



Image may be representation.
See specifications for product details.



NUP4201DR2G

Manufacturer Part Number	NUP4201DR2G
Manufacturer	onsemi
Allelco Part Number	32D-NUP4201DR2G
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	TVS DIODE 5VWM 25VC 8-SOIC
Package	8-SOIC (0.154', 3.90mm Width)
Data sheet	Cylindrical Battery Holders.pdf
	NUP4201DR2.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

NUP4201DR2G - onsemi.New Original in Stock. Download Linear Technology NUP4201DR2G datasheet/specifications on AllelcoElec.com.
Request a quote for NUP4201DR2G, please send us email: info@allelco.com

Specifications

NUP4201DR2G Tech Specifications

NUP4201DR2G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Power - Peak Pulse	500W
Voltage - Reverse Standoff (Typ)	5V	Package / Case	8-SOIC (0.154', 3.90mm Width)
Voltage - Clamping (Max) @ Ipp	25V	Package	Tape & Reel (TR)
Voltage - Breakdown (Min)	6V	Operating Temperature	-55°C ~ 150°C (TJ)
Unidirectional Channels	4	Mounting Type	Surface Mount
Type	Steering (Rail to Rail)	Current - Peak Pulse (10/1000µs)	25A (8/20µs)
Supplier Device Package	8-SOIC	Capacitance @ Frequency	5pF @ 1MHz
Series	-	Base Product Number	NUP4201
Power Line Protection	Yes	Applications	General Purpose

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NUP4201DR2G

Product Attribute				
Part Number	NUP4201DR2G	NUP412VP5T5G	NUP4114HMR6T1G	NUP4201MR6T1
Manufacturer	onsemi	onsemi	onsemi	onsemi
Base Product Number	NUP4201	NUP412	NUP4114	NUP4201
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)
Voltage - Clamping (Max) @ Ipp	25V	-	10V	16.6V
Voltage - Breakdown (Min)	6V	11.4V	5.5V	6V
Supplier Device Package	8-SOIC	SOT-953	6-TSOP	6-TSOP
Current - Peak Pulse (10/1000µs)	25A (8/20µs)	-	8A (8/20µs)	1A (8/20µs)
Power - Peak Pulse	500W	18W	-	500W
Voltage - Reverse Standoff (Typ)	5V	9V	5.5V (Max)	5V (Max)
Unidirectional Channels	4	4	4	4
Type	Steering (Rail to Rail)	Zener	Steering (Rail to Rail)	Steering (Rail to Rail)
Power Line Protection	Yes	Yes	Yes	No
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Applications	General Purpose	Automotive	Ethernet, HDMI	General Purpose
Package / Case	8-SOIC (0.154', 3.90mm Width)	SOT-953	SOT-23-6 Thin, TSOT-23-6	SOT-23-6 Thin, TSOT-23-6
Capacitance @ Frequency	5pF @ 1MHz	6.5pF @ 1MHz	0.6pF @ 1MHz	3pF @ 1MHz
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	-	Automotive, AEC-Q101	-	-

NUP4201DR2G Datasheet PDF

Download NUP4201DR2G pdf datasheets and onsemi documentation for NUP4201DR2G - onsemi.

Datasheets

[Cylindrical Battery Holders.pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)

[onsemi REACH.pdf](#)

[Material Declaration NUP4201DR2G.pdf](#)

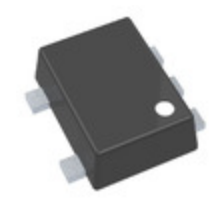















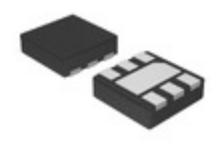

PCN Packaging

[2.73KHz.pdf](#)

HTML Datasheet

Customers Also Interested in

Recommended Products

					
NUP412VP5T5G onsemi TVS DIODE 9VWM SOT953	NUP4114HMR6T1G onsemi TVS DIODE 5.5VWM 10VC 6TSOP	NUP4201MR6T1 onsemi TVS DIODE 5VWM 16.6VC 6TSOP	NUP4304MR6T1 onsemi TVS DIODE SC74-6	NUP4302MR6T1 onsemi TVS DIODE 25VWM 6TSOP	NUP4302MR6T1G onsemi TVS DIODE 25VWM 6TSOP
					
NUP4114UCLW1T2G onsemi TVS DIODE 5.5VWM 10V SC88/SC70-6	NUP4114UCW1T2G onsemi TVS DIODE 5.5VWM 10V SC88/SC70-6	NUP4301MR6T1 onsemi TVS DIODE SC74	NUP4202W1T2G onsemi TVS DIODE 5VWM 14.5V SC88/SC70-6	NUP4304MR6T1G onsemi TVS DIODE SC74	NUP4301MR6T1G onsemi TVS DIODE SC74
					
NUP4105MUTAG onsemi TVS DIODE 3.3VWM 14VC 10UDFN	NUP4114UPXV6T1G onsemi TVS DIODE 5.5VWM 10VC SOT563	NUP4103FCT1G onsemi TVS DIODE 5.5VWM 5FLIPCHIP CSP	NUP4106DR2G onsemi TVS DIODE 3.3VWM 15VC 8-SOIC	NUP4212UPMUTAG onsemi TVS DIODE 4VWM 14.3VC 6UDFN	NUP4201MR6T1G onsemi TVS DIODE 5VWM 16.6VC 6TSOP

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



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