



Image may be representation.
See specifications for product details.



MMSZ5258BT1G

Manufacturer Part Number	MMSZ5258BT1G
Manufacturer	onsemi
Allelco Part Number	32D-MMSZ5258BT1G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DIODE ZENER 36V 500MW SOD123
Package	SOD-123
Data sheet	MMSZ52zzzT1G, SZMMSZ52zzzT1G Series.pdf MMSZ52zzzT1G, SZMMSZ52zzzT1G Series.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MMSZ5258BT1G - onsemi.New Original in Stock. Download Linear Technology MMSZ5258BT1G datasheet/specifications on AllelcoElec.com.
Request a quote for MMSZ5258BT1G, please send us email: info@allelco.com

Specifications

MMSZ5258BT1G Tech Specifications
MMSZ5258BT1G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package / Case	SOD-123
Voltage - Zener (Nom) (Vz)	36 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)	70 Ohms
Series	MMSZ52xxxT1G	Current - Reverse Leakage @ Vr	100 nA @ 27 V
Power - Max	500 mW	Base Product Number	MMSZ525

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MMSZ5258BT1G

Product Attribute				
Part Number	MMSZ5258BT1G	MMSZ5258B-7-F	MMSZ5259B-7-F	MMSZ5259B-HE3-08
Manufacturer	onsemi	Diodes Incorporated	Diodes Incorporated	Vishay General Semiconductor - Diodes Division
Current - Reverse Leakage @ Vr	100 nA @ 27 V	100 nA @ 27 V	100 nA @ 30 V	100 nA @ 30 V
Voltage - Zener (Nom) (Vz)	36 V	36 V	39 V	39 V
Impedance (Max) (Zzt)	70 Ohms	70 Ohms	80 Ohms	80 Ohms
Package / Case	SOD-123	SOD-123	SOD-123	SOD-123
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Power - Max	500 mW	500 mW	500 mW	500 mW
Supplier Device Package	SOD-123	SOD-123	SOD-123	SOD-123
Base Product Number	MMSZ525	MMSZ5258	MMSZ5259	MMSZ5259
Voltage - Forward (Vf) (Max) @ If	900 mV @ 10 mA	900 mV @ 10 mA	900 mV @ 10 mA	-
Tolerance	±5%	±5%	±5%	±5%
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Operating Temperature	-55°C ~ 150°C	-65°C ~ 150°C	-65°C ~ 150°C	-55°C ~ 150°C
Series	MMSZ52xxxT1G	-	-	Automotive, AEC-Q101

MMSZ5258BT1G Datasheet PDF

Download MMSZ5258BT1G pdf datasheets and onsemi documentation for MMSZ5258BT1G - onsemi.

Datasheets

[MMSZ52zzzT1G, SZMMSZ52zzzT1G Series.pdf](#)

Environmental Information

[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

 MMSZ5258B-7-F Diodes Incorporated DIODE ZENER 36V 500MW SOD123	 MMSZ5259B-7-F Diodes Incorporated DIODE ZENER 39V 500MW SOD123	 MMSZ5258B T/R PANJIT	 MMSZ5259B-HE3-08 Vishay General Semiconductor - Diodes Division DIODE ZENER 39V 500MW SOD123	 MMSZ5258CT1G onsemi DIODE ZENER 36V 500MW SOD123	 MMSZ5258B Diode Semiconductor DIODE ZENER 36V 500MW SOD123F
 MMSZ5257BT1G onsemi DIODE ZENER 33V 500MW SOD123	 MMSZ5258-7-F Diodes Incorporated	 MMSZ5258A-TG WILLAS	 MMSZ5259BT1G onsemi DIODE ZENER 39V 500MW SOD123	 MMSZ5260BT1G onsemi DIODE ZENER 43V 500MW SOD123	 MMSZ5259BQ-7-F Diodes Incorporated DIODE ZENER 39V 370MW SOD123
 MMSZ5257ET1G onsemi DIODE ZENER 33V 500MW SOD123	 MMSZ5260C-G3-08 Vishay General Semiconductor - Diodes Division DIODE ZENER 43V 500MW SOD123	 MMSZ5258B RH SEMICONDUCTOR	 MMSZ5258B Good-Ark Semiconductor DIODE, ZENER, 0.5W, 36V, SOD-123	 MMSZ5258B Taiwan Semiconductor Corporation SOD-123F, 500MW, 5%, SMALL SIGNA	 MMSZ5259BS-7-F Diodes Incorporated DIODE ZENER 39V 200MW SOD323

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

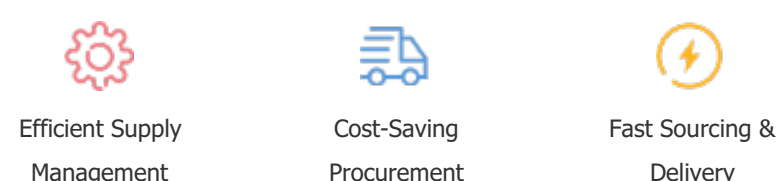
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

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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