



Image may be representation.  
See specifications for product details.



## MMSZ5240BT1G

Manufacturer Part Number	<b>MMSZ5240BT1G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-MMSZ5240BT1G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DIODE ZENER 10V 500MW SOD123
Package	SOD-123
Data sheet	<a href="#">MMSZ52zzzT1G, SZMMSZ52zzzT1G Series.pdf</a> <a href="#">MMSZ52zzzT1G, SZMMSZ52zzzT1G Series.pdf</a>
RoHs Status	ROHS3 Compliant

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MMSZ5240BT1G - onsemi.New Original in Stock. Download Linear Technology MMSZ5240BT1G datasheet/specifications on AllelcoElec.com.  
Request a quote for MMSZ5240BT1G, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MMSZ5240BT1G Tech Specifications

MMSZ5240BT1G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package / Case	SOD-123
Voltage - Zener (Nom) (Vz)	10 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	MMSZ52xxxT1G	Current - Reverse Leakage @ Vr	3 µA @ 8 V
Power - Max	500 mW	Base Product Number	MMSZ524

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MMSZ5240BT1G

Product Attribute				
Part Number	MMSZ5240BT1G	<a href="#">MMSZ5240C-E3-08</a>	<a href="#">MMSZ5240BS-7-F</a>	<a href="#">MMSZ5240B-7-F</a>
Manufacturer	onsemi	Vishay General Semiconductor - Diodes Division	Diodes Incorporated	Diodes Incorporated
Package / Case	SOD-123	SOD-123	SC-76, SOD-323	SOD-123
Voltage - Zener (Nom) (Vz)	10 V	10 V	10 V	10 V
Current - Reverse Leakage @ Vr	3 µA @ 8 V	3 µA @ 8 V	3 µA @ 8 V	3 µA @ 8 V
Series	MMSZ52xxxT1G	-	-	-
Operating Temperature	-55°C ~ 150°C	-55°C ~ 150°C	-65°C ~ 150°C	-65°C ~ 150°C
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Power - Max	500 mW	500 mW	200 mW	500 mW
Base Product Number	MMSZ524	MMSZ5240	MMSZ5240	MMSZ5240
Voltage - Forward (Vf) (Max) @ If	900 mV @ 10 mA	-	900 mV @ 10 mA	900 mV @ 10 mA
Tolerance	±5%	±2%	±5%	±5%
Impedance (Max) (Zzt)	17 Ohms	17 Ohms	17 Ohms	17 Ohms
Supplier Device Package	SOD-123	SOD-123	SOD-323	SOD-123

### MMSZ5240BT1G Datasheet PDF

Download MMSZ5240BT1G pdf datasheets and onsemi documentation for MMSZ5240BT1G - onsemi.

#### Datasheets

[MMSZ52zzzT1G, SZMMSZ52zzzT1G Series.pdf](#)

#### Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

#### HTML Datasheet

[MMSZ52zzzT1G, SZMMSZ52zzzT1G Series.pdf](#)

#### PCN Design/Specification

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



















[Mult Devices 09/Nov/2017.pdf](#)

#### PCN Assembly/Origin

[Mult Dev 24/Apr/2020.pdf](#)

### Customers Also Interested in

## Recommended Products

 NO PICTURE			 NO PICTURE		
<b>MMSZ5240BG</b> FIRST	<b>MMSZ5240C-E3-08</b> Vishay General Semiconductor - Diodes Division DIODE ZENER 10V 500MW SOD123	<b>MMSZ5240BS-7-F</b> Diodes Incorporated DIODE ZENER 10V 200MW SOD323	<b>MMSZ5240B-R1-00001</b> PANJIT	<b>MMSZ5240B-7-F</b> Diodes Incorporated DIODE ZENER 10V 500MW SOD123	<b>MMSZ5241B</b> onsemi DIODE ZENER 11V 500MW SOD123
 NO PICTURE			 NO PICTURE	 NO PICTURE	
<b>MMSZ5240B_R1</b> PANJIT	<b>MMSZ5240BT1</b> onsemi DIODE ZENER 10V 500MW SOD-123	<b>MMSZ5241B-7</b> Diodes Incorporated DIODE ZENER 11V 500MW SOD123	<b>MMSZ5241B T/R</b> PANJIT	<b>MMSZ5241B</b> Yangjie Technology Diodes - Rectifiers - Single SOD	<b>MMSZ5241B</b> Fairchild Semiconductor DIODE ZENER 11V 500MW SOD123
					 NO PICTURE
<b>MMSZ5240BLT1G</b> AMI Semiconductor/onsemi	<b>MMSZ5241B</b> Taiwan Semiconductor Corporation SOD-123F, 500MW, 5%, SMALL SIGNA	<b>MMSZ5240BS</b> Yangjie Technology Diodes - Rectifiers - Single SOD	<b>MMSZ5240C-G3-08</b> Vishay General Semiconductor - Diodes Division DIODE ZENER 10V 500MW SOD123	<b>MMSZ5240BQ-7-F</b> Diodes Incorporated DIODE ZENER 10V 370MW SOD123	<b>MMSZ5241B</b> Diotec Semiconductor ZENER SOD-123 11V 0.5W 5%

## 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

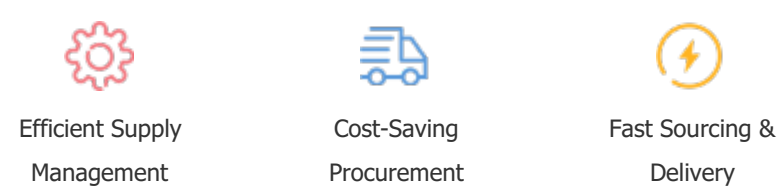
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### 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



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