



Image may be representation.
See specifications for product details.



TVS8501V5MUT5G

Manufacturer Part Number	TVS8501V5MUT5G
Manufacturer	onsemi
Allelco Part Number	32D-TV8501V5MUT5G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	TVS DIODE 5VWM 11.5VC 2UDFN
Package	2-UDFN
Data sheet	TVS8501V5.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

TVS8501V5MUT5G - onsemi.New Original in Stock. Download Linear Technology TVS8501V5MUT5G datasheet/specifications on AllelcoElec.com.
Request a quote for TVS8501V5MUT5G, please send us email: info@allelco.com

Specifications

TVS8501V5MUT5G Tech Specifications
TVS8501V5MUT5G - 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	2-UDFN
Voltage - Clamping (Max) @ Ipp	11.5V	Package	Tape & Reel (TR)
Voltage - Breakdown (Min)	6V	Operating Temperature	-65°C ~ 150°C (TJ)
Unidirectional Channels	1	Mounting Type	Surface Mount
Type	Zener	Current - Peak Pulse (10/1000µs)	70A (8/20µs)
Supplier Device Package	2-UDFN (1.6x1)	Capacitance @ Frequency	16pF @ 1MHz
Series	Automotive, AEC-Q101	Base Product Number	TVS8501
Power Line Protection	No	Applications	Automotive

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi TVS8501V5MUT5G

Product Attribute				
Part Number	TVS8501V5MUT5G	TVS5501V10MUT5G	TVS4201MR6T1G	TVS400A
Manufacturer	onsemi	onsemi	onsemi	JXND
Mounting Type	Surface Mount	Surface Mount	Surface Mount	-
Supplier Device Package	2-UDFN (1.6x1)	2-UDFN (1.6x1)	6-TSOP	-
Unidirectional Channels	1	1	4	-
Type	Zener	Zener	Steering (Rail to Rail)	-
Voltage - Reverse Standoff (Typ)	5V (Max)	10V (Max)	5V (Max)	-
Applications	Automotive	General Purpose	Automotive	-
Operating Temperature	-65°C ~ 150°C (TJ)	-65°C ~ 150°C (TJ)	-40°C ~ 125°C (TJ)	-
Series	Automotive, AEC-Q101	-	Automotive, AEC-Q101	-
Package / Case	2-UDFN	2-UDFN	SOT-23-6 Thin, TSOT-23-6	-
Voltage - Breakdown (Min)	6V	12V	6V	-
Voltage - Clamping (Max) @ Ipp	11.5V	20V	12V	-
Capacitance @ Frequency	16pF @ 1MHz	400pF @ 1MHz (Max)	3pF @ 1MHz	-
Power - Peak Pulse	-	-	500W	-
Power Line Protection	No	No	Yes	-
Base Product Number	TVS8501	TVS5501	TVS4201	-
Current - Peak Pulse (10/1000µs)	70A (8/20µs)	60A (8/20µs)	25A (8/20µs)	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	-

TVS8501V5MUT5G Datasheet PDF

Download TVS8501V5MUT5G pdf datasheets and onsemi documentation for TVS8501V5MUT5G - onsemi.

Environmental Information

- onsemi REACH.pdf
- onsemi RoHS.pdf
- Material Declaration TVS8501V5MUT5G.pdf

PCN Packaging

- Covering Tape/Material Chg 20/May/2016.pdf

PCN Assembly/Origin

- Wire Conversion 21/Jan/2021.pdf

HTML Datasheet

Customers Also Interested in

Recommended Products



TVS400A
JXND



TVS3300YZFR
Texas Instruments
33V PRECISION SURGE PROTECTION
C

Panasonic

TVSA0322
Panasonic

Panasonic

TVSA0438
Panasonic



TVS5501V10MUT5G
onsemi
TVS DIODE 10VWM 20VC 2UDFN



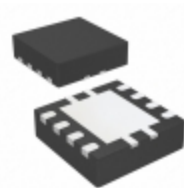
TVSA0286
NEC



TVS36A
JXND



TVS3V3L4U E6327
Cypress Semiconductor
(Infineon Technologies)



TVS3301DRBR
Texas Instruments
TVS DEVICE MIXED 42.5V 8SON

Panasonic

TVSA0359
Panasonic



TVS3V3L4U
Cypress Semiconductor
(Infineon Technologies)



TVS4201MR6T1G
onsemi
TVS DIODE 5VWM 12VC 6TSOP



TVS350A
JXND

Panasonic

TVSA0333
Panasonic

Panasonic

TVSA0306
Panasonic

Panasonic

TVSA0357
Panasonic

Panasonic

TVSA0308
Panasonic



TVS3V3L4UE6327
Cypress Semiconductor
(Infineon Technologies)

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.

- Phone: +00852 9146 4856
- Email: info@allelco.com

Certifications & Memberships



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Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong
Phone: +00852 9146 4856
Fax: +00852 3010 8510
Email: info@Allelco.com