



Image may be representation.
See specifications for product details.



BZX84B5V1LT1G

| | |
|--------------------------|--|
| Manufacturer Part Number | BZX84B5V1LT1G |
| Manufacturer | onsemi |
| Allelco Part Number | 32D-BZX84B5V1LT1G |
| ECAD Model | PCB Symbol, Footprint & 3D Model |
| Parts Description | DIODE ZENER 5.1V 225MW SOT23-3 |
| Package | TO-236-3, SC-59, SOT-23-3 |
| Data sheet | BZX84B/CzzzLT1G, SZBZX84B/CzzzLT1G Series.pdf BZX84B/CzzzLT1G, SZBZX84B/CzzzLT1G Series.pdf |
| RoHs Status | ROHS3 Compliant |

Get a Quote

BZX84B5V1LT1G - onsemi.New Original in Stock. Download Linear Technology BZX84B5V1LT1G datasheet/specifications on AllelcoElec.com.
Request a quote for BZX84B5V1LT1G, please send us email: info@allelco.com

Specifications

BZX84B5V1LT1G Tech Specifications

BZX84B5V1LT1G - onsemi technical specifications, attributes, parameters

| Product Attribute | Attribute Value | Product Attribute | Attribute Value |
|-----------------------------------|-------------------|--------------------------------|---------------------------|
| Manufacturer | onsemi | Package / Case | TO-236-3, SC-59, SOT-23-3 |
| Voltage - Zener (Nom) (Vz) | 5.1 V | Package | Tape & Reel (TR) |
| Voltage - Forward (Vf) (Max) @ If | 900 mV @ 10 mA | Operating Temperature | -65°C ~ 150°C (TJ) |
| Tolerance | ±2% | Mounting Type | Surface Mount |
| Supplier Device Package | SOT-23-3 (TO-236) | Impedance (Max) (Zzt) | 60 Ohms |
| Series | - | Current - Reverse Leakage @ Vr | 2 µA @ 2 V |
| Power - Max | 225 mW | Base Product Number | BZX84 |

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi BZX84B5V1LT1G

| Product Attribute | | | | |
|-----------------------------------|---------------------------|---------------------------|---------------------------|--|
| Part Number | BZX84B5V1LT1G | BZX84B5V6-7-F | BZX84B5V6LT1G | BZX84B5V1-HE3-08 |
| Manufacturer | onsemi | Diodes Incorporated | onsemi | Vishay General Semiconductor - Diodes Division |
| Current - Reverse Leakage @ Vr | 2 µA @ 2 V | 1 µA @ 2 V | 1 µA @ 2 V | 2 µA @ 2 V |
| Operating Temperature | -65°C ~ 150°C (TJ) | -65°C ~ 150°C | -65°C ~ 150°C (TJ) | -55°C ~ 150°C |
| Impedance (Max) (Zzt) | 60 Ohms | 40 Ohms | 40 Ohms | 60 Ohms |
| Tolerance | ±2% | ±2% | ±2% | ±2% |
| Voltage - Zener (Nom) (Vz) | 5.1 V | 5.6 V | 5.6 V | 5.1 V |
| Power - Max | 225 mW | 300 mW | 225 mW | 300 mW |
| Voltage - Forward (Vf) (Max) @ If | 900 mV @ 10 mA | 900 mV @ 10 mA | 900 mV @ 10 mA | - |
| Package | Tape & Reel (TR) | Tape & Reel (TR) | Tape & Reel (TR) | Tape & Reel (TR) |
| Supplier Device Package | SOT-23-3 (TO-236) | SOT-23-3 | SOT-23-3 (TO-236) | SOT-23-3 |
| Base Product Number | BZX84 | BZX84 | BZX84 | BZX84B5V1 |
| Package / Case | TO-236-3, SC-59, SOT-23-3 | TO-236-3, SC-59, SOT-23-3 | TO-236-3, SC-59, SOT-23-3 | TO-236-3, SC-59, SOT-23-3 |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Surface Mount |
| Series | - | - | - | Automotive, AEC-Q101, BZX84 |

BZX84B5V1LT1G Datasheet PDF

Download BZX84B5V1LT1G pdf datasheets and onsemi documentation for BZX84B5V1LT1G - onsemi.

