

Image may be representation.
See specifications for product details.



ESDR0502NMUTBG

Manufacturer Part Number	ESDR0502NMUTBG
Manufacturer	onsemi
Allelco Part Number	32D-ESDR0502NMUTBG
ECAD Model	PCB Footprint and Symbol
Parts Description	TVS DIODE 5.5VWM 6UDFN
Package	6-UDFN
Data sheet	Cylindrical Battery Holders.pdf
	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ESDR0502NMUTBG - onsemi.New Original in Stock. Download Linear Technology ESDR0502NMUTBG datasheet/specifications on AllelcoElec.com.
Request a quote for ESDR0502NMUTBG, please send us email: info@allelco.com

Specifications

ESDR0502NMUTBG Tech Specifications
ESDR0502NMUTBG - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Power - Peak Pulse	100W
Voltage - Reverse Standoff (Typ)	5.5V (Max)	Package / Case	6-UDFN
Voltage - Clamping (Max) @ Ipp	-	Package	Tape & Reel (TR)
Voltage - Breakdown (Min)	6V	Operating Temperature	-40°C ~ 125°C (TJ)
Unidirectional Channels	3	Mounting Type	Surface Mount
Type	Steering (Rail to Rail)	Current - Peak Pulse (10/1000µs)	-
Supplier Device Package	6-UDFN (1.2x1)	Capacitance @ Frequency	0.3pF @ 1MHz
Series	-	Base Product Number	ESDR0502
Power Line Protection	Yes	Applications	Ethernet

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi ESDR0502NMUTBG

Product Attribute				
Part Number	ESDR0502NMUTBG	ESDR0544MDMR4G	ESDS302DBVR	ESDR0524PMUTAG
Manufacturer	onsemi	onsemi	Texas Instruments	onsemi
Base Product Number	ESDR0502	ESDR05	ESDS302	ESDR0524
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Current - Peak Pulse (10/1000µs)	-	-	12A (8/20µs)	1A (8/20µs)
Power - Peak Pulse	100W	-	85W	-
Package / Case	6-UDFN	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	SC-74A, SOT-753	10-UDFN
Applications	Ethernet	HDMI	General Purpose	HDMI
Voltage - Clamping (Max) @ Ipp	-	-	3V (Typ)	15V
Type	Steering (Rail to Rail)	Steering (Rail to Rail)	Zener	Zener
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Breakdown (Min)	6V	6V	4.5V	5.5V
Unidirectional Channels	3	4	-	4
Power Line Protection	Yes	Yes	No	No
Capacitance @ Frequency	0.3pF @ 1MHz	0.7pF @ 1MHz	2.3pF @ 1MHz	0.5pF @ 1MHz
Supplier Device Package	6-UDFN (1.2x1)	10-Micro	SOT-23-5	10-UDFN (2.5x1)
Operating Temperature	-40°C ~ 125°C (TJ)	-55°C ~ 125°C (TJ)	-40°C ~ 125°C (TA)	-55°C ~ 125°C (TJ)
Series	-	-	-	-
Voltage - Reverse Standoff (Typ)	5.5V (Max)	5V (Max)	3.6V (Max)	5V (Max)

ESDR0502NMUTBG Datasheet PDF

Download ESDR0502NMUTBG pdf datasheets and onsemi documentation for ESDR0502NMUTBG - onsemi.

Datasheets

[Cylindrical Battery Holders.pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)

[Material Declaration ESDR0502NMUTBG.pdf](#)

PCN Packaging

[2.73KHz.pdf](#)



















HTML Datasheet

[HTML Datasheet](#)

PCN Assembly/Origin

Customers Also Interested in

Recommended Products

 ESDR0544MDMR4G onsemi TVS DIODE 5VWM 10MICRO	 ESDRLC5-1BM2 STMicroelectronics	 ESDS302DBVR Texas Instruments TVS DIODE 3.6VWM 3VC SOT23-5	 ESDQ7V0FA1 Q7 CJ	 ESDR0524PMUTAG onsemi TVS DIODE 5VWM 15VC 10UDFN	 ESDR6V1-27FU6 STMicroelectronics
 ESDQR5V0B BI-DIRECTIONAL	 ESDR0502BT1G onsemi TVS DIODE 5VWM 15VC SC75 SOT416	 ESDPSA2510V12 SEMTEL	 ESDR0502NMUTAG onsemi TVS DIODE 5.5VWM 6UDFN	 ESDQ7V0FA1 CJ	 ESDQR5V0BJ CROWNPO
 ESDQR5V0U CROWNPO	 ESDR0502B AMI Semiconductor/onsemi	 ESDR0524P MSV	 ESDR0524SMUTAG onsemi TVS DIODE 5VWM 15VC 10UDFN	 ESDR7534W1T2G onsemi TVS DIODE 5VWM 30VC SC88/SC70-6	 ESDQR5V0BS CROWNPO

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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