



Image may be representation.  
See specifications for product details.



## UESD5.0DT5G

Manufacturer Part Number	<b>UESD5.0DT5G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-UESD5.0DT5G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	TVS DIODE 5VWM SOT723
Package	SOT-723
Data sheet	<a href="#">Cylindrical Battery Holders.pdf</a> <a href="#">uESD3.3DT5G Series.pdf</a>
RoHs Status	ROHS3 Compliant

**Get a Quote**

UESD5.0DT5G - onsemi.New Original in Stock. Download Linear Technology UESD5.0DT5G datasheet/specifications on AllelcoElec.com.  
Request a quote for UESD5.0DT5G, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

UESD5.0DT5G Tech Specifications

UESD5.0DT5G - 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	SOT-723
Voltage - Clamping (Max) @ Ipp	-	Package	Tape & Reel (TR)
Voltage - Breakdown (Min)	6.2V	Operating Temperature	-55°C ~ 150°C (TJ)
Unidirectional Channels	2	Mounting Type	Surface Mount
Type	Zener	Current - Peak Pulse (10/1000µs)	-
Supplier Device Package	SOT-723	Capacitance @ Frequency	38pF @ 1MHz
Series	UESD	Base Product Number	UESD5.0
Power Line Protection	No	Applications	General Purpose

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi UESD5.0DT5G

Product Attribute				
Part Number	UESD5.0DT5G	UESD6.0DT5G	UESD3.3ST5G	UESD3.3DT5G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Voltage - Breakdown (Min)	6.2V	7V	5V	5V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Clamping (Max) @ Ipp	-	-	10.9V	-
Type	Zener	Zener	Zener	Zener
Supplier Device Package	SOT-723	SOT-723	SOD-723	SOT-723
Power Line Protection	No	No	No	No
Capacitance @ Frequency	38pF @ 1MHz	34pF @ 1MHz	80pF @ 1MHz	80pF @ 1MHz
Base Product Number	UESD5.0	UESD6.0	UESD3	UESD3.3
Applications	General Purpose	General Purpose	General Purpose	General Purpose
Series	UESD	UESD	UESD	UESD
Current - Peak Pulse (10/1000µs)	-	-	10.4A (8/20µs)	-
Voltage - Reverse Standoff (Typ)	5V (Max)	6V (Max)	3.3V (Max)	3.3V (Max)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Power - Peak Pulse	-	-	113W	-
Package / Case	SOT-723	SOT-723	SOD-723	SOT-723
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Unidirectional Channels	2	2	1	2

### UESD5.0DT5G Datasheet PDF

Download UESD5.0DT5G pdf datasheets and onsemi documentation for UESD5.0DT5G - onsemi.

#### Datasheets

[Cylindrical Battery Holders.pdf](#)

#### Environmental Information

[onsemi RoHS.pdf](#)

[onsemi REACH.pdf](#)

[Material Declaration UESD5.0DT5G.pdf](#)

#### PCN Design/Specification

[Copper Wire 19/May/2010.pdf](#)


















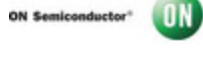
[Datasheet Update Max Forward Voltage 18/Jan/2008.pdf](#)

#### PCN Assembly/Origin

HTML Datasheet

Customers Also Interested in

Recommended Products

					
<b>UESD6.0DT5G</b> onsemi TVS DIODE 6VWM SOT723	<b>UESD3.3ST5G</b> onsemi TVS DIODE 3.3VWM 10.9VC SOD723	<b>UES806R</b> Microchip Technology RECTIFIER	<b>UESD3.3DT5G</b> onsemi TVS DIODE 3.3VWM SOT723	<b>UESD16V8S4C</b> UNION	<b>UESD55B</b> UNION
					
<b>UESD5.0ST5G</b> onsemi TVS DIODE 5VWM 13.3VC SOD723	<b>UESD54B</b> UNION	<b>UES805HR2</b> Microchip Technology DIODE GEN PURP 300V 50A DO5	<b>UESD54B UQ5</b> LRC	<b>UES806HR2</b> Microchip Technology DIODE GEN PURP 400V 50A DO5	<b>UESD56B</b> UNION
					
<b>UESD12ST5G</b> onsemi TVS DIODE 12VWM 23.7VC SOD723	<b>UES806</b> Microchip Technology DIODE GEN PURP 400V 50A DO5	<b>UESD5V0W300T4R</b> SDISEMI	<b>UESD50DT5G</b> N/A	<b>UES805R</b> Microchip Technology DIODE GEN PURP 300V 50A DO5	<b>UESD3.3DTCR</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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