



Image may be representation.  
See specifications for product details.



## MMSZ56T1G

Manufacturer Part Number	<b>MMSZ56T1G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-MMSZ56T1G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DIODE ZENER 56V 500MW SOD123
Package	SOD-123
Data sheet	<b>MMSZyyyT1G, SZMMSZyyyT1G Series.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

MMSZ56T1G - onsemi.New Original in Stock. Download Linear Technology MMSZ56T1G datasheet/specifications on AllelcoElec.com.  
Request a quote for MMSZ56T1G, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MMSZ56T1G Tech Specifications

MMSZ56T1G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package / Case	SOD-123
Voltage - Zener (Nom) (Vz)	56 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)	200 Ohms
Series	-	Current - Reverse Leakage @ Vr	50 nA @ 39.2 V
Power - Max	500 mW	Base Product Number	MMSZ56

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MMSZ56T1G

Product Attribute				
Part Number	MMSZ56T1G	<b>MMSZ5272BT3</b>	<b>MMSZ5V1T1G</b>	<b>MMSZ5V1T3G</b>
Manufacturer	onsemi	onsemi	onsemi	onsemi
Supplier Device Package	SOD-123	SOD-123	SOD-123	SOD-123
Voltage - Forward (Vf) (Max) @ If	900 mV @ 10 mA	900 mV @ 10 mA	900 mV @ 10 mA	900 mV @ 10 mA
Package / Case	SOD-123	SOD-123	SOD-123	SOD-123
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	-	-	-	-
Operating Temperature	-55°C ~ 150°C	-55°C ~ 150°C	-55°C ~ 150°C	-55°C ~ 150°C
Current - Reverse Leakage @ Vr	50 nA @ 39.2 V	100 nA @ 84 V	2 µA @ 2 V	2 µA @ 2 V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Impedance (Max) (Zzt)	200 Ohms	750 Ohms	60 Ohms	60 Ohms
Power - Max	500 mW	500 mW	500 mW	500 mW
Base Product Number	MMSZ56	MMSZ527	MMSZ5V1	MMSZ5V
Tolerance	±5%	±5%	±5%	±5%
Voltage - Zener (Nom) (Vz)	56 V	110 V	5.1 V	5.1 V

### MMSZ56T1G Datasheet PDF

Download MMSZ56T1G pdf datasheets and onsemi documentation for MMSZ56T1G - onsemi.

#### Datasheets

[MMSZyyyT1G, SZMMSZyyyT1G Series.pdf](#)

#### Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.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

					
<b>MMSZ5272BT3</b> onsemi DIODE ZENER 110V 500MW SOD123	<b>MMSZ5V1T1G</b> onsemi DIODE ZENER 5.1V 500MW SOD123	<b>MMSZ5V6ST1G</b> AMI Semiconductor/onsemi	<b>MMSZ5267B-V-GS08</b> Electro-Films (EFI) / Vishay	<b>MMSZ5V6B</b> YEASHIN	<b>MMSZ5V1T3G</b> onsemi DIODE ZENER 5.1V 500MW SOD123
					
<b>MMSZ5272BT3G</b> onsemi DIODE ZENER 110V 500MW SOD123	<b>MMSZ5268BT1G</b> onsemi DIODE ZENER 82V 500MW SOD123	<b>MMSZ5266BT1G</b> onsemi DIODE ZENER 68V 500MW SOD123	<b>MMSZ5270B</b> Rectron USA DIODE ZENER 91V 500MW SOD-123	<b>MMSZ5V1CW</b> CHROBNG	<b>MMSZ5270BT1G</b> onsemi DIODE ZENER 91V 500MW SOD123
					
<b>MMSZ5267BT1G</b> onsemi DIODE ZENER 75V 500MW SOD123	<b>MMSZ5V6</b> YEASHIN	<b>MMSZ5V1</b> SUNMATE	<b>MMSZ5V6T1</b> onsemi DIODE ZENER 5.6V 500MW SOD-123	<b>MMSZ5V6CW</b> TAK	<b>MMSZ5267BT1</b> onsemi DIODE ZENER 75V 500MW SOD-123

## 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



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