



# NRVBA1H100NT3G

Manufacturer Part Number	<b>NRVBA1H100NT3G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-NRVBA1H100NT3G
ECAD Model	Request Free CAD Models
Parts Description	DIODE SCHOTTKY 100V 1A SMA
Package	DO-214AC, SMA
Data sheet	<b>MBRA1H100T3G, NRVBA1H100T3G.pdf</b>
RoHs Status	ROHS3 Compliant



**Get a Quote**

NRVBA1H100NT3G - onsemi.New Original in Stock. Download Linear Technology NRVBA1H100NT3G datasheet/specifications on AllelcoElec.com.

Request a quote for NRVBA1H100NT3G, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

NRVBA1H100NT3G Tech Specifications

NRVBA1H100NT3G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package	Tape & Reel (TR)
Voltage - Forward (Vf) (Max) @ If	760 mV @ 1 A	Operating Temperature - Junction	-65°C ~ 175°C
Voltage - DC Reverse (Vr) (Max)	100 V	Mounting Type	Surface Mount
Technology	Schottky	Current - Reverse Leakage @ Vr	40 µA @ 100 V
Supplier Device Package	SMA	Current - Average Rectified (Io)	1A
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Capacitance @ Vr, F	-
Series	Automotive, AEC-Q101	Base Product Number	NRVBA1
Package / Case	DO-214AC, SMA		

## Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NRVBA1H100NT3G

Product Attribute				
Part Number	NRVBA1H100NT3G	NRVB5H100MFST1G	NRVBA340NT3G	NRVBA340T3G-VF01
Manufacturer	onsemi	onsemi	onsemi	onsemi
Current - Average Rectified (Io)	1A	5A	3A	3A
Capacitance @ Vr, F	-	-	-	-
Supplier Device Package	SMA	5-DFN (5x6) (8-SOFL)	SMA	SMA
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Base Product Number	NRVBA1	NRVB5	NRVBA340	NRVBA340
Current - Reverse Leakage @ Vr	40 µA @ 100 V	100 µA @ 100 V	300 µA @ 40 V	300 µA @ 40 V
Operating Temperature - Junction	-65°C ~ 175°C	-55°C ~ 175°C	-55°C ~ 150°C	-55°C ~ 150°C
Package / Case	DO-214AC, SMA	8-PowerTFDN, 5 Leads	DO-214AC, SMA	DO-214AC, SMA
Voltage - DC Reverse (Vr) (Max)	100 V	100 V	40 V	40 V
Technology	Schottky	Schottky	Schottky	Schottky
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Series	Automotive, AEC-Q101	Automotive, AEC-Q101	Automotive, AEC-Q101	Automotive, AEC-Q101
Voltage - Forward (Vf) (Max) @ If	760 mV @ 1 A	730 mV @ 5 A	450 mV @ 3 A	450 mV @ 3 A

## NRVBA1H100NT3G Datasheet PDF

Download NRVBA1H100NT3G pdf datasheets and onsemi documentation for NRVBA1H100NT3G - onsemi.

### Datasheets

[MBRA1H100T3G, NRVBA1H100T3G.pdf](#)

### Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

## Customers Also Interested in

### Recommended Products

<b>NRVB5H100MFST1G</b>	<b>NRVBA340NT3G</b>	<b>NRVBA340T3G-VF01</b>	<b>NRVBA140NT3G</b>	<b>NRVB8H100MFSWFT3G</b>	<b>NRVBA140T3G</b>
onsemi AUTO STANDARD OF MBR5H100MFST1G	onsemi DIODE SCHOTTKY 40V 3A SMA	onsemi DIODE SCHOTTKY 40V 3A SMA	onsemi DIODE SCHOTTKY 40V 1A SMA	onsemi DIODE SCHOTTKY 100V 8A 5DFN	onsemi DIODE SCHOTTKY 40V 1A SMA



**NRVBA2H100T3G**  
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DIODE SCHOTTKY 100V 2A SMA



**NRVBA210LT3G**  
onsemi  
DIODE SCHOTTKY 10V 2A SMA



**NRVB860MFST3G**  
onsemi  
DIODE SCHOTTKY 60V 8A 5DFN



**NRVBA120ET3G**  
onsemi  
DIODE SCHOTTKY 20V 1A SMA



**NRVBAF260T3G**  
onsemi  
DIODE SCHOTTKY 60V 2A SMA-FL



**NRVBA160T3G**  
onsemi  
DIODE SCHOTTKY 60V 1A SMA



**NRVBA140T3G-VF01**  
onsemi  
DIODE SCHOTTKY 40V 1A SMA



**NRVBA160NT3G**  
onsemi  
DIODE SCHOTTKY 60V 1A SMA



**NRVBA130LT3G**  
onsemi  
DIODE SCHOTTKY 30V 1A SMA



**NRVBA320T3G**  
onsemi  
DIODE SCHOTTKY 20V 3A SMA



**NRVBA1H100T3G**  
onsemi  
DIODE SCHOTTKY 100V 1A SMA



**NRVBA340T3G**  
onsemi  
DIODE SCHOTTKY 40V 3A SMA

## 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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