



Image may be representation.  
See specifications for product details.



## MMSZ5231BT1

Manufacturer Part Number	<b>MMSZ5231BT1</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-MMSZ5231BT1
ECAD Model	Request Free CAD Models
Parts Description	DIODE ZENER 5.1V 500MW SOD123
Package	SOD-123
Data sheet	<b>MMSZ52xxxT1G, SZMMSZ52xxxT1G.pdf</b>

**Get a Quote**

MMSZ5231BT1 - onsemi. New Original in Stock. Download Linear Technology MMSZ5231BT1 datasheet/specifications on AllelcoElec.com.  
Request a quote for MMSZ5231BT1, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MMSZ5231BT1 Tech Specifications  
MMSZ5231BT1 - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package / Case	SOD-123
Voltage - Zener (Nom) (Vz)	5.1 V	Package	Tape & Reel (TR)
Voltage - Forward (Vf) (Max) @ If	900 mV @ 10 mA	Operating Temperature	-55°C ~ 150°C
Tolerance	±5%	Mounting Type	Surface Mount
Supplier Device Package	SOD-123	Impedance (Max) (Zzt)	17 Ohms
Series	-	Current - Reverse Leakage @ Vr	5 µA @ 2 V
Power - Max	500 mW	Base Product Number	MMSZ523

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MMSZ5231BT1

Product Attribute				
Part Number	MMSZ5231BT1	<b>MMSZ5231BT3G</b>	<b>MMSZ5231B-13-F</b>	<b>MMSZ5231C-E3-08</b>
Manufacturer	onsemi	onsemi	Diodes Incorporated	Vishay General Semiconductor - Diodes Division
Supplier Device Package	SOD-123	SOD-123	SOD-123	SOD-123
Voltage - Zener (Nom) (Vz)	5.1 V	5.1 V	5.1 V	5.1 V
Series	-	-	-	-
Tolerance	±5%	±5%	±5%	±2%
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Power - Max	500 mW	500 mW	370 mW	500 mW
Base Product Number	MMSZ523	MMSZ523	MMSZ5231	MMSZ5231
Package / Case	SOD-123	SOD-123	SOD-123	SOD-123
Current - Reverse Leakage @ Vr	5 µA @ 2 V	5 µA @ 2 V	5 µA @ 2 V	5 µA @ 2 V
Voltage - Forward (Vf) (Max) @ If	900 mV @ 10 mA	900 mV @ 10 mA	900 mV @ 10 mA	-
Impedance (Max) (Zzt)	17 Ohms	17 Ohms	17 Ohms	17 Ohms
Operating Temperature	-55°C ~ 150°C	-55°C ~ 150°C	-65°C ~ 150°C	-55°C ~ 150°C

### MMSZ5231BT1 Datasheet PDF

Download MMSZ5231BT1 pdf datasheets and onsemi documentation for MMSZ5231BT1 - onsemi.

#### Datasheets

[MMSZ52xxxT1G, SZMMSZ52xxxT1G.pdf](#)

#### Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

#### PCN Obsolescence/ EOL

[Multiple Devices 20/Aug/2008.pdf](#)

### Customers Also Interested in

#### Recommended Products

<b>MMSZ5231BT3G</b>	<b>MMSZ5231B-13-F</b>	<b>MMSZ5231C-E3-08</b>	<b>MMSZ5231B T/R</b>	<b>MMSZ5231B-TP</b>	<b>MMSZ5232A_R1_00001</b>
onsemi	Diodes Incorporated	Vishay General Semiconductor - Diodes Division	PANJIT	Micro Commercial Co	Panjit International Inc.
DIODE ZENER 5.1V 500MW SOD123	DIODE ZENER 5.1V 370MW SOD123	DIODE ZENER 5.1V 500MW SOD123		DIODE ZENER 5.1V 500MW SOD123	SOD-123, ZENER

**MMSZ5232B**Good-Ark Semiconductor  
DIODE, ZENER, 0.5W, 5.6V, SOD-12**MMSZ5231BS-7-F**Diodes Incorporated  
DIODE ZENER 5.1V 200MW SOD323**MMSZ5231BS T/R**

PANJIT

**MMSZ5231B-7-F**Diodes Incorporated  
DIODE ZENER 5.1V 500MW SOD123**MMSZ5232B**Taiwan Semiconductor Corporation  
SOD-123F, 500MW, 5%, SMALL SIGNA**MMSZ5232A T/R**

PANJIT

**MMSZ5231BS**Yangjie Technology  
Diodes - Rectifiers - Single SOD**MMSZ5231BT1G**onsemi  
DIODE ZENER 5.1V 500MW SOD123**MMSZ5232A**

WILLAS

**MMSZ5231B-E3-08**Vishay General Semiconductor - Diodes Division  
DIODE ZENER 5.1V 500MW SOD123**MMSZ5232B**Diotec Semiconductor  
ZENERDIODE, SOD-123, 5.20V~5.6V,**MMSZ5231B-TG**

WILLAS

## 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 &amp; Delivery

Contact us if you have any questions.



Phone

+00852 9146 4856



Email

info@allelco.com

## Certifications & Memberships



[View More](#)

### Contact us

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