



Image may be representation.  
See specifications for product details.



## NRVB1H100SFT3G

Manufacturer Part Number **NRVB1H100SFT3G**

Manufacturer **onsemi**

Allelco Part Number **32D-NRVB1H100SFT3G**

ECAD Model PCB Symbol, Footprint & 3D Model

Parts Description **DIODE SCHOTTKY 100V 1A SOD123FL**

Package **SOD-123F**

Data sheet **MBR1H100SFT3G, NRVB1H100SFT3G.pdf**

RoHs Status **ROHS3 Compliant**

**Get a Quote**

NRVB1H100SFT3G - onsemi.New Original in Stock. Download Linear Technology NRVB1H100SFT3G datasheet/specifications on AllelcoElec.com.

Request a quote for NRVB1H100SFT3G, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

NRVB1H100SFT3G Tech Specifications

NRVB1H100SFT3G - 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	SOD-123FL	Current - Average Rectified (Io)	1A
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Capacitance @ Vr, F	-
Series	Automotive, AEC-Q101	Base Product Number	NRVB1
Package / Case	SOD-123F		

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NRVB1H100SFT3G

Product Attribute				
Part Number	NRVB1H100SFT3G	NRVB140ESFT1G	NRVB440MFST1G	NRVB130LSFT1G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Technology	Schottky	Schottky	Schottky	Schottky
Voltage - DC Reverse (Vr) (Max)	100 V	40 V	40 V	30 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Base Product Number	NRVB1	NRVB140	NRVB440	NRVB130
Package / Case	SOD-123F	SOD-123F	8-PowerTDFN, 5 Leads	SOD-123F
Current - Average Rectified (Io)	1A	1A	4A	1A
Operating Temperature - Junction	-65°C ~ 175°C	-55°C ~ 175°C	-55°C ~ 175°C	-55°C ~ 125°C
Series	Automotive, AEC-Q101	Automotive, AEC-Q101	-	Automotive, AEC-Q101
Capacitance @ Vr, F	-	-	-	-
Supplier Device Package	SOD-123FL	SOD-123FL	5-DFN (5x6) (8-SOFL)	SOD-123FL
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - Forward (Vf) (Max) @ If	760 mV @ 1 A	560 mV @ 1 A	650 mV @ 4 A	380 mV @ 1 A
Current - Reverse Leakage @ Vr	40 µA @ 100 V	30 µA @ 40 V	800 µA @ 40 V	1 mA @ 30 V

### NRVB1H100SFT3G Datasheet PDF

Download NRVB1H100SFT3G pdf datasheets and onsemi documentation for NRVB1H100SFT3G - onsemi.

