





# MBR10100G

Manufacturer Part Number	<b>MBR10100G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-MBR10100G
ECAD Model	 PCB Symbol, Footprint & 3D Mode
Parts Description	DIODE SCHOTTKY 100V 10A TO220-2
Package	TO-220-2
Data sheet	<b>MBR1080, 1090, 10100.pdf</b>
RoHs Status	 ROHS3 Compliant



**Get a Quote**

MBR10100G - onsemi.New Original in Stock. Download Linear Technology MBR10100G datasheet/specifications on AllelcoElec.com.

Request a quote for MBR10100G, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications





MBR10100G Tech Specifications

MBR10100G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package	Tube
Voltage - Forward (Vf) (Max) @ If	800 mV @ 10 A	Operating Temperature - Junction	-65°C ~ 175°C
Voltage - DC Reverse (Vr) (Max)	100 V	Mounting Type	Through Hole
Technology	Schottky	Current - Reverse Leakage @ Vr	100 µA @ 100 V
Supplier Device Package	TO-220-2	Current - Average Rectified (Io)	10A
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Capacitance @ Vr, F	-
Series	SWITCHMODE™	Base Product Number	MBR1010
Package / Case	TO-220-2		

## Parts with Similar Specifications


The three parts on the right have similar specifications to onsemi MBR10100G

Product Attribute	 NO PICTURE			 NO PICTURE
Part Number	MBR10100G	MBR10150	MBR10100CTP	MBR10100DC-R2-10001
Manufacturer	onsemi	Taiwan Semiconductor Corporation	SMC Diode Solutions	PANJIT
Voltage - Forward (Vf) (Max) @ If	800 mV @ 10 A	1.05 V @ 10 A	850 mV @ 5 A	-
Supplier Device Package	TO-220-2	TO-220AC	TO-220AB	-
Package	Tube	Tube	Tube	-
Mounting Type	Through Hole	Through Hole	Through Hole	-
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	-
Base Product Number	MBR1010	MBR1015	MBR1010	-
Series	SWITCHMODE™	-	-	-
Technology	Schottky	Schottky	Schottky	-
Current - Reverse Leakage @ Vr	100 µA @ 100 V	100 µA @ 150 V	1 mA @ 100 V	-
Capacitance @ Vr, F	-	-	-	-
Operating Temperature - Junction	-65°C ~ 175°C	-55°C ~ 150°C	-55°C ~ 150°C	-
Package / Case	TO-220-2	TO-220-2	TO-220-3	-
Voltage - DC Reverse (Vr) (Max)	100 V	150 V	100 V	-
Current - Average Rectified (Io)	10A	10A	-	-


## MBR10100G Datasheet PDF


Download MBR10100G pdf datasheets and onsemi documentation for MBR10100G - onsemi.

### Datasheets


 [MBR1080, 1090, 10100.pdf](#)

### Environmental Information

 [onsemi REACH.pdf](#)

 [onsemi RoHS.pdf](#)







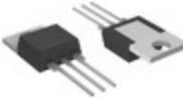





### PCN Assembly/Origin

 [Mult Dev 14/May/2020.pdf](#)

## Customers Also Interested in

### Recommended Products



<b>MBR10100CTP</b> SMC Diode Solutions DIODE ARRAY SCHOTTKY 100V TO220	<b>MBR10100DC-R2-10001</b> PANJIT	<b>MBR10150CL-TA3-T</b> UTC	<b>MBR10100CTW</b> MHCHXM LT	<b>MBR10100F</b> MHCHXM	<b>MBR10100_TO_00001-PEC</b> PANJIT
					
<b>MBR10100MFS</b> AMI Semiconductor/onsemi	<b>MBR10100DS</b> JINGDAO	<b>MBR10150</b> Taiwan Semiconductor Corporation DIODE ARRAY SCHOTTKY 150V 10A TO220AC	<b>MBR10100ULPS-TH</b> WILLAS	<b>MBR10150CL</b> UTC	<b>MBR10100GCT</b> PY
					
<b>MBR10100FCT</b> Yangzhou Yangjie Electronic Technology Co.,Ltd SCHOTTKY DIODE 100V 10A ITO-220A	<b>MBR10100F3</b> CYSTECH	<b>MBR10100CTP</b> Diodes Incorporated DIODE ARRAY SCHOTTKY 100V ITO220	<b>MBR10150CT</b> Littelfuse Inc. DIODE SCHOTTKY 150V 5A TO220AB	<b>MBR10100FCT_TO_0010-PEC</b> PANJIT	<b>MBR10100FCT_TO_0000-PEC</b> PANJIT

## 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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### Contact us

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