



Image may be representation.
See specifications for product details.



MBR10H100CTG

Manufacturer Part Number	MBR10H100CTG
Manufacturer	onsemi
Allelco Part Number	32D-MBR10H100CTG
ECAD Model	Request Free CAD Models
Parts Description	DIODE ARRAY SCHOTTKY 100V TO220
Package	TO-220-3
Data sheet	MBR10H100CT.pdf

Get a Quote

MBR10H100CTG - onsemi.New Original in Stock. Download Linear Technology MBR10H100CTG datasheet/specifications on AllelcoElec.com.
Request a quote for MBR10H100CTG, please send us email: info@allelco.com

Specifications

MBR10H100CTG Tech Specifications

MBR10H100CTG - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package	Tube
Voltage - Forward (Vf) (Max) @ If	730 mV @ 5 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-220	Current - Reverse Leakage @ Vr	3.5 µA @ 100 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Current - Average Rectified (Io) (per Diode)	5A
Series	SWITCHMODE™	Base Product Number	MBR10
Package / Case	TO-220-3		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MBR10H100CTG

Product Attribute				
Part Number	MBR10H100CTG	MBR10H100CT-E3/45	MBR10L100CTH	MBR10H100CT
Manufacturer	onsemi	Vishay General Semiconductor - Diodes Division	Taiwan Semiconductor Corporation	Taiwan Semiconductor Corporation
Diode Configuration	1 Pair Common Cathode	1 Pair Common Cathode	1 Pair Common Cathode	1 Pair Common Cathode
Operating Temperature - Junction	175°C (Max)	-65°C ~ 175°C	-55°C ~ 150°C	-55°C ~ 175°C
Voltage - Forward (Vf) (Max) @ If	730 mV @ 5 A	760 mV @ 5 A	850 mV @ 10 A	950 mV @ 10 A
Current - Reverse Leakage @ Vr	3.5 µA @ 100 V	3.5 µA @ 100 V	20 µA @ 100 V	5 µA @ 100 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	MBR10	MBR10	MBR10	MBR10
Current - Average Rectified (Io) (per Diode)	5A	5A	10A	10A
Package / Case	TO-220-3	TO-220-3	TO-220-3	TO-220-3
Supplier Device Package	TO-220	TO-220-3	TO-220AB	TO-220AB
Package	Tube	Tube	Tube	Tube
Technology	Schottky	Schottky	Schottky	Schottky
Voltage - DC Reverse (Vr) (Max)	100 V	100 V	100 V	100 V
Series	SWITCHMODE™	-	Automotive, AEC-Q101	-
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole

MBR10H100CTG Datasheet PDF

Download MBR10H100CTG pdf datasheets and onsemi documentation for MBR10H100CTG - onsemi.

Datasheets

[MBR10H100CT.pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)

PCN Obsolescence/ EOL

[Multiple Devices 30/Jun/2011.pdf](#)

Customers Also Interested in

Recommended Products















NO PICTURE



NO PICTURE



NO PICTURE

MBR10H100CT-E3/45	MBR1090G	MBR1090FCT	MBR10H150FCT	MBR10L100CTH	MBR10H45
Vishay General Semiconductor - Diodes Division DIODE ARRAY SCHOTTKY 100V TO220	onsemi DIODE SCHOTTKY 90V 10A TO220-2			Taiwan Semiconductor Corporation 10A, 100V, SCHOTTKY RECTIFIER	
					
MBR10H100CT Taiwan Semiconductor Corporation DIODE ARRAY SCHOTTKY 100V TO220	MBR10H100CT onsemi DIODE ARRAY SCHOTTKY 100V TO220	MBR10L100CT Taiwan Semiconductor Corporation DIODE ARRAY SCHOTTKY 100V TO220	MBR10H150CT Taiwan Semiconductor Corporation DIODE SCHOTTKY 150V 10A TO220AB	MBR1090CT	MBR10H200CT Taiwan Semiconductor Corporation DIODE SCHOTTKY 200V 10A TO220AB
					
MBR10H200CT-E3/45 Electro-Films (EFI) / Vishay	MBR10H150CT-E3/45 Vishay General Semiconductor - Diodes Division DIODE ARRAY SCHOTTKY 150V TO220	MBR10B100FCTH SIRECT	MBR10B100FCTH,10100 SIAECT	MBR10H100-E3/45 Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 100V 10A TO220AC	MBR10H150CT_TO_0000 Panjit International Inc. ULTRA LOW IR SCHOTTKY BARRIER RE

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



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