#### Datasheets

MBR1H100SFT3G, NRVB1H100SFT3G.pdf

#### Environmental Information

onsemi REACH.pdf

onsemi RoHS.pdf

#### PCN Packaging

MPN Label Update 08/Sep/2021.pdf

MPN label update 11/Oct/2021.pdf

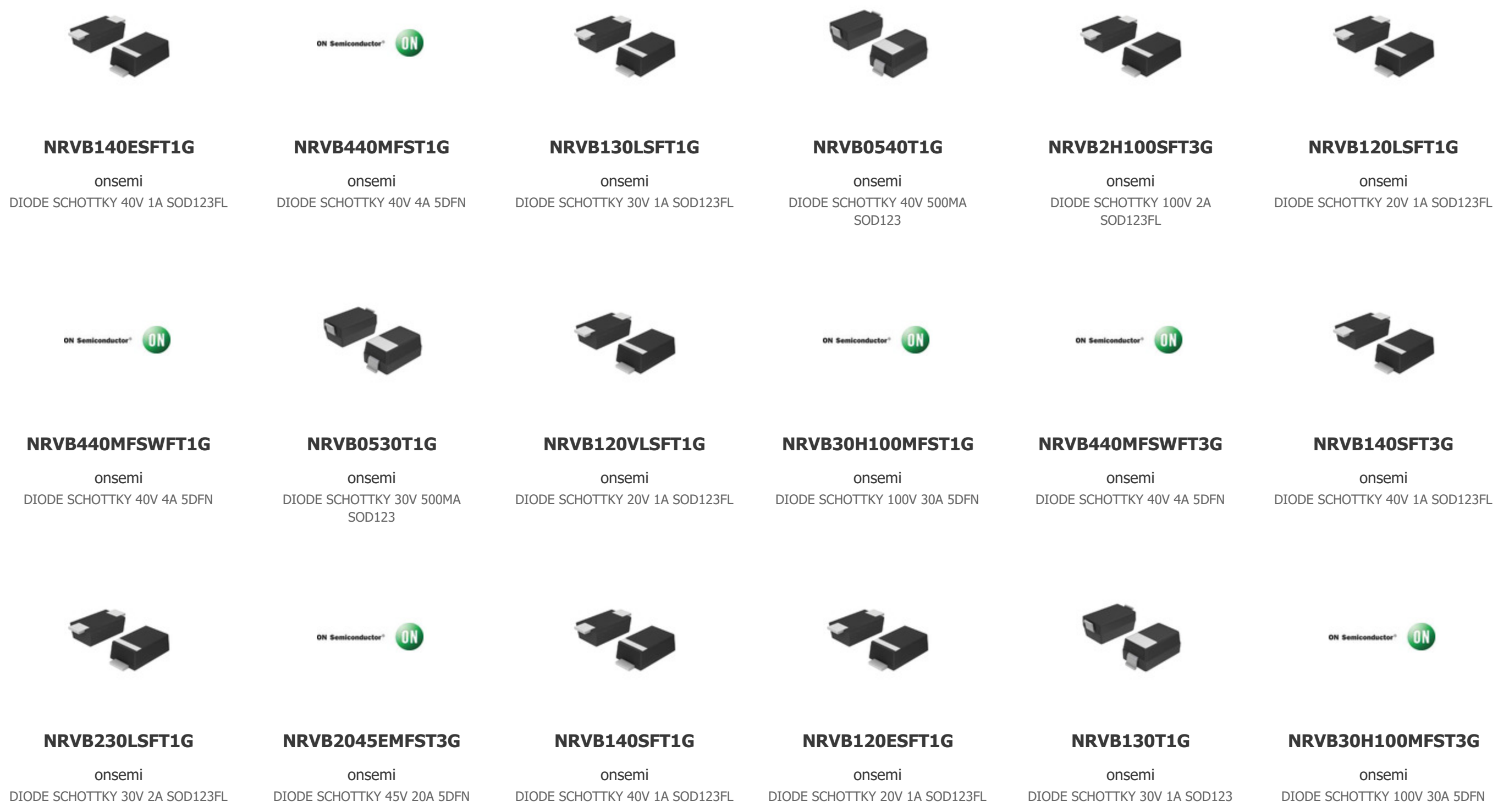
#### PCN Design/Specification

NRVBxx 23/Jan/2023.pdf

NRVBxx 30/Sep/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 Alleco 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

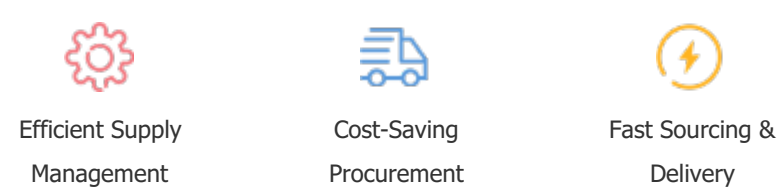
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

## Payment Support

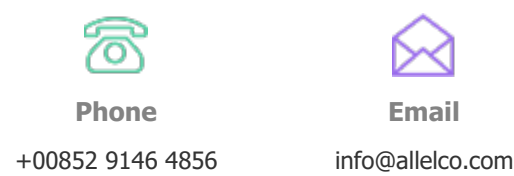
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



## Certifications & Memberships



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