Datasheets

[BZX84B/CzzzLT1G, SZBZX84B/CzzzLT1G Series.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

PCN Design/Specification

[SOT23 16/Sep/2016.pdf](#)

[Copper Wire 08/Jun/2009.pdf](#)

HTML Datasheet










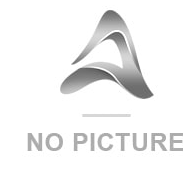








[BZX84B/CzzzLT1G, SZBZX84B/CzzzLT1G Series.pdf](#)

PCN Assembly/Origin

[Mult Dev Mold Comp Chg 7/Apr/2020.pdf](#)

Customers Also Interested in

Recommended Products

| | | | | | |
|---|--|---|---|---|---|
|  |  |  |  |  |  |
| BZX84B5V6-7-F Diodes Incorporated DIODE ZENER 5.6V 300MW SOT23-3 | BZX84B5V6LT1G onsemi DIODE ZENER 5.6V 225MW SOT23-3 | BZX84B5V1-HE3-08 Vishay General Semiconductor - Diodes Division DIODE ZENER 5.1V 300MW SOT23-3 | BZX84B5V6-HE3-08 Vishay General Semiconductor - Diodes Division DIODE ZENER 5.6V 300MW SOT23-3 | BZX84B5V6Q-13-F Diodes Incorporated TIGHT TOLERANCE ZENER SOT23 T&R | BZX84B56-V-GS08 Electro-Films (EFI) / Vishay |
|  |  |  |  |  |  |
| BZX84B56-V-GS08/23-56V Electro-Films (EFI) / Vishay | BZX84B5V1-7-F Diodes Incorporated DIODE ZENER 5.1V 300MW SOT23 | BZX84B5V1 Diotec Semiconductor DIODE ZENER 5.1V 300MW SOT23-3 | BZX84B56 Rectron USA DIODE ZENER 56V 350MW SOT-23 | BZX84B5V1Q-7-F Diodes Incorporated TIGHT TOLERANCE ZENER DIODE SOT2 | BZX84B6V2 Good-Ark Semiconductor DIODE, ZENER, 0.5W, 6.2V, SOD-12 |
|  |  |  |  |  |  |
| BZX84B5V LUMILEDS | BZX84B56-E3-08 Vishay General Semiconductor - Diodes Division DIODE ZENER 56V 300MW SOT23-3 | BZX84B5V1 Yangjie Technology SOT-23 5.1V 0.35W Diodes Zener | BZX84B68_R1_00001 Panjit International Inc. SURFACE MOUNT SILICON ZENER DIOD | BZX84B5V6Q-7-F Diodes Incorporated TIGHT TOLERANCE ZENER SOT23 T&R | BZX84B5V6-TP Micro Commercial Co DIODE ZENER 5.6V 350MW SOT23 |

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
 - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

| Common Countries Logistic Time Reference | | |
|--|----------------|--------------------|
| Region | Country | Logistic Time(Day) |
| America | United States | 5 |
| | Brazil | 7 |
| Europe | Germany | 5 |
| | United Kingdom | 4 |
| | Italy | 5 |
| Oceania | Australia | 6 |
| | New Zealand | 7 |
| Asia | India | 6 |
| | Japan | 7 |
| Middle East | Israel | 6 |

| DHL & FedEx Shipment Charges Reference | |
|--|----------------------|
| Shipment charges(KG) | Reference DHL(USD\$) |
| 0.00kg-1.00kg | USD\$60.00 |
| 1.00kg-2.00kg | USD\$70.00 |
| 2.00kg-3.00kg | USD\$80.00 |

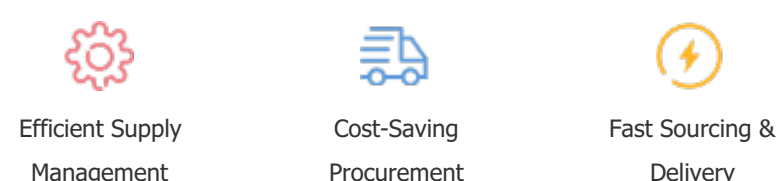
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



[View More](#)

Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong
Phone: +00852 9146 4856
Fax: +00852 3010 8510
Email: info@Allelco.com