

Image may be representation.
See specifications for product details.

NRVUS220VT3G

Manufacturer Part Number	NRVUS220VT3G
Manufacturer	onsemi
Allelco Part Number	32D-NRVUS220VT3G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DIODE GEN PURP 200V 2A SMB
Package	DO-214AA, SMB
Data sheet	MURS220T3G, NRVUS220VT3G, SURS8220T3G.pdf
RoHs Status	ROHS3 Compliant

Get a Quote



NRVUS220VT3G - onsemi.New Original in Stock. Download Linear Technology NRVUS220VT3G datasheet/specifications on AllelcoElec.com.
Request a quote for NRVUS220VT3G, please send us email: info@allelco.com

Specifications

NRVUS220VT3G Tech Specifications

NRVUS220VT3G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package / Case	DO-214AA, SMB
Voltage - Forward (Vf) (Max) @ If	950 mV @ 2 A	Package	Tape & Reel (TR)
Voltage - DC Reverse (Vr) (Max)	200 V	Operating Temperature - Junction	-65°C ~ 175°C
Technology	Standard	Mounting Type	Surface Mount
Supplier Device Package	SMB	Current - Reverse Leakage @ Vr	2 µA @ 200 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Current - Average Rectified (Io)	2A
Series	Automotive, AEC-Q101	Capacitance @ Vr, F	-
Reverse Recovery Time (trr)	35 ns	Base Product Number	NRVUS220

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NRVUS220VT3G

Product Attribute				
Part Number	NRVUS220VT3G	NRVUS1MFA	NRVUS240T3G	NRVUS120VT3G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Current - Reverse Leakage @ Vr	2 µA @ 200 V	5 µA @ 1000 V	5 µA @ 400 V	2 µA @ 200 V
Technology	Standard	Standard	Standard	Standard
Package / Case	DO-214AA, SMB	SOD-123F	DO-214AA, SMB	DO-214AA, SMB
Reverse Recovery Time (trr)	35 ns	75 ns	65 ns	35 ns
Current - Average Rectified (Io)	2A	1A	2A	2A
Operating Temperature - Junction	-65°C ~ 175°C	-55°C ~ 150°C	-65°C ~ 175°C	-65°C ~ 175°C
Voltage - DC Reverse (Vr) (Max)	200 V	1000 V	400 V	200 V
Voltage - Forward (Vf) (Max) @ If	950 mV @ 2 A	1.7 V @ 1 A	1.3 V @ 2 A	875 mV @ 1 A
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F	-	15pF @ 4V, 1MHz	-	-
Series	Automotive, AEC-Q101	Automotive, AEC-Q101	-	Automotive, AEC-Q101
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	NRVUS220	NRVUS1	NRVUS240	NRVUS120
Supplier Device Package	SMB	SOD-123FL	SMB	SMB

NRVUS220VT3G Datasheet PDF

Download NRVUS220VT3G pdf datasheets and onsemi documentation for NRVUS220VT3G - onsemi.

Datasheets

[MURS220T3G, NRVUS220VT3G, SURS8220T3G.pdf](#)

