



Image may be representation.  
See specifications for product details.



## MMSZ5255BT1G

Manufacturer Part Number	<b>MMSZ5255BT1G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-MMSZ5255BT1G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DIODE ZENER 28V 500MW SOD123
Package	SOD-123
Data sheet	<b>MMSZ52zzzT1G, SZMMSZ52zzzT1G Series.pdf</b> <b>MMSZ52zzzT1G, SZMMSZ52zzzT1G Series.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

MMSZ5255BT1G - onsemi.New Original in Stock. Download Linear Technology MMSZ5255BT1G datasheet/specifications on AllelcoElec.com.  
Request a quote for MMSZ5255BT1G, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MMSZ5255BT1G Tech Specifications

MMSZ5255BT1G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package / Case	SOD-123
Voltage - Zener (Nom) (Vz)	28 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)	44 Ohms
Series	MMSZ52xxxT1G	Current - Reverse Leakage @ Vr	100 nA @ 21 V
Power - Max	500 mW	Base Product Number	MMSZ525

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MMSZ5255BT1G

Product Attribute				
Part Number	MMSZ5255BT1G	<b>MMSZ5255BS-7-F</b>	<b>MMSZ5254BT1</b>	<b>MMSZ5256BS-7-F</b>
Manufacturer	onsemi	Diodes Incorporated	onsemi	Diodes Incorporated
Supplier Device Package	SOD-123	SOD-323	SOD-123	SOD-323
Impedance (Max) (Zzt)	44 Ohms	44 Ohms	41 Ohms	49 Ohms
Operating Temperature	-55°C ~ 150°C	-65°C ~ 150°C	-55°C ~ 150°C	-65°C ~ 150°C
Current - Reverse Leakage @ Vr	100 nA @ 21 V	100 nA @ 21 V	100 nA @ 21 V	100 nA @ 23 V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Zener (Nom) (Vz)	28 V	28 V	27 V	30 V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Series	MMSZ52xxxT1G	-	-	-
Power - Max	500 mW	200 mW	500 mW	200 mW
Voltage - Forward (Vf) (Max) @ If	900 mV @ 10 mA	900 mV @ 10 mA	900 mV @ 10 mA	900 mV @ 10 mA
Tolerance	±5%	±5%	±5%	±5%
Package / Case	SOD-123	SC-76, SOD-323	SOD-123	SC-76, SOD-323
Base Product Number	MMSZ525	MMSZ5255	MMSZ525	MMSZ5256

### MMSZ5255BT1G Datasheet PDF

Download MMSZ5255BT1G pdf datasheets and onsemi documentation for MMSZ5255BT1G - 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](#)









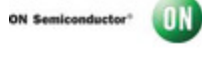









[Mult Devices 09/Nov/2017.pdf](#)

#### PCN Assembly/Origin

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

### Customers Also Interested in

## Recommended Products

					
<b>MMSZ5255BS-7-F</b> Diodes Incorporated DIODE ZENER 28V 200MW SOD323	<b>MMSZ5254BT1</b> onsemi DIODE ZENER 27V 500MW SOD-123	<b>MMSZ5256BS-7-F</b> Diodes Incorporated DIODE ZENER 30V 200MW SOD323	<b>MMSZ5254BT1G</b> onsemi DIODE ZENER 27V 500MW SOD123	<b>MMSZ5256BT1G</b> onsemi DIODE ZENER 30V 500MW SOD123	<b>MMSZ5256BS</b> Yangjie Technology Diodes - Rectifiers - Single SOD
					
<b>MMSZ5255B_R1_00001</b> Panjit International Inc. SOD-123, ZENER	<b>MMSZ5254B-V-GS08</b> Electro-Films (EFI) / Vishay	<b>MMSZ5254B</b> onsemi DIODE ZENER 27V 500MW SOD123	<b>MMSZ5254BS-7-F</b> Diodes Incorporated DIODE ZENER 27V 200MW SOD323	<b>MMSZ5254B-GS08</b> Electro-Films (EFI) / Vishay	<b>MMSZ5254B-E3-08</b> Vishay General Semiconductor - Diodes Division DIODE ZENER 27V 500MW SOD123
					
<b>MMSZ5255B-7-F</b> Diodes Incorporated DIODE ZENER 28V 500MW SOD123	<b>MMSZ5256CT1G</b> onsemi DIODE ZENER 30V 500MW SOD123	<b>MMSZ5256C-E3-08</b> Vishay General Semiconductor - Diodes Division DIODE ZENER 30V 500MW SOD123	<b>MMSZ5256B-7-F</b> Diodes Incorporated DIODE ZENER 30V 500MW SOD123	<b>MMSZ5256B T/R</b> PANJIT	<b>MMSZ5254B-7-F</b> Diodes Incorporated DIODE ZENER 27V 500MW SOD123

## 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

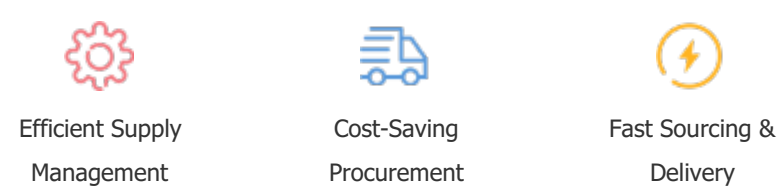
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

## Payment Support

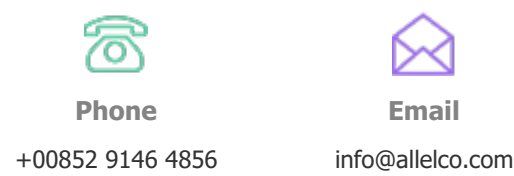
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



## Certifications & Memberships



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