





NRVB30H100MFST1G

Manufacturer Part Number	NRVB30H100MFST1G
Manufacturer	onsemi
Allelco Part Number	32D-NRVB30H100MFST1G
ECAD Model	 PCB Symbol, Footprint & 3D Mode
Parts Description	DIODE SCHOTTKY 100V 30A 5DFN
Package	8-PowerTDFN, 5 Leads
Data sheet	MBR30H100MFS, NRVB30H100MFS.pdf
RoHS Status	 ROHS3 Compliant



Get a Quote

NRVB30H100MFST1G - onsemi.New Original in Stock. Download Linear Technology NRVB30H100MFST1G datasheet/specifications on AllelcoElec.com.

Request a quote for NRVB30H100MFST1G, please send us email: info@allelco.com

Specifications





NRVB30H100MFST1G Tech Specifications

NRVB30H100MFST1G - 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 NRVB30H100MFST1G

Product Attribute	 NO PICTURE			
Part Number	NRVB30H100MFST1G	NRVB1H100SFT3G	NRVB140SFT3G	NRVB540MFST1G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Operating Temperature - Junction	-55°C ~ 150°C	-65°C ~ 175°C	-55°C ~ 125°C	-40°C ~ 175°C
Current - Average Rectified (Io)	30A	1A	1A	5A
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Capacitance @ Vr, F	-	-	-	-
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Voltage - Forward (Vf) (Max) @ If	900 mV @ 30 A	760 mV @ 1 A	550 mV @ 1 A	580 mV @ 5 A
Package / Case	8-PowerTDFN, 5 Leads	SOD-123F	SOD-123F	8-PowerTDFN, 5 Leads
Base Product Number	NRVB30	NRVB1	NRVB140	NRVB540
Voltage - DC Reverse (Vr) (Max)	100 V	100 V	40 V	40 V
Technology	Schottky	Schottky	Schottky	Schottky
Supplier Device Package	5-DFN (5x6) (8-SOFL)	SOD-123FL	SOD-123FL	5-DFN (5x6) (8-SOFL)
Current - Reverse Leakage @ Vr	100 µA @ 100 V	40 µA @ 100 V	500 µA @ 40 V	2 mA @ 40 V
Series	-	Automotive, AEC-Q101	Automotive, AEC-Q101	-


NRVB30H100MFST1G Datasheet PDF

Download NRVB30H100MFST1G pdf datasheets and onsemi documentation for NRVB30H100MFST1G - onsemi.

Datasheets

 [MBR30H100MFS, NRVB30H100MFS.pdf](#)







Environmental Information

 [onsemi RoHS.pdf](#)

Customers Also Interested in

Recommended Products

					
NRVB1H100SFT3G	NRVB140SFT3G	NRVB540MFST1G	NRVB440MFSWFT3G	NRVB2H100SFT3G	NRVB5100MFST1G
onsemi	onsemi	onsemi	onsemi	onsemi	onsemi
DIODE SCHOTTKY 100V 1A SOD123FL	DIODE SCHOTTKY 40V 1A SOD123FL	DIODE SCHOTTKY 40V 5A 5DFN	DIODE SCHOTTKY 40V 4A 5DFN	DIODE SCHOTTKY 100V 2A SOD123FL	DIODE SCHOTTKY 100V 5A 5DFN

 NRVB30H100MFST3G onsemi DIODE SCHOTTKY 100V 30A 5DFN	 NRVB130T1G onsemi DIODE SCHOTTKY 30V 1A SOD123	 NRVB230LSFT1G onsemi DIODE SCHOTTKY 30V 2A SOD123FL	 NRVB130LSFT1G onsemi DIODE SCHOTTKY 30V 1A SOD123FL	 NRVB140ESFT1G onsemi DIODE SCHOTTKY 40V 1A SOD123FL	 NRVB2045EMFST3G onsemi DIODE SCHOTTKY 45V 20A 5DFN
 NRVB140SFT1G onsemi DIODE SCHOTTKY 40V 1A SOD123FL	 NRVB460MFST AMI Semiconductor/onsemi	 NRVB440MFSWFT1G onsemi DIODE SCHOTTKY 40V 4A 5DFN	 NRVB460MFST3G onsemi DIODE SCHOTTKY 60V 4A 5DFN	 NRVB440MFST1G onsemi DIODE SCHOTTKY 40V 4A 5DFN	 NRVB460MFST1G onsemi DIODE SCHOTTKY 60V 4A 5DFN

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

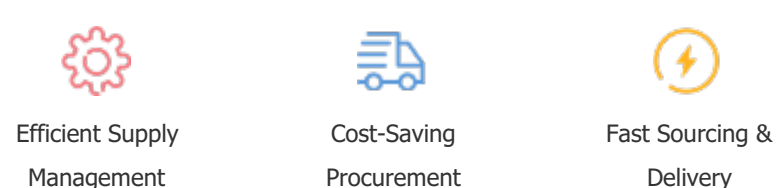
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

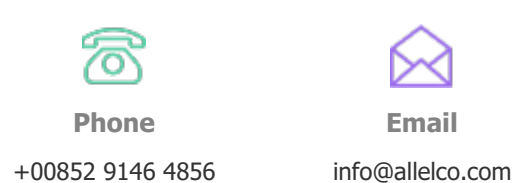
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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