



MBRF30H100CTG

Manufacturer Part Number	MBRF30H100CTG
Manufacturer	onsemi
Allelco Part Number	32D-MBRF30H100CTG
ECAD Model	Request Free CAD Models
Parts Description	DIODE ARRAY SCHOTTKY 100V TO220F
Package	TO-220-3 Full Pack
Data sheet	MBR(F)30H100CT.pdf
RoHs Status	ROHS3 Compliant

ON Semiconductor®

Get a Quote

MBRF30H100CTG - onsemi.New Original in Stock. Download Linear Technology MBRF30H100CTG datasheet/specifications on AllelcoElec.com.

Request a quote for MBRF30H100CTG, please send us email: info@allelco.com

Specifications

MBRF30H100CTG Tech Specifications

MBRF30H100CTG - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package	Tube
Voltage - Forward (Vf) (Max) @ If	800 mV @ 15 A	Operating Temperature - Junction	175°C (Max)
Voltage - DC Reverse (Vr) (Max)	100 V	Mounting Type	Through Hole
Technology	Schottky	Diode Configuration	1 Pair Common Cathode
Supplier Device Package	TO-220FP	Current - Reverse Leakage @ Vr	4.5 µA @ 100 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Current - Average Rectified (Io) (per Diode)	15A
Series	SWITCHMODE™	Base Product Number	MBRF30
Package / Case	TO-220-3 Full Pack		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MBRF30H100CTG

Product Attribute	NO PICTURE			
Part Number	MBRF30H100CTG	MBRF30H100CT-E3/45	MBRF30L120CT	MBRF30H60CTG
Manufacturer	onsemi	Vishay General Semiconductor - Diodes Division	Taiwan Semiconductor Corporation	onsemi
Operating Temperature - Junction	175°C (Max)	-65°C ~ 175°C	-55°C ~ 150°C	-55°C ~ 175°C
Package	Tube	Tube	Tube	Tube
Series	SWITCHMODE™	-	-	SWITCHMODE™
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole
Voltage - DC Reverse (Vr) (Max)	100 V	100 V	120 V	60 V
Current - Reverse Leakage @ Vr	4.5 µA @ 100 V	5 µA @ 100 V	20 mA @ 120 V	300 µA @ 60 V
Package / Case	TO-220-3 Full Pack	TO-220-3 Full Pack, Isolated Tab	TO-220-3 Full Pack, Isolated Tab	TO-220-3 Full Pack
Current - Average Rectified (Io) (per Diode)	15A	15A	30A	15A
Supplier Device Package	TO-220FP	ITO-220AB	ITO-220AB	TO-220FP
Technology	Schottky	Schottky	Schottky	Schottky
Base Product Number	MBRF30	MBRF30	MBRF30	MBRF30
Voltage - Forward (Vf) (Max) @ If	800 mV @ 15 A	820 mV @ 15 A	950 mV @ 30 A	620 mV @ 15 A
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Diode Configuration	1 Pair Common Cathode	1 Pair Common Cathode	1 Pair Common Cathode	1 Pair Common Cathode

MBRF30H100CTG Datasheet PDF

Download MBRF30H100CTG pdf datasheets and onsemi documentation for MBRF30H100CTG - onsemi.

Datasheets

[MBR\(F\)30H100CT.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

PCN Assembly/Origin

[Assembly Site Transfer 3/Mar/2016.pdf](#)

Customers Also Interested in

Recommended Products



MBRF30H100CT-E3/45

Vishay General Semiconductor - Diodes Division
DIODE ARRAY SCHOTTKY 100V ITO220

**MBRF30L120CT**

Taiwan Semiconductor Corporation
DIODE ARRAY SCHOTT 120V ITO220AB

**MBRF30H60CTG**

onsemi
DIODE ARRAY SCHOTTKY 60V TO220FP

**MBRF3060CT**

Taiwan Semiconductor Corporation
DIODE ARRAY SCHOTT 60V ITO220AB

**MBRF3060CT-G**

SSG

**MBRF30H45CT-E3/45**

Vishay General Semiconductor - Diodes Division
DIODE ARRAY SCHOTTKY 45V ITO220

**MBRF3060CT**

Littelfuse Inc.
DIODE SCHOTTKY 60V 15A ITO220AB

MBRF3060CT

SMC Diode Solutions
DIODE ARRAY SCHOTTKY 60V ITO220

MBRF3080CT

SMC Diode Solutions
DIODE SCHOTTKY 80V ITO220AB

MBRF3080CT

Taiwan Semiconductor Corporation
DIODE ARRAY SCHOTT 80V ITO220AB

MBRF30H100CT

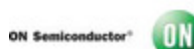
Electro-Films (EFI) / Vishay

MBRF30H150CTG

onsemi
DIODE ARRAY SCHOTTKY 150V TO220F



NO PICTURE

**MBRF3060CTG**

TOOHONG

MBRF30H150CT

Electro-Films (EFI) / Vishay

MBRF30L45CT

Taiwan Semiconductor Corporation
DIODE ARRAY SCHOTT 45V ITO220AB

MBRF3045CTG

AMI Semiconductor/onsemi

MBRF30H60CT-E3/45

Vishay General Semiconductor - Diodes Division
DIODE ARRAY SCHOTTKY 60V ITO220

MBRF30H150CT-E3/45

Vishay General Semiconductor - Diodes Division
DIODE ARRAY SCHOTTKY 150V ITO220

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.



Phone

+00852 9146 4856



Email

info@allelco.com

Certifications & Memberships



View More



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