

Image may be representation.
See specifications for product details.



ESD5B5.0ST5G

Manufacturer Part Number	ESD5B5.0ST5G
Manufacturer	onsemi
Allelco Part Number	32D-ESD5B5.0ST5G
ECAD Model	Request Free CAD Models
Parts Description	TVS DIODE 5VWM SOD523
Package	SC-79, SOD-523
Data sheet	Cylindrical Battery Holders.pdf
	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

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ESD5B5.0ST5G - onsemi.New Original in Stock. Download Linear Technology ESD5B5.0ST5G datasheet/specifications on AllelcoElec.com.
Request a quote for ESD5B5.0ST5G, please send us email: info@allelco.com

Specifications

ESD5B5.0ST5G Tech Specifications
ESD5B5.0ST5G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package / Case	SC-79, SOD-523
Voltage - Reverse Standoff (Typ)	5V (Max)	Package	Tape & Reel (TR)
Voltage - Clamping (Max) @ Ipp	-	Operating Temperature	-55°C ~ 150°C (TJ)
Voltage - Breakdown (Min)	5.8V	Mounting Type	Surface Mount
Type	Zener	Current - Peak Pulse (10/1000µs)	-
Supplier Device Package	SOD-523	Capacitance @ Frequency	32pF @ 1MHz
Series	-	Bidirectional Channels	1
Power Line Protection	No	Base Product Number	ESD5B5.0
Power - Peak Pulse	50W	Applications	General Purpose

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi ESD5B5.0ST5G

Product Attribute				
Part Number	ESD5B5.0ST5G	ESD5B5.0ST1G	ESD5681N15-2/TR	ESD5681N12
Manufacturer	onsemi	onsemi	WILLASEMI	WILLASEMI
Voltage - Reverse Standoff (Typ)	5V (Max)	5V (Max)	-	-
Series	-	-	-	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	-	-
Voltage - Breakdown (Min)	5.8V	5.8V	-	-
Mounting Type	Surface Mount	Surface Mount	-	-
Package / Case	SC-79, SOD-523	SC-79, SOD-523	-	-
Capacitance @ Frequency	32pF @ 1MHz	32pF @ 1MHz	-	-
Base Product Number	ESD5B5.0	ESD5B5.0	-	-
Bidirectional Channels	1	1	-	-
Voltage - Clamping (Max) @ Ipp	-	-	-	-
Type	Zener	Zener	-	-
Power - Peak Pulse	50W	50W	-	-
Power Line Protection	No	No	-	-
Supplier Device Package	SOD-523	SOD-523	-	-
Applications	General Purpose	General Purpose	-	-
Current - Peak Pulse (10/1000µs)	-	-	-	-
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-	-

ESD5B5.0ST5G Datasheet PDF

Download ESD5B5.0ST5G pdf datasheets and onsemi documentation for ESD5B5.0ST5G - onsemi.

Datasheets

[Cylindrical Battery Holders.pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)

[onsemi REACH.pdf](#)

[Material Declaration ESD5B5.0ST5G.pdf](#)

PCN Design/Specification

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

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



















PCN Packaging

[PCN Packaging](#)

HTML Datasheet

Customers Also Interested in

Recommended Products

 NO PICTURE	 NO PICTURE	 NO PICTURE	 Walsin Technology	 NO PICTURE	 NO PICTURE
ESD5681N15-2/TR WILLASEMI	ESD5681N12 WILLSEMI	ESD5B5V	ESD5681N07-2/TR	ESD5682E12-3/TR WILLSEMI	ESD5B5VL-2/TR WILLSEMI
	 NO PICTURE	 NO PICTURE	 NO PICTURE	 NO PICTURE	 NO PICTURE
ESD5B5.0ST1G onsemi TVS DIODE 5VWM SOD523	ESD5661D15-2/TR WILLSEMI	ESD5682E12 MSV	ESD5691W WILL/PL	ESD5D005TA TINYSEMI	ESD5681N12-2/TR WILLSEMI
 NO PICTURE	 NO PICTURE	 NO PICTURE	 NO PICTURE		 NO PICTURE
ESD5661D12-2/TR WILLSEMI	ESD5D150TA ASIM	ESD5B5V-2/TR TINYSEMI	ESD5B5V-2 SINO-IC	ESD5B5.0T1G AMI Semiconductor/onsemi	ESD5B5VL MSV

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
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Contact us if you have any questions.

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Certifications & Memberships



View More

Contact us

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