



Image may be representation.
See specifications for product details.



BZW50-100B

| | |
|--------------------------|---------------------------------|
| Manufacturer Part Number | BZW50-100B |
| Manufacturer | STMicroelectronics |
| Allelco Part Number | 32D-BZW50-100B |
| ECAD Model | PCB Symbol, Footprint & 3D Mode |
| Parts Description | TVS DIODE 100VWM 228VC R6 |
| Package | R-6, Axial |
| Data sheet | BZW50-10, B,180, B.pdf |
| RoHs Status | ROHS3 Compliant |

Get a Quote

BZW50-100B - STMicroelectronics.New Original in Stock. Download Linear Technology BZW50-100B datasheet/specifications on AllelcoElec.com.
Request a quote for BZW50-100B, please send us email: info@allelco.com

Specifications

BZW50-100B Tech Specifications

BZW50-100B - STMicroelectronics technical specifications, attributes, parameters

| Product Attribute | Attribute Value | Product Attribute | Attribute Value |
|----------------------------------|--------------------|----------------------------------|-----------------|
| Manufacturer | STMicroelectronics | Package / Case | R-6, Axial |
| Voltage - Reverse Standoff (Typ) | 100V | Package | Cut Tape (CT) |
| Voltage - Clamping (Max) @ Ipp | 228V | Operating Temperature | - |
| Voltage - Breakdown (Min) | 111V | Mounting Type | Through Hole |
| Type | Zener | Current - Peak Pulse (10/1000µs) | 263A (8/20µs) |
| Supplier Device Package | R-6 | Capacitance @ Frequency | 1150pF @ 1MHz |
| Series | BZW50, TRANSIL™ | Bidirectional Channels | 1 |
| Power Line Protection | No | Base Product Number | BZW50 |
| Power - Peak Pulse | 5000W (5kW) | Applications | General Purpose |

Parts with Similar Specifications

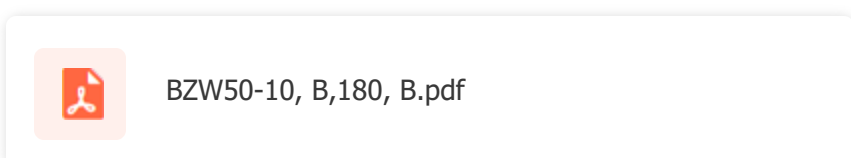
The three parts on the right have similar specifications to STMicroelectronics BZW50-100B

| Product Attribute | | | | |
|----------------------------------|--------------------|--------------------|------------------------|------------------------|
| Part Number | BZW50-100B | BZW50-27B | BZW06-5V8B | BZW06-37BRL |
| Manufacturer | STMicroelectronics | STMicroelectronics | Diotec Semiconductor | STMicroelectronics |
| Type | Zener | Zener | Zener | Zener |
| Voltage - Breakdown (Min) | 111V | 30V | 6.45V | 418V |
| Power Line Protection | No | No | No | No |
| Series | BZW50, TRANSIL™ | BZW50, TRANSIL™ | - | BZW06 |
| Operating Temperature | - | - | -50°C ~ 175°C (TJ) | -55°C ~ 175°C (TJ) |
| Mounting Type | Through Hole | Through Hole | Through Hole | Through Hole |
| Voltage - Clamping (Max) @ Ipp | 228V | 62V | 10.5V | 603V |
| Capacitance @ Frequency | 1150pF @ 1MHz | 3500pF @ 1MHz | - | - |
| Current - Peak Pulse (10/1000µs) | 263A (8/20µs) | 968A (8/20µs) | 57A | 1A |
| Bidirectional Channels | 1 | 1 | 1 | 1 |
| Voltage - Reverse Standoff (Typ) | 100V | 27V | 5.8V | 376V (Max) |
| Applications | General Purpose | General Purpose | General Purpose | General Purpose |
| Package | Cut Tape (CT) | Cut Tape (CT) | Tape & Reel (TR) | Bulk |
| Power - Peak Pulse | 5000W (5kW) | 5000W (5kW) | 600W | 600W |
| Package / Case | R-6, Axial | R-6, Axial | DO-204AC, DO-15, Axial | DO-204AC, DO-15, Axial |
| Base Product Number | BZW50 | BZW50 | BZW06 | BZW06 |
| Supplier Device Package | R-6 | R-6 | DO-15 (DO-204AC) | DO-15 (DO-204AC) |

BZW50-100B Datasheet PDF

Download BZW50-100B pdf datasheets and STMicroelectronics documentation for BZW50-100B - STMicroelectronics.

HTML Datasheet



Customers Also Interested in

Recommended Products



BZW50-27B

STMicroelectronics
TVS DIODE 27VWM 62VC R6



BZW06-5V8B

Diotec Semiconductor
TVS DO-15 5.8V 600W BI



BZW06-37BRL

STMicroelectronics
DISCRETE



BZW06-376BRL

STMicroelectronics
TVS DIODE 376VWM 776VC DO15



BZW50-39BRL

STMicroelectronics
TVS DIODE 39VWM 90VC R6



BZW50-15

STMicroelectronics
TVS DIODE 15V 35V R-6

**BZW06-40**

Taiwan Semiconductor Corporation
TVS DIODE 40.2VWM 84VC DO204AC

**BZW50-33B**

STMicroelectronics
TVS DIODE 33VWM 76VC R6

**BZW50-100**

STMicroelectronics
TVS DIODE 100VWM 228VC R6

**BZW50-39**

STMicroelectronics
TVS DIODE 39VWM 90VC R6

**BZW06-40**

Diotec Semiconductor
TVS DIODE 40.2VWM 64.8VC DO15

**BZW06-342B**

Diotec Semiconductor
TVS DO-15 342V 600W BI

**BZW06-5V8BRL**

STMicroelectronics
TVS DIODE 5.8VWM 13.4VC DO15

**BZW06-342BRL**

STMicroelectronics
TVS DIODE 342VWM 706VC DO15

**BZW50-33BRL**

STMicroelectronics
TVS DIODE 33VWM 76VC R6

**BZW06-5V8B**

STMicroelectronics
TVS DIODE 5.8VWM 13.4VC DO15

**BZW50-12B**

STMicroelectronics
TVS DIODE 12V 28V R-6

**BZW50-33**

STMicroelectronics
TVS DIODE 33VWM 76VC R6

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 -



Efficient Supply Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



Phone

+00852 9146 4856



Email

info@allelco.com

Certifications & Memberships



View More

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