

Image may be representation.
See specifications for product details.



MBR140SFT3G

Manufacturer Part Number	MBR140SFT3G
Manufacturer	onsemi
Allelco Part Number	32D-MBR140SFT3G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DIODE SCHOTTKY 40V 1A SOD123FL
Package	SOD-123F
Data sheet	MBR140SFTxG, NRVB140SFTxG.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MBR140SFT3G - onsemi.New Original in Stock. Download Linear Technology MBR140SFT3G datasheet/specifications on AllelcoElec.com.
Request a quote for MBR140SFT3G, please send us email: info@allelco.com

Specifications

MBR140SFT3G Tech Specifications

MBR140SFT3G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package	Tape & Reel (TR)
Voltage - Forward (Vf) (Max) @ If	550 mV @ 1 A	Operating Temperature - Junction	-55°C ~ 125°C
Voltage - DC Reverse (Vr) (Max)	40 V	Mounting Type	Surface Mount
Technology	Schottky	Current - Reverse Leakage @ Vr	500 µA @ 40 V
Supplier Device Package	SOD-123FL	Current - Average Rectified (Io)	1A
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Capacitance @ Vr, F	-
Series	-	Base Product Number	MBR140
Package / Case	SOD-123F		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MBR140SFT3G

Product Attribute				
Part Number	MBR140SFT3G	MBR140SFT3	MBR140SFT1	MBR140ESFT1G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Current - Average Rectified (Io)	1A	1A	1A	1A
Capacitance @ Vr, F	-	-	-	-
Voltage - DC Reverse (Vr) (Max)	40 V	40 V	40 V	40 V
Voltage - Forward (Vf) (Max) @ If	550 mV @ 1 A	550 mV @ 1 A	550 mV @ 1 A	560 mV @ 1 A
Package / Case	SOD-123F	SOD-123F	SOD-123F	SOD-123F
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature - Junction	-55°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 175°C
Current - Reverse Leakage @ Vr	500 µA @ 40 V	500 µA @ 40 V	500 µA @ 40 V	30 µA @ 40 V
Technology	Schottky	Schottky	Schottky	Schottky
Series	-	-	-	-
Supplier Device Package	SOD-123FL	SOD-123FL	SOD-123FL	SOD-123FL
Base Product Number	MBR140	MBR140	MBR140	MBR140
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)

MBR140SFT3G Datasheet PDF

Download MBR140SFT3G pdf datasheets and onsemi documentation for MBR140SFT3G - onsemi.

Datasheets

[MBR140SFTxG, NRVB140SFTxG.pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)

PCN Design/Specification

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













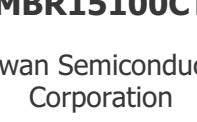
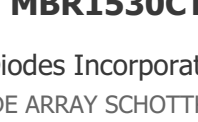
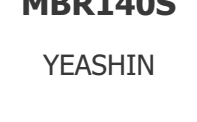

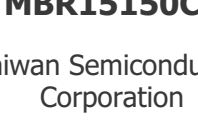
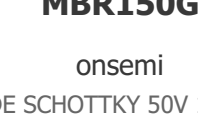






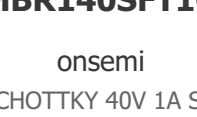
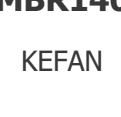

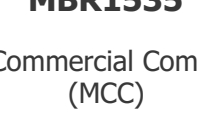
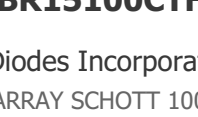
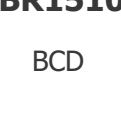
[SOD123-FL Package Height 13/Sep/2013.pdf](#)

PCN Assembly/Origin

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

Customers Also Interested in

Recommended Products

 MBR140SFT3 onsemi DIODE SCHOTTKY 40V 1A SOD123FL	 NO PICTURE	 MBR140SFT1 onsemi DIODE SCHOTTKY 40V 1A SOD123FL	 MBR140ESFT1G onsemi DIODE SCHOTTKY 40V 1A SOD123FL	 MBR140LT1G AMI Semiconductor/onsemi	 NO PICTURE
 MBR140SF SHIKUES	 NO PICTURE	 NO PICTURE	 NO PICTURE	 MBR140LT1G Taiwan Semiconductor Corporation DIODE ARRAY SCHOTTKY 150V TO220	 MBR140LSF PHY
 MBR15100CT Taiwan Semiconductor Corporation DIODE ARRAY SCHOTTKY 100V TO220	 MBR1530CT Diodes Incorporated DIODE ARRAY SCHOTTKY 30V TO220AB	 NO PICTURE	 NO PICTURE	 MBR15150CT Taiwan Semiconductor Corporation DIODE ARRAY SCHOTTKY 150V TO220	 MBR150G onsemi DIODE SCHOTTKY 50V 1A AXIAL
 MBR140SFT1G onsemi DIODE SCHOTTKY 40V 1A SOD123FL	 NO PICTURE	 NO PICTURE	 MBR1535 Micro Commercial Components (MCC)	 MBR15100CTF-E1 Diodes Incorporated DIODE ARRAY SCHOTT 100V TO220F	 NO PICTURE
 NO PICTURE	 NO PICTURE	 NO PICTURE	 NO PICTURE	 NO PICTURE	 NO PICTURE

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.



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 Efficient Supply Management
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Contact us if you have any questions.

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Certifications & Memberships



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