

Image may be representation.
See specifications for product details.

MM5Z5V1ST1G

Manufacturer Part Number	MM5Z5V1ST1G
Manufacturer	onsemi
Allelco Part Number	32D-MM5Z5V1ST1G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DIODE ZENER 5.1V 500MW SOD523
Package	SC-79, SOD-523
Data sheet	MM/SZMM5ZyyyST1G Series.pdf
RoHs Status	ROHS3 Compliant

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MM5Z5V1ST1G - onsemi.New Original in Stock. Download Linear Technology MM5Z5V1ST1G datasheet/specifications on AllelcoElec.com.
Request a quote for MM5Z5V1ST1G, please send us email: info@allelco.com

Specifications

MM5Z5V1ST1G Tech Specifications

MM5Z5V1ST1G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package / Case	SC-79, SOD-523
Voltage - Zener (Nom) (Vz)	5.1 V	Package	Tape & Reel (TR)
Voltage - Forward (Vf) (Max) @ If	900 mV @ 10 mA	Operating Temperature	-65°C ~ 150°C
Tolerance	±2%	Mounting Type	Surface Mount
Supplier Device Package	SOD-523	Impedance (Max) (Zzt)	60 Ohms
Series	-	Current - Reverse Leakage @ Vr	2 µA @ 2 V
Power - Max	500 mW	Base Product Number	MM5Z5

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MM5Z5V1ST1G

Product Attribute				
Part Number	MM5Z5V1ST1G	MM5Z56V	MM5Z5V1	MM5Z5V6B
Manufacturer	onsemi	onsemi	Diotec Semiconductor	Diotec Semiconductor
Operating Temperature	-65°C ~ 150°C	-55°C ~ 150°C	-65°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Current - Reverse Leakage @ Vr	2 µA @ 2 V	50 nA @ 39.2 V	2 µA @ 2 V	1 µA @ 2.5 V
Series	-	-	-	-
Tolerance	±2%	±7%	±5%	±2%
Voltage - Forward (Vf) (Max) @ If	900 mV @ 10 mA	-	-	-
Voltage - Zener (Nom) (Vz)	5.1 V	56 V	5.1 V	5.6 V
Impedance (Max) (Zzt)	60 Ohms	200 Ohms	60 Ohms	60 Ohms
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	SC-79, SOD-523	SC-79, SOD-523F	SC-79, SOD-523	SC-79, SOD-523
Base Product Number	MM5Z5	-	-	-
Supplier Device Package	SOD-523	SOD-523F	SOD-523	SOD-523
Package	Tape & Reel (TR)	Bulk	Tape & Reel (TR)	Tape & Reel (TR)
Power - Max	500 mW	200 mW	200 mW	200 mW

MM5Z5V1ST1G Datasheet PDF

Download MM5Z5V1ST1G pdf datasheets and onsemi documentation for MM5Z5V1ST1G - onsemi.

Datasheets

[MM/SZMM5ZyyyST1G Series.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

PCN Design/Specification

[Cancellation 06/Aug/2021.pdf](#)

[Multi Devices 15/Jun/2017.pdf](#)

PCN Packaging



















[SOD523 Carrier Tape Chg 8/Sep/2020.pdf](#)

PCN Other

[Mult Dev Addition 15/Sep/2019.pdf](#)

Customers Also Interested in

Recommended Products

 MM5Z56V onsemi ZENER DIODE, 56V, 7.14%, 0.2W, U	 MM5Z5V1 Diotec Semiconductor ZENER SOD-523 5.1V 0.3W 5%	 MM5Z5V6B Diotec Semiconductor ZENER, SOD-523, 5.6V, 0.3W, 2%	 MM5Z5V6 onsemi DIODE ZENER 5.6V 200MW SOD523F	 MM5Z5V6 Diotec Semiconductor ZENER DIODE, SOD-523, 5.20V .. 5	 MM5Z5V6ST1G onsemi DIODE ZENER 5.61V 500MW SOD523
 MM5Z4V7ST1G onsemi DIODE ZENER 4.7V 500MW SOD523	 MM5Z62V Fairchild Semiconductor DIODE ZENER 62V 0.2W 6.45% UNI	 MM5Z5V6 Fairchild Semiconductor Zener Diode, 5.6V, 7.14%, 0.2W,	 MM5Z56V Fairchild Semiconductor DIODE ZENER 56V 200MW SOD523F	 MM5Z5V1CF LITEON	 MM5Z4V7T1G onsemi DIODE ZENER 4.7V 500MW SOD523
 MM5Z5V1B Diotec Semiconductor DIODE ZENER 5.1V 200MW SOD523	 MM5Z5V1 onsemi DIODE ZENER 5.1V 200MW SOD523F	 MM5Z51VT1G AMI Semiconductor/onsemi	 MM5Z5V1T1G onsemi DIODE ZENER 5.1V 500MW SOD523	 MM5Z5B6 SEM	 MM5Z5V6T1G onsemi DIODE ZENER 5.6V 500MW SOD523

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
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Contact us if you have any questions.

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