



Image may be representation.  
See specifications for product details.



## ESD9M5.0ST5G

Manufacturer Part Number	<b>ESD9M5.0ST5G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-ESD9M5.0ST5G
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	TVS DIODE 5VWM 9.8VC SOD923
Package	SOD-923
Data sheet	<a href="#">Cylindrical Battery Holders.pdf</a>
	<a href="#">Cylindrical Battery Holders.pdf</a>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

ESD9M5.0ST5G - onsemi.New Original in Stock. Download Linear Technology ESD9M5.0ST5G datasheet/specifications on AllelcoElec.com.  
Request a quote for ESD9M5.0ST5G, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

ESD9M5.0ST5G Tech Specifications

ESD9M5.0ST5G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Power - Peak Pulse	-
Voltage - Reverse Standoff (Typ)	5V (Max)	Package / Case	SOD-923
Voltage - Clamping (Max) @ Ipp	9.8V	Package	Tape & Reel (TR)
Voltage - Breakdown (Min)	5.8V	Operating Temperature	-55°C ~ 150°C (TJ)
Unidirectional Channels	1	Mounting Type	Surface Mount
Type	Zener	Current - Peak Pulse (10/1000µs)	1A (8/20µs)
Supplier Device Package	SOD-923	Capacitance @ Frequency	2.5pF @ 1MHz
Series	Automotive, AEC-Q101	Base Product Number	ESD9M5.0
Power Line Protection	No	Applications	Automotive

## Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi ESD9M5.0ST5G

Product Attribute				
Part Number	ESD9M5.0ST5G	ESD9L5.0ST5G	ESD9L3.3ST5G	ESD9N12BA-2/TR
Manufacturer	onsemi	onsemi	onsemi	WILLSEMI
Current - Peak Pulse (10/1000µs)	1A (8/20µs)	1A (8/20µs)	1A (8/20µs)	-
Power Line Protection	No	No	No	-
Package / Case	SOD-923	SOD-923	SOD-923	-
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-
Supplier Device Package	SOD-923	SOD-923	SOD-923	-
Capacitance @ Frequency	2.5pF @ 1MHz	0.5pF @ 1MHz	0.5pF @ 1MHz	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	-
Unidirectional Channels	1	1	1	-
Series	Automotive, AEC-Q101	-	-	-
Power - Peak Pulse	-	-	-	-
Voltage - Reverse Standoff (Typ)	5V (Max)	5V (Max)	3.3V (Max)	-
Voltage - Breakdown (Min)	5.8V	5.4V	4.8V	-
Type	Zener	Zener	Zener	-
Applications	Automotive	General Purpose	General Purpose	-
Base Product Number	ESD9M5.0	ESD9L5.0	ESD9L3.3	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	-
Voltage - Clamping (Max) @ Ipp	9.8V	9.8V	9V	-

## ESD9M5.0ST5G Datasheet PDF

Download ESD9M5.0ST5G pdf datasheets and onsemi documentation for ESD9M5.0ST5G - onsemi.

### Datasheets

[Cylindrical Battery Holders.pdf](#)

### Environmental Information

[onsemi RoHS.pdf](#)

[Material Declaration ESD9M5.0ST5G.pdf](#)

### PCN Design/Specification

[Wire Bond 01/Dec/2010.pdf](#)

[Case Outline Update 01/Sep/2020.pdf](#)

### PCN Assembly/Origin

[PCN Assembly/Origin](#)

HTML Datasheet

Customers Also Interested in

Recommended Products

<b>ESD9N12BA-2/TR</b> WILLSEMI	<b>ESD9D5U-2/TR</b> WILLSEMI	<b>ESD9N5BL-2/TR</b> WILLSEMI	<b>ESD9L5.0ST5G</b> onsemi TVS DIODE 5VWM 9.8VC SOD923	<b>ESD9N12BA</b> WILL/PL	<b>ESD9N5BM</b> WILL/PL
<b>ESD9D5V-2/TR</b>	<b>ESD9L3.3ST5G</b> onsemi TVS DIODE 3.3VWM 9VC SOD923	<b>ESD9D5CA</b> TINYSEMI	<b>ESD9D5.0T5G</b> AMI Semiconductor/onsemi	<b>ESD9N5BL</b> WILL/PL	<b>ESD9L5.0T5G</b> AMI Semiconductor/onsemi
<b>ESD9N5B-2/TR</b> WILLSEM	<b>ESD9D5V</b> TINYSEMI	<b>ESD9N18VUS</b> WILL/PL	<b>ESD9N18VUS-2/TR</b> WILL	<b>ESD9LFN5.0C</b> FORMOSAMS	<b>ESD9L5.0ST1G</b> AMI Semiconductor/onsemi

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	Fast Sourcing & Delivery

Contact us if you have any questions.

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Certifications & Memberships



View More

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