. 5

## ❑ Products, packages, availability and ordering

<u>Type</u> <u>number</u>	<u>North</u> <u>American</u> <u>type</u> <u>number</u>	<u>Ordering code</u> <u>(12NC)</u>	<u>Marking/Packing</u>  <a href="#">Discretes packing</a> <a href="#">info</a>	<u>Package</u>	<u>Device status</u>	<u>Buy online</u>
BZV85-C10	BZV85-C10 T/R	9335 006 50113	Standard Marking * Reel Pack, Axial, Standard	<a href="#">SOD66</a> (DO-41)	Full production	 <a href="#">order this</a> 

		9335 006 50133	Standard Marking * Ammopack, Axial, 52mm	<a href="#">SOD66</a> (DO-41)	Full production	-
BZV85-C11	BZV85-C11 T/R	9335 006 60113	Standard Marking * Reel Pack, Axial, Standard	<a href="#">SOD66</a> (DO-41)	Full production	<input type="text" value="order this"/> <input type="text" value="-"/>
		9335 006 60133	Standard Marking * Ammopack, Axial, 52mm	<a href="#">SOD66</a> (DO-41)	Full production	-
BZV85-C12	BZV85-C12 T/R	9335 006 70113	Standard Marking * Reel Pack, Axial, Standard	<a href="#">SOD66</a> (DO-41)	Full production	<input type="text" value="order this"/> <input type="text" value="-"/>
		9335 006 70133	Standard Marking * Ammopack, Axial, 52mm	<a href="#">SOD66</a> (DO-41)	Full production	-
BZV85-C13	BZV85-C13 T/R	9335 006 80113	Standard Marking * Reel Pack, Axial, Standard	<a href="#">SOD66</a> (DO-41)	Full production	<input type="text" value="order this"/> <input type="text" value="-"/>
		9335 006 80133	Standard Marking * Ammopack, Axial, 52mm	<a href="#">SOD66</a> (DO-41)	Full production	-
BZV85-C15	BZV85-C15 T/R	9335 006 90113	Standard Marking * Reel Pack, Axial, Standard	<a href="#">SOD66</a> (DO-41)	Full production	<input type="text" value="order this"/> <input type="text" value="-"/>
		9335 006 90133	Standard Marking * Ammopack, Axial, 52mm	<a href="#">SOD66</a> (DO-41)	Full production	-
BZV85-C16	BZV85-C16 T/R	9335 007 00113	Standard Marking * Reel Pack, Axial, Standard	<a href="#">SOD66</a> (DO-41)	Full production	<input type="text" value="order this"/> <input type="text" value="-"/>
		9335 007 00133	Standard Marking * Ammopack, Axial, 52mm	<a href="#">SOD66</a> (DO-41)	Full production	-
BZV85-C18	BZV85-C18 T/R	9335 007 10113	Standard Marking * Reel Pack, Axial, Standard	<a href="#">SOD66</a> (DO-41)	Full production	<input type="text" value="order this"/> <input type="text" value="-"/>
		9335 007 10133	Standard Marking * Ammopack, Axial, 52mm	<a href="#">SOD66</a> (DO-41)	Full production	-
BZV85-C20	BZV85-C20 T/R	9335 007 20113	Standard Marking * Reel Pack, Axial, Standard	<a href="#">SOD66</a> (DO-41)	Full production	<input type="text" value="order this"/> <input type="text" value="-"/>
		9335 007 20133	Standard Marking * Ammopack, Axial, 52mm	<a href="#">SOD66</a> (DO-41)	Full production	-
BZV85-C22	BZV85-C22 T/R	9335 007 30113	Standard Marking * Reel Pack, Axial, Standard	<a href="#">SOD66</a> (DO-41)	Full production	<input type="text" value="order this"/> <input type="text" value="-"/>

