



Image may be representation.
See specifications for product details.



MBR1H100SFT3G

Manufacturer Part Number	MBR1H100SFT3G
Manufacturer	onsemi
Allelco Part Number	32D-MBR1H100SFT3G
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	DIODE SCHOTTKY 100V 1A SOD123FL
Package	SOD-123F
Data sheet	MBR1H100SFT3G, NRVB1H100SFT3G.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MBR1H100SFT3G - onsemi.New Original in Stock. Download Linear Technology MBR1H100SFT3G datasheet/specifications on AllelcoElec.com.
Request a quote for MBR1H100SFT3G, please send us email: info@allelco.com

Specifications

MBR1H100SFT3G Tech Specifications
MBR1H100SFT3G - 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	-	Base Product Number	MBR1H100
Package / Case	SOD-123F		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MBR1H100SFT3G

Product Attribute				
Part Number	MBR1H100SFT3G	MBR180S1-7	MBR1690	MBR20020CTL
Manufacturer	onsemi	Diodes Incorporated	Taiwan Semiconductor Corporation	MOTOROLA
Capacitance @ Vr, F	-	20pF @ 5V, 1MHz	-	-
Supplier Device Package	SOD-123FL	SOD-123	TO-220AC	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	-
Voltage - DC Reverse (Vr) (Max)	100 V	80 V	90 V	-
Package / Case	SOD-123F	SOD-123	TO-220-2	-
Current - Average Rectified (Io)	1A	1A	16A	-
Base Product Number	MBR1H100	MBR180	-	-
Voltage - Forward (Vf) (Max) @ If	760 mV @ 1 A	800 mV @ 1 A	850 mV @ 16 A	-
Technology	Schottky	Schottky	Schottky	-
Operating Temperature - Junction	-65°C ~ 175°C	-55°C ~ 175°C	-55°C ~ 150°C	-
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	-
Current - Reverse Leakage @ Vr	40 µA @ 100 V	5 µA @ 80 V	300 µA @ 90 V	-
Series	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Through Hole	-

MBR1H100SFT3G Datasheet PDF

Download MBR1H100SFT3G pdf datasheets and onsemi documentation for MBR1H100SFT3G - onsemi.

Datasheets

[MBR1H100SFT3G, NRVB1H100SFT3G.pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)

PCN Packaging

[MPN Label Update 08/Sep/2021.pdf](#)

[MPN label update 11/Oct/2021.pdf](#)

PCN Design/Specification

[Mold Compound/Lead Frame Chg 21/Jul/2016.pdf](#)

[SOD123-FL Package Height 13/Sep/2013.pdf](#)

PCN Assembly/Origin

[SOD123FL LeadFrame Chgs 16/Dec/2020.pdf](#)

Customers Also Interested in

Recommended Products

MBR20020CTL MOTOROLA IGBT Module	MBR1665GCT PINGWEI	MBR200150CT GeneSiC Semiconductor DIODE SCHOTTKY 150V 100A 2 TOWER	MBR20020CT GeneSiC Semiconductor DIODE MODULE 20V 200A 2TOWER	MBR200100CTS GeneSiC Semiconductor DIODE MODULE 100V 200A SOT227	MBR1660DC PANJIT
MBR200100CT GeneSiC Semiconductor DIODE MODULE 100V 200A 2TOWER	MBR1660CT Micro Commercial Components (MCC)	MBR180S1-7 Diodes Incorporated DIODE SCHOTTKY 80V 1A SOD123	MBR1660_NL Fairchild (onsemi)	MBR16H45	MBR20015CTL MOTOROLA IGBT Module
MBR1690 Taiwan Semiconductor Corporation DIODE SCHOTTKY 90V 16A TO220AC	MBR1H100SFT1G MSV	MBR20020 MOTOROLA IGBT Module	MBR200200CT GeneSiC Semiconductor DIODE SCHOTTKY 200V 100A 2 TOWER	MBR1680CT	MBR19TQ015S-G-T4 SSG

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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 Email
info@allelco.com

Certifications & Memberships



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