Environmental Information

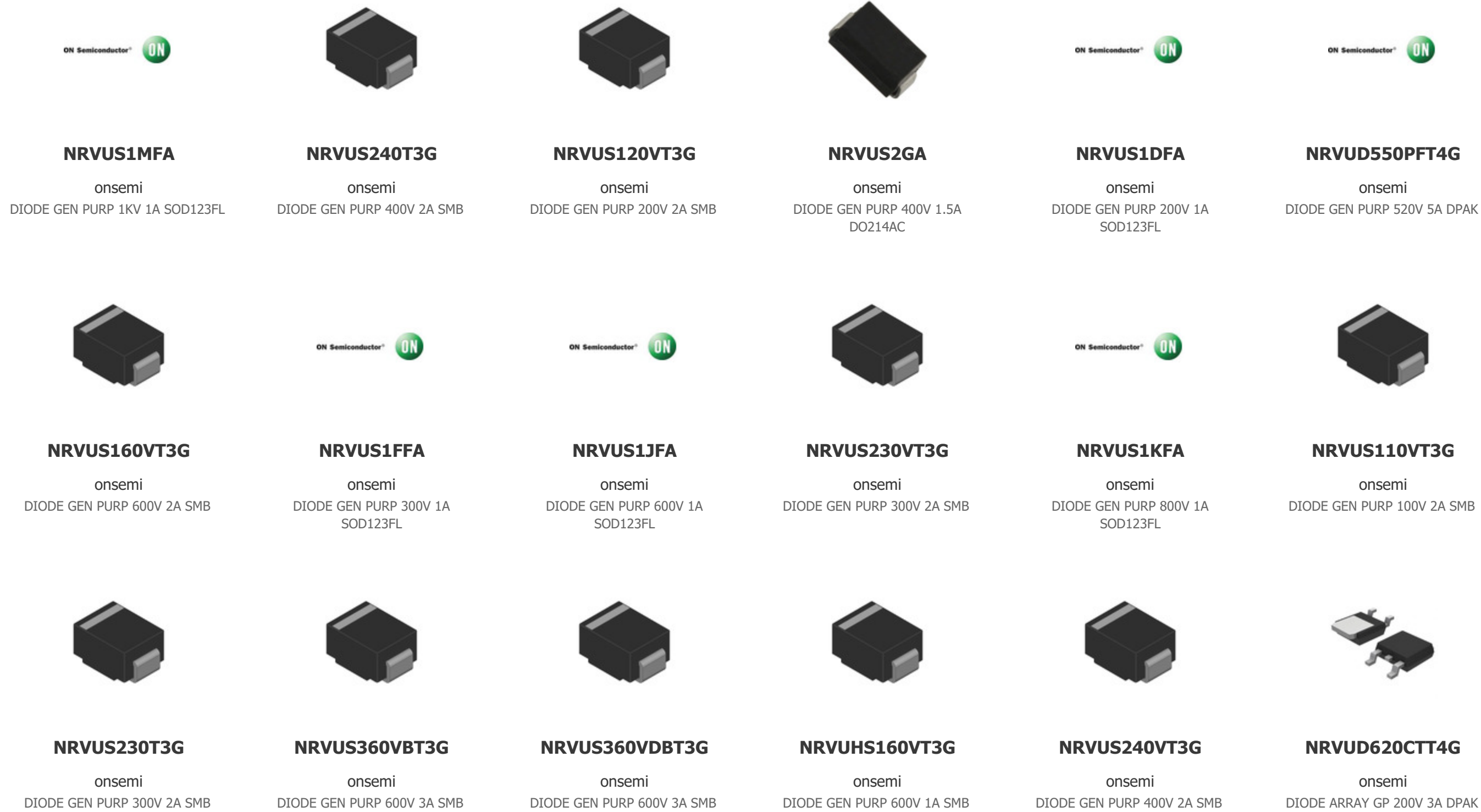
[onsemi RoHS.pdf](#)

PCN Assembly/Origin

[Transfer of Assembly and Test 20/Dec/2022.pdf](#)

Customers Also Interested in

Recommended Products



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.

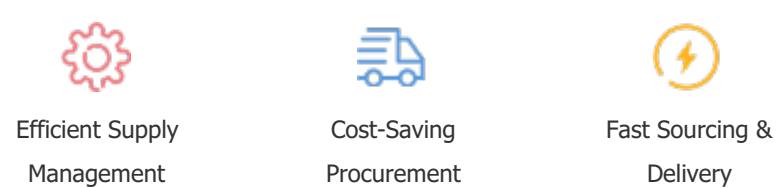
Contact us if you have any questions.

Payment Support

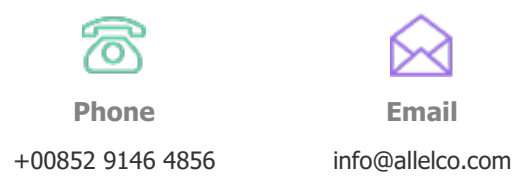
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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