		9335 007 30133	Standard Marking * Ammopack, Axial, 52mm	<a href="#">SOD66</a> (DO-41)	Full production	-
BZV85- C24	BZV85- C24 T/R	9335 007 40113	Standard Marking * Reel Pack, Axial, Standard	<a href="#">SOD66</a> (DO-41)	Full production	<input type="text" value="order this"/> <input type="text" value="-"/>
		9335 007 40133	Standard Marking * Ammopack, Axial, 52mm	<a href="#">SOD66</a> (DO-41)	Full production	-
BZV85- C27	BZV85- C27 T/R	9335 007 50113	Standard Marking * Reel Pack, Axial, Standard	<a href="#">SOD66</a> (DO-41)	Full production	<input type="text" value="order this"/> <input type="text" value="-"/>
		9335 007 50133	Standard Marking * Ammopack, Axial, 52mm	<a href="#">SOD66</a> (DO-41)	Full production	-
BZV85- C30	BZV85- C30 T/R	9335 007 60113	Standard Marking * Reel Pack, Axial, Standard	<a href="#">SOD66</a> (DO-41)	Full production	<input type="text" value="order this"/> <input type="text" value="-"/>
		9335 007 60133	Standard Marking * Ammopack, Axial, 52mm	<a href="#">SOD66</a> (DO-41)	Full production	-
BZV85- C33	BZV85- C33 T/R	9335 007 70113	Standard Marking * Reel Pack, Axial, Standard	<a href="#">SOD66</a> (DO-41)	Full production	<input type="text" value="order this"/> <input type="text" value="-"/>
		9335 007 70133	Standard Marking * Ammopack, Axial, 52mm	<a href="#">SOD66</a> (DO-41)	Full production	-
BZV85- C36	BZV85- C36 T/R	9335 007 80113	Standard Marking * Reel Pack, Axial, Standard	<a href="#">SOD66</a> (DO-41)	Full production	<input type="text" value="order this"/> <input type="text" value="-"/>
		9335 007 80133	Standard Marking * Ammopack, Axial, 52mm	<a href="#">SOD66</a> (DO-41)	Full production	-
BZV85- C39	BZV85- C39 T/R	9335 007 90113	Standard Marking * Reel Pack, Axial, Standard	<a href="#">SOD66</a> (DO-41)	Full production	<input type="text" value="order this"/> <input type="text" value="-"/>
		9335 007 90133	Standard Marking * Ammopack, Axial, 52mm	<a href="#">SOD66</a> (DO-41)	Full production	-
BZV85- C3V6	BZV85- C3V6 T/R	9336 593 50113	Standard Marking * Reel Pack, Axial, Standard	<a href="#">SOD66</a> (DO-41)	Full production	<input type="text" value="order this"/> <input type="text" value="-"/>
		9336 593 50133	Standard Marking * Ammopack, Axial, 52mm	<a href="#">SOD66</a> (DO-41)	Full production	-
BZV85- C3V9	BZV85- C3V9 T/R	9336 593 60113	Standard Marking * Reel Pack, Axial, Standard	<a href="#">SOD66</a> (DO-41)	Full production	<input type="text" value="order this"/> <input type="text" value="-"/>

		9336 593 60133	Standard Marking * Ammopack, Axial, 52mm	<a href="#">SOD66</a> (DO-41)	Full production	-
BZV85-C43	BZV85-C43 T/R	9335 008 00113	Standard Marking * Reel Pack, Axial, Standard	<a href="#">SOD66</a> (DO-41)	Full production	<input type="text" value="order this"/> <input type="text" value="-"/>
		9335 008 00133	Standard Marking * Ammopack, Axial, 52mm	<a href="#">SOD66</a> (DO-41)	Full production	-
BZV85-C47	BZV85-C47 T/R	9335 008 10113	Standard Marking * Reel Pack, Axial, Standard	<a href="#">SOD66</a> (DO-41)	Full production	<input type="text" value="order this"/> <input type="text" value="-"/>
		9335 008 10133	Standard Marking * Ammopack, Axial, 52mm	<a href="#">SOD66</a> (DO-41)	Full production	-
BZV85-C4V3	BZV85-C4V3 T/R	9336 593 70113	Standard Marking * Reel Pack, Axial, Standard	<a href="#">SOD66</a> (DO-41)	Full production	<input type="text" value="order this"/> <input type="text" value="-"/>
		9336 593 70133	Standard Marking * Ammopack, Axial, 52mm	<a href="#">SOD66</a> (DO-41)	Full production	-
BZV85-C4V7	BZV85-C4V7 T/R	9336 593 80113	Standard Marking * Reel Pack, Axial, Standard	<a href="#">SOD66</a> (DO-41)	Full production	<input type="text" value="order this"/> <input type="text" value="-"/>
		9336 593 80133	Standard Marking * Ammopack, Axial, 52mm	<a href="#">SOD66</a> (DO-41)	Full production	-
BZV85-C51	BZV85-C51 T/R	9335 008 20113	Standard Marking * Reel Pack, Axial, Standard	<a href="#">SOD66</a> (DO-41)	Full production	<input type="text" value="order this"/> <input type="text" value="-"/>
		9335 008 20133	Standard Marking * Ammopack, Axial, 52mm	<a href="#">SOD66</a> (DO-41)	Full production	-
BZV85-C56	BZV85-C56 T/R	9335 008 30113	Standard Marking * Reel Pack, Axial, Standard	<a href="#">SOD66</a> (DO-41)	Full production	<input type="text" value="order this"/> <input type="text" value="-"/>
		9335 008 30133	Standard Marking * Ammopack, Axial, 52mm	<a href="#">SOD66</a> (DO-41)	Full production	-
BZV85-C5V1	BZV85-C5V1 T/R	9335 005 80113	Standard Marking * Reel Pack, Axial, Standard	<a href="#">SOD66</a> (DO-41)	Full production	<input type="text" value="order this"/> <input type="text" value="-"/>
		9335 005 80133	Standard Marking * Ammopack, Axial, 52mm	<a href="#">SOD66</a> (DO-41)	Full production	-
BZV85-C5V6	BZV85-C5V6 T/R	9335 005 90113	Standard Marking * Reel Pack, Axial, Standard	<a href="#">SOD66</a> (DO-41)	Full production	<input type="text" value="order this"/> <input type="text" value="-"/>


