

Image may be representation.  
See specifications for product details.



## NSVBAS21HT3G

Manufacturer Part Number	<b>NSVBAS21HT3G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-NSVBAS21HT3G
ECAD Model	Request Free CAD Models
Parts Description	DIODE GEN PURP 250V 200MA SOD323
Package	SC-76, SOD-323
Data sheet	<b>BAS21HTxG, NSVBAS21HTxG.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

NSVBAS21HT3G - onsemi.New Original in Stock. Download Linear Technology NSVBAS21HT3G datasheet/specifications on AllelcoElec.com.  
Request a quote for NSVBAS21HT3G, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

NSVBAS21HT3G Tech Specifications

NSVBAS21HT3G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package / Case	SC-76, SOD-323
Voltage - Forward (Vf) (Max) @ If	1.25 V @ 200 mA	Package	Tape & Reel (TR)
Voltage - DC Reverse (Vr) (Max)	250 V	Operating Temperature - Junction	-55°C ~ 150°C
Technology	Standard	Mounting Type	Surface Mount
Supplier Device Package	SOD-323	Current - Reverse Leakage @ Vr	100 nA @ 200 V
Speed	Small Signal =< 200mA (Io), Any Speed	Current - Average Rectified (Io)	200mA
Series	-	Capacitance @ Vr, F	5pF @ 0V, 1MHz
Reverse Recovery Time (trr)	50 ns	Base Product Number	NSVBAS21

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NSVBAS21HT3G

Product Attribute				
Part Number	NSVBAS21HT3G	NSVBAS21SLT1G	NSVBAS21AHT1G	NSVBAT54WT1G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Series	-	-	Automotive, AEC-Q101	Automotive
Operating Temperature - Junction	-55°C ~ 150°C	-55°C ~ 150°C	-55°C ~ 150°C	-55°C ~ 125°C
Reverse Recovery Time (trr)	50 ns	50 ns	50 ns	5 ns
Package / Case	SC-76, SOD-323	TO-236-3, SC-59, SOT-23-3	SC-76, SOD-323	SC-70, SOT-323
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Speed	Small Signal =< 200mA (Io), Any Speed	Fast Recovery =< 500ns, > 200mA (Io)	Small Signal =< 200mA (Io), Any Speed	Fast Recovery =< 500ns, > 200mA (Io)
Supplier Device Package	SOD-323	SOT-23-3 (TO-236)	SOD-323	SC-70-3 (SOT323)
Current - Average Rectified (Io)	200mA	225mA	200mA	200mA
Technology	Standard	Standard	Standard	Schottky
Current - Reverse Leakage @ Vr	100 nA @ 200 V	100 µA @ 200 V	40 nA @ 200 V	2 µA @ 25 V
Base Product Number	NSVBAS21	NSVBAS21	NSVBAS21	NSVBAT54
Voltage - DC Reverse (Vr) (Max)	250 V	250 V	200 V	30 V
Capacitance @ Vr, F	5pF @ 0V, 1MHz	5pF @ 0V, 1MHz	5pF @ 0V, 1MHz	10pF @ 1V, 1MHz
Voltage - Forward (Vf) (Max) @ If	1.25 V @ 200 mA	1.25 V @ 200 mA	1.25 V @ 200 mA	800 mV @ 100 mA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

### NSVBAS21HT3G Datasheet PDF

Download NSVBAS21HT3G pdf datasheets and onsemi documentation for NSVBAS21HT3G - onsemi.

#### Datasheets

[BAS21HTxG, NSVBAS21HTxG.pdf](#)

#### Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

#### PCN Assembly/Origin

[Multi Devices 06/Jun/2017.pdf](#)

### Customers Also Interested in

#### Recommended Products



### NSV9435T1G

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PNP BIPOLAR DIGITAL TRANSISTOR  
(

### NSVA278

JRC  
JRC

### NSVBAS21SLT1G

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DIODE GP 250V 225MA SOT23-3

### NSVBAS21AHT1G

onsemi  
DIODE GEN PURP 250V 200MA  
SOD323

### NSVBAT54HT1G

Rochester Electronics, LLC  
NSVBAT54H - SCHOTTKY BARRIER  
DIO

### NSV60601MZ4T3G

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TRANS NPN 60V 6A SOT223



### NSVBAS21TMR6T1G

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DIODE ARRAY GP 250V 200MA SC74



### NSVB143ZPDXV6T1G

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TRANS PREBIAS NPN/PNP 50V  
SOT563



### NSVBAT54WT1G

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DIODE SCHOTTKY 30V 200MA SC70-  
3



### NSVBAT54HT1G

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DIODE SCHOTTKY 30V 200MA  
SOD323



### NSVBAT54SWT1G

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DIODE ARRAY SCHOTTKY 30V  
SOT323



### NSVBAT54M3T5G

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DIODE SCHOTTKY 30V 200MA  
SOT723



### NSVBAS21HT1G

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DIODE GEN PURP 250V 200MA  
SOD323



### NSVBAS70LT1G

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DIODE SCHOTTKY 70V 70MA SOT23-  
3



### NSVBAS21M3T5G

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DIODE GEN PURP 250V 200MA  
SOT723



### NSVBA143ZDXV6T1G

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TRANS 2PNP BIPO 60V SOT564



### NSVBA114YDXV6T1G

onsemi  
TRANS PREBIAS 2PNP 50V SOT563



### NSVBAS21TMR6T2G

onsemi  
DIODE SWITCHING 250V SC-74

## 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

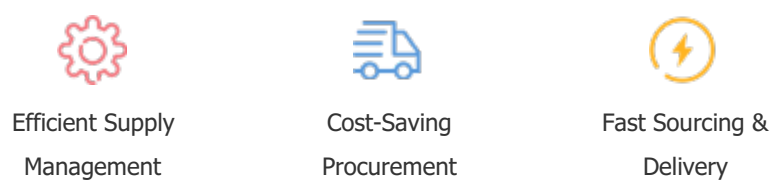
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

## Payment Support

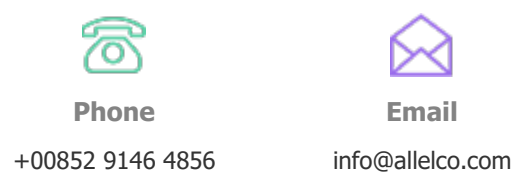
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,  
PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



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## Certifications & Memberships



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