



Image may be representation.  
See specifications for product details.



## SZMMSZ5255BT1G

Manufacturer Part Number **SZMMSZ5255BT1G**

Manufacturer **onsemi**

Allelco Part Number 32D-SZMMSZ5255BT1G

ECAD Model Request Free CAD Models

Parts Description **DIODE ZENER 28V 500MW SOD123**

Package **SOD-123**

Data sheet **MMSZ52zzzT1G, SZMMSZ52zzzT1G Series.pdf**

**MMSZ52zzzT1G, SZMMSZ52zzzT1G Series.pdf**

RoHs Status **ROHS3 Compliant**

**Get a Quote**

SZMMSZ5255BT1G - onsemi.New Original in Stock. Download Linear Technology SZMMSZ5255BT1G datasheet/specifications on AllelcoElec.com.  
Request a quote for SZMMSZ5255BT1G, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

SZMMSZ5255BT1G Tech Specifications  
SZMMSZ5255BT1G - 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	Automotive, AEC-Q101, SZMMSZ52xxxT1G	Current - Reverse Leakage @ Vr	100 nA @ 21 V
Power - Max	500 mW	Base Product Number	SZMMSZ52

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi SZMMSZ5255BT1G

Product Attribute				
Part Number	SZMMSZ5255BT1G	<b>SZMMSZ5265BT1G</b>	<b>SZMMSZ5260BT1G</b>	<b>SZMMSZ5246BT1G</b>
Manufacturer	onsemi	onsemi	onsemi	onsemi
Voltage - Zener (Nom) (Vz)	28 V	62 V	43 V	16 V
Power - Max	500 mW	500 mW	500 mW	500 mW
Base Product Number	SZMMSZ52	SZMMSZ52	SZMMSZ52	SZMMSZ52
Operating Temperature	-55°C ~ 150°C	-55°C ~ 150°C	-55°C ~ 150°C	-55°C ~ 150°C
Voltage - Forward (Vf) (Max) @ If	900 mV @ 10 mA	900 mV @ 10 mA	900 mV @ 10 mA	900 mV @ 10 mA
Series	Automotive, AEC-Q101, SZMMSZ52xxxT1G	Automotive, AEC-Q101, SZMMSZ52xxxT1G	Automotive, AEC-Q101, SZMMSZ52xxxT1G	Automotive, AEC-Q101, SZMMSZ52xxxT1G
Package / Case	SOD-123	SOD-123	SOD-123	SOD-123
Tolerance	±5%	±5%	±5%	±5%
Impedance (Max) (Zzt)	44 Ohms	185 Ohms	93 Ohms	17 Ohms
Current - Reverse Leakage @ Vr	100 nA @ 21 V	100 nA @ 47 V	100 nA @ 33 V	100 nA @ 12 V
Supplier Device Package	SOD-123	SOD-123	SOD-123	SOD-123
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

### SZMMSZ5255BT1G Datasheet PDF

Download SZMMSZ5255BT1G pdf datasheets and onsemi documentation for SZMMSZ5255BT1G - onsemi.

#### Datasheets

[MMSZ52zzzT1G, SZMMSZ52zzzT1G Series.pdf](#)

#### Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

#### PCN Assembly/Origin

[Mult Dev Assembly Chgs 3/Jul/2020.pdf](#)

#### HTML Datasheet

[MMSZ52zzzT1G, SZMMSZ52zzzT1G Series.pdf](#)

### Customers Also Interested in

#### Recommended Products

**SZMMSZ5265BT1G**onsemi  
DIODE ZENER 62V 500MW SOD123**SZMMSZ5260BT1G**onsemi  
DIODE ZENER 43V 500MW SOD123**SZMMSZ5246BT1G**onsemi  
DIODE ZENER 16V 500MW SOD123**SZMMSZ5261BT1G**onsemi  
DIODE ZENER 47V 500MW SOD123**SZMMSZ5248ET1G**onsemi  
DIODE ZENER 18V 500MW SOD123**SZMMSZ5256ET1G**onsemi  
DIODE ZENER 30V 500MW SOD123**SZMMSZ5250BT1G**onsemi  
DIODE ZENER 20V 500MW SOD123**SZMMSZ5250CT1G**onsemi  
ZENER DIODE 500 MW SOD-123**SZMMSZ5266BT1G**onsemi  
DIODE ZENER 68V 500MW SOD123**SZMMSZ5247BT1G**onsemi  
DIODE ZENER 17V 500MW SOD123**SZMMSZ5257BT1G**onsemi  
DIODE ZENER 33V 500MW SOD123**SZMMSZ5246ET1G**onsemi  
DIODE ZENER 16V 500MW SOD123**SZMMSZ5254ET1G**onsemi  
DIODE ZENER 27V 500MW SOD123**SZMMSZ5262BT1G**onsemi  
DIODE ZENER 51V 500MW SOD123**SZMMSZ5245BT1G**onsemi  
DIODE ZENER 15V 500MW SOD123**SZMMSZ5259BT1G**onsemi  
DIODE ZENER 39V 500MW SOD123**SZMMSZ5258ET1G**onsemi  
DIODE ZENER 36V 500MW SOD123**SZMMSZ5254BT1G**onsemi  
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

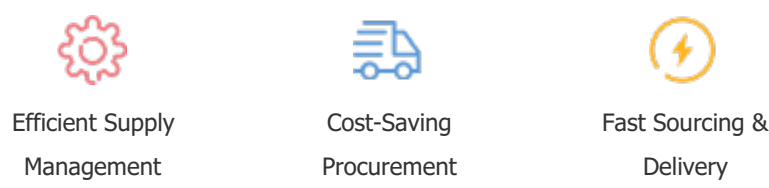
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

## 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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