



# NRVB30H100MFST3G

Manufacturer Part Number	<b>NRVB30H100MFST3G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-NRVB30H100MFST3G
ECAD Model	Request Free CAD Models
Parts Description	DIODE SCHOTTKY 100V 30A 5DFN
Package	8-PowerTDFN, 5 Leads
Data sheet	<b>MBR30H100MFS, NRVB30H100MFS.pdf</b>
RoHs Status	ROHS3 Compliant



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NRVB30H100MFST3G - onsemi.New Original in Stock. Download Linear Technology NRVB30H100MFST3G datasheet/specifications on AllelcoElec.com.  
Request a quote for NRVB30H100MFST3G, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

NRVB30H100MFST3G Tech Specifications  
NRVB30H100MFST3G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package	Tape & Reel (TR)
Voltage - Forward (Vf) (Max) @ If	900 mV @ 30 A	Operating Temperature - Junction	-55°C ~ 150°C
Voltage - DC Reverse (Vr) (Max)	100 V	Mounting Type	Surface Mount
Technology	Schottky	Current - Reverse Leakage @ Vr	100 µA @ 100 V
Supplier Device Package	5-DFN (5x6) (8-SOFL)	Current - Average Rectified (Io)	30A
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Capacitance @ Vr, F	-
Series	-	Base Product Number	NRVB30
Package / Case	8-PowerTDFN, 5 Leads		

## Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NRVB30H100MFST3G

Product Attribute	NO PICTURE			
Part Number	NRVB30H100MFST3G	NRVB440MFSWFT1G	NRVB2H100SFT3G	NRVB560MFST3G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Current - Reverse Leakage @ Vr	100 µA @ 100 V	800 µA @ 40 V	40 µA @ 100 V	150 µA @ 60 V
Capacitance @ Vr, F	-	-	-	-
Technology	Schottky	Schottky	Schottky	Schottky
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Operating Temperature - Junction	-55°C ~ 150°C	-55°C ~ 175°C	-65°C ~ 175°C	-55°C ~ 175°C
Current - Average Rectified (Io)	30A	4A	2A	5A
Package / Case	8-PowerTDFN, 5 Leads	8-PowerTDFN, 5 Leads	SOD-123F	8-PowerTDFN, 5 Leads
Series	-	-	Automotive, AEC-Q101	-
Supplier Device Package	5-DFN (5x6) (8-SOFL)	5-DFN (5x6) (8-SOFL)	SOD-123FL	5-DFN (5x6) (8-SOFL)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - DC Reverse (Vr) (Max)	100 V	40 V	100 V	60 V
Voltage - Forward (Vf) (Max) @ If	900 mV @ 30 A	650 mV @ 4 A	840 mV @ 2 A	780 mV @ 5 A
Base Product Number	NRVB30	NRVB440	NRVB2	NRVB560

## NRVB30H100MFST3G Datasheet PDF

Download NRVB30H100MFST3G pdf datasheets and onsemi documentation for NRVB30H100MFST3G - onsemi.

### Datasheets

[MBR30H100MFS, NRVB30H100MFS.pdf](#)

### Environmental Information

[onsemi RoHS.pdf](#)

## Customers Also Interested in

### Recommended Products

<b>NRVB440MFSWFT1G</b>	<b>NRVB2H100SFT3G</b>	<b>NRVB460MFST</b>	<b>NRVB560MFST3G</b>	<b>NRVB140SFT3G</b>	<b>NRVB30H100MFST1G</b>
onsemi	onsemi	AMI Semiconductor/onsemi	onsemi	onsemi	onsemi
DIODE SCHOTTKY 40V 4A 5DFN	DIODE SCHOTTKY 100V 2A SOD123FL		DIODE SCHOTTKY 60V 5A 5DFN	DIODE SCHOTTKY 40V 1A SOD123FL	DIODE SCHOTTKY 100V 30A 5DFN

 <b>NRVB540MFST1G</b> onsemi DIODE SCHOTTKY 40V 5A 5DFN	 <b>NRVB440MFST1G</b> onsemi DIODE SCHOTTKY 40V 4A 5DFN	 <b>NRVB460MFST3G</b> onsemi DIODE SCHOTTKY 60V 4A 5DFN	 <b>NRVB230LSFT1G</b> onsemi DIODE SCHOTTKY 30V 2A SOD123FL	 <b>NRVB1H100SFT3G</b> onsemi DIODE SCHOTTKY 100V 1A SOD123FL	 <b>NRVB2045EMFST3G</b> onsemi DIODE SCHOTTKY 45V 20A 5DFN
 <b>NRVB460MFST1G</b> onsemi DIODE SCHOTTKY 60V 4A 5DFN	 <b>NRVB5100MFST1G</b> onsemi DIODE SCHOTTKY 100V 5A 5DFN	 <b>NRVB140SFT1G</b> onsemi DIODE SCHOTTKY 40V 1A SOD123FL	 <b>NRVB440MFSWFT3G</b> onsemi DIODE SCHOTTKY 40V 4A 5DFN	 <b>NRVB140ESFT1G</b> onsemi DIODE SCHOTTKY 40V 1A SOD123FL	 <b>NRVB130T1G</b> onsemi DIODE SCHOTTKY 30V 1A SOD123

## 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.

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### Certifications & Memberships



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