



MBR30H100MFST1G

Manufacturer Part Number	MBR30H100MFST1G
Manufacturer	onsemi
Allelco Part Number	32D-MBR30H100MFST1G
ECAD Model	Request Free CAD Models
Parts Description	DIODE SCHOTTKY 100V 30A 5DFN
Package	8-PowerTDFN, 5 Leads
Data sheet	MBR30H100MFS, NRVB30H100MFS.pdf
RoHs Status	ROHS3 Compliant



Get a Quote

MBR30H100MFST1G - onsemi.New Original in Stock. Download Linear Technology MBR30H100MFST1G datasheet/specifications on AllelcoElec.com.
Request a quote for MBR30H100MFST1G, please send us email: info@allelco.com

Specifications

MBR30H100MFST1G Tech Specifications
MBR30H100MFST1G - 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	MBR30H100
Package / Case	8-PowerTDFN, 5 Leads		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MBR30H100MFST1G

Product Attribute				
Part Number	MBR30H100MFST1G	MBR3060RL	MBR30H100CT-G1	MBR30H100CT
Manufacturer	onsemi	onsemi	Diodes Incorporated	Taiwan Semiconductor Corporation
Capacitance @ Vr, F	-	-	-	-
Mounting Type	Surface Mount	Through Hole	Through Hole	Through Hole
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tube
Voltage - Forward (Vf) (Max) @ If	900 mV @ 30 A	620 mV @ 3 A	800 mV @ 15 A	980 mV @ 30 A
Operating Temperature - Junction	-55°C ~ 150°C	-65°C ~ 150°C	-65°C ~ 175°C	-55°C ~ 175°C
Technology	Schottky	Schottky	Schottky	Schottky
Package / Case	8-PowerTDFN, 5 Leads	DO-201AD, Axial	TO-220-3	TO-220-3
Base Product Number	MBR30H100	MBR3060	-	MBR30
Voltage - DC Reverse (Vr) (Max)	100 V	60 V	100 V	100 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Current - Average Rectified (Io)	30A	3A	-	-
Series	-	-	-	-
Current - Reverse Leakage @ Vr	100 µA @ 100 V	150 µA @ 60 V	4.5 µA @ 100 V	10 µA @ 100 V
Supplier Device Package	5-DFN (5x6) (8-SOFL)	Axial	TO-220-3	TO-220AB

MBR30H100MFST1G Datasheet PDF

Download MBR30H100MFST1G pdf datasheets and onsemi documentation for MBR30H100MFST1G - onsemi.

Datasheets

[MBR30H100MFS, NRVB30H100MFS.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

PCN Obsolescence/ EOL

[Mult Dev EOL 08/Jul/2021.pdf](#)

Customers Also Interested in

Recommended Products



MBR30H100CT-G1Diodes Incorporated
DIODE ARRAY SCHOTTKY 100V
TO220**MBR30H100CT**Taiwan Semiconductor Corporation
DIODE ARRAY SCHOTTKY 100V**MBR30H45CT-E3/45**Vishay General Semiconductor - Diodes Division
DIODE ARRAY SCHOTTKY 45V**MBR30H100CTG**onsemi
DIODE ARRAY SCHOTTKY 100V
TO220**MBR30H30CTG**onsemi
DIODE ARRAY SCHOTTKY 30V
TO220AB**MBR30H100CT-E1**Diodes Incorporated
DIODE ARRAY SCHOTTKY 100V
TO220**MBR30H30G**

AMI Semiconductor/onsemi

**MBR3060RL**onsemi
DIODE SCHOTTKY 60V 3A AXIAL**MBR30H150CTG**onsemi
DIODE ARRAY SCHOTTKY 150V
TO220**MBR30H150FCT****MBR30H100CTF-E1**Diodes Incorporated
DIODE ARRAY SCHOTTKY 100V
TO220F**MBR3080FCT****MBR30H45CT**

Electro-Films (EFI) / Vishay

MBR30H100CTonsemi
DIODE ARRAY SCHOTTKY 100V
TO220**MBR30H150CT**

PANJIT

MBR30H100CT-E3/45Vishay General Semiconductor - Diodes Division
DIODE ARRAY SCHOTTKY 100V
TO220**MBR30H150CT-E3/45**Vishay General Semiconductor - Diodes Division
DIODE ARRAY SCHOTTKY 150V
TO220**MBR30H45CTHE3/45**Vishay General Semiconductor - Diodes Division
DIODE ARRAY SCHOTTKY 45V
TO220AB

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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