



Image may be representation.
See specifications for product details.



SZMMSZ5250BT1G

Manufacturer Part Number **SZMMSZ5250BT1G**

Manufacturer **onsemi**

Allelco Part Number 32D-SZMMSZ5250BT1G

ECAD Model Request Free CAD Models

Parts Description **DIODE ZENER 20V 500MW SOD123**

Package **SOD-123**

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

MMSZ52zzzT1G, SZMMSZ52zzzT1G Series.pdf

RoHs Status **ROHS3 Compliant**

Get a Quote

SZMMSZ5250BT1G - onsemi.New Original in Stock. Download Linear Technology SZMMSZ5250BT1G datasheet/specifications on AllelcoElec.com.
Request a quote for SZMMSZ5250BT1G, please send us email: info@allelco.com

Specifications

SZMMSZ5250BT1G Tech Specifications
SZMMSZ5250BT1G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package / Case	SOD-123
Voltage - Zener (Nom) (Vz)	20 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)	25 Ohms
Series	Automotive, AEC-Q101, SZMMSZ52xxxT1G	Current - Reverse Leakage @ Vr	100 nA @ 15 V
Power - Max	500 mW	Base Product Number	SZMMSZ52

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi SZMMSZ5250BT1G

Product Attribute				
Part Number	SZMMSZ5250BT1G	SZMMSZ5246BT1G	SZMMSZ5256ET1G	SZMMSZ5242ET1G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Package / Case	SOD-123	SOD-123	SOD-123	SOD-123
Supplier Device Package	SOD-123	SOD-123	SOD-123	SOD-123
Voltage - Zener (Nom) (Vz)	20 V	16 V	30 V	12 V
Impedance (Max) (Zzt)	25 Ohms	17 Ohms	49 Ohms	30 Ohms
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Operating Temperature	-55°C ~ 150°C	-55°C ~ 150°C	-55°C ~ 150°C	-55°C ~ 150°C
Series	Automotive, AEC-Q101, SZMMSZ52xxxT1G	Automotive, AEC-Q101, SZMMSZ52xxxT1G	Automotive, AEC-Q101, SZMMSZ52xxxT1G	Automotive, AEC-Q101, SZMMSZ52xxxT1G
Voltage - Forward (Vf) (Max) @ If	900 mV @ 10 mA	900 mV @ 10 mA	900 mV @ 10 mA	900 mV @ 10 mA
Current - Reverse Leakage @ Vr	100 nA @ 15 V	100 nA @ 12 V	100 nA @ 23 V	1 µA @ 9.1 V
Power - Max	500 mW	500 mW	500 mW	500 mW
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	SZMMSZ52	SZMMSZ52	SZMMSZ52	SZMMSZ52
Tolerance	±5%	±5%	±5%	±5%

SZMMSZ5250BT1G Datasheet PDF

Download SZMMSZ5250BT1G pdf datasheets and onsemi documentation for SZMMSZ5250BT1G - onsemi.

Datasheets

[MMSZ52zzzT1G, SZMMSZ52zzzT1G Series.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

HTML Datasheet

[MMSZ52zzzT1G, SZMMSZ52zzzT1G Series.pdf](#)

PCN Assembly/Origin

[Mold Compound/Bond Wire 22/Feb/2021.pdf](#)

Customers Also Interested in

Recommended Products

**SZMMSZ5246BT1G**onsemi
DIODE ZENER 16V 500MW SOD123**SZMMSZ5256ET1G**onsemi
DIODE ZENER 30V 500MW SOD123**SZMMSZ5242ET1G**onsemi
DIODE ZENER 12V 500MW SOD123**SZMMSZ5243BT1G**onsemi
DIODE ZENER 13V 500MW SOD123**SZMMSZ5258ET1G**onsemi
DIODE ZENER 36V 500MW SOD123**SZMMSZ5260BT1G**onsemi
DIODE ZENER 43V 500MW SOD123**SZMMSZ5254BT1G**onsemi
DIODE ZENER 27V 500MW SOD123**SZMMSZ5242BT1G**onsemi
DIODE ZENER 12V 500MW SOD123**SZMMSZ5248ET1G**onsemi
DIODE ZENER 18V 500MW SOD123**SZMMSZ5259BT1G**onsemi
DIODE ZENER 39V 500MW SOD123**SZMMSZ5245BT1G**onsemi
DIODE ZENER 15V 500MW SOD123**SZMMSZ5246ET1G**onsemi
DIODE ZENER 16V 500MW SOD123**SZMMSZ5255BT1G**onsemi
DIODE ZENER 28V 500MW SOD123**SZMMSZ5254ET1G**onsemi
DIODE ZENER 27V 500MW SOD123**SZMMSZ5244BT1G**onsemi
DIODE ZENER 14V 500MW SOD123**SZMMSZ5247BT1G**onsemi
DIODE ZENER 17V 500MW SOD123**SZMMSZ5250CT1G**onsemi
ZENER DIODE 500 MW SOD-123**SZMMSZ5257BT1G**onsemi
DIODE ZENER 33V 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

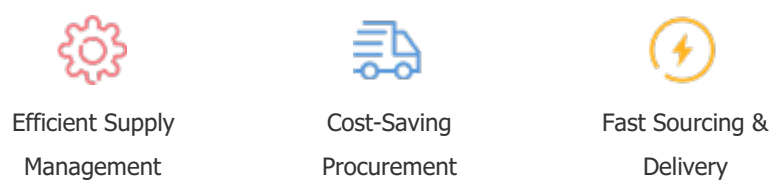
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

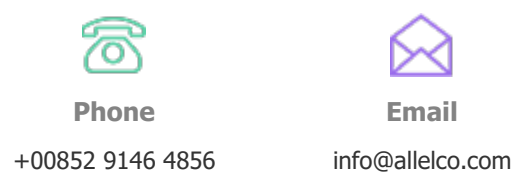
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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