		9335 005 90133	Standard Marking * Ammopack, Axial, 52mm	<a href="#">SOD66</a> (DO-41)	Full production	-
BZV85- C62	BZV85- C62 T/R	9335 008 40113	Standard Marking * Reel Pack, Axial, Standard	<a href="#">SOD66</a> (DO-41)	Full production	<input type="text" value="order this"/> <input type="text" value="-"/>
		9335 008 40133	Standard Marking * Ammopack, Axial, 52mm	<a href="#">SOD66</a> (DO-41)	Full production	-
BZV85- C68	BZV85- C68 T/R	9335 008 50113	Standard Marking * Reel Pack, Axial, Standard	<a href="#">SOD66</a> (DO-41)	Full production	<input type="text" value="order this"/> <input type="text" value="-"/>
		9335 008 50133	Standard Marking * Ammopack, Axial, 52mm	<a href="#">SOD66</a> (DO-41)	Full production	-
BZV85- C6V2	BZV85- C6V2 T/R	9335 006 00113	Standard Marking * Reel Pack, Axial, Standard	<a href="#">SOD66</a> (DO-41)	Full production	<input type="text" value="order this"/> <input type="text" value="-"/>
		9335 006 00133	Standard Marking * Ammopack, Axial, 52mm	<a href="#">SOD66</a> (DO-41)	Full production	-
BZV85- C6V8	BZV85- C6V8 T/R	9335 006 10113	Standard Marking * Reel Pack, Axial, Standard	<a href="#">SOD66</a> (DO-41)	Full production	<input type="text" value="order this"/> <input type="text" value="-"/>
		9335 006 10133	Standard Marking * Ammopack, Axial, 52mm	<a href="#">SOD66</a> (DO-41)	Full production	-
BZV85- C75	BZV85- C75 T/R	9335 008 60113	Standard Marking * Reel Pack, Axial, Standard	<a href="#">SOD66</a> (DO-41)	Full production	<input type="text" value="order this"/> <input type="text" value="-"/>
		9335 008 60133	Standard Marking * Ammopack, Axial, 52mm	<a href="#">SOD66</a> (DO-41)	Full production	-
BZV85- C7V5	BZV85- C7V5 T/R	9335 006 20113	Standard Marking * Reel Pack, Axial, Standard	<a href="#">SOD66</a> (DO-41)	Full production	<input type="text" value="order this"/> <input type="text" value="-"/>
		9335 006 20133	Standard Marking * Ammopack, Axial, 52mm	<a href="#">SOD66</a> (DO-41)	Full production	-
BZV85- C8V2		9335 006 30113	Standard Marking * Reel Pack, Axial, Standard	<a href="#">SOD66</a> (DO-41)	Full production	-
		9335 006 30133	Standard Marking * Ammopack, Axial, 52mm	<a href="#">SOD66</a> (DO-41)	Full production	-
BZV85- C9V1	BZV85- C9V1 T/R	9335 006 40113	Standard Marking * Reel Pack, Axial, Standard	<a href="#">SOD66</a> (DO-41)	Full production	<input type="text" value="order this"/> <input type="text" value="-"/>



		9335 006 40133	Standard Marking * Ammopack, Axial, 52mm	<a href="#">SOD66</a> (DO-41)	Full production	-
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Products in the above table are all in production. Some variants are discontinued; [click here](#) for information on these variants.

## ▣ Similar products

 [BZV85 series](#) links to the similar products page containing an overview of products that are similar in function or related to the type number(s) as listed on this page. The similar products page includes products from the same catalog tree(s), relevant selection guides and products from the same functional category.

## ▣ Support & tools

[Spice model of BZV85-C3V6](#)

 [Schottky diodes; Selection guide](#) (date 05-Aug-20)

 [Letter Symbols - Diodes General](#) (date 01-May-99)

 [Letter Symbols - Transistors General](#) (date 01-May-99)

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