



Image may be representation.  
See specifications for product details.



## MBRM2H100T3G

Manufacturer Part Number	<b>MBRM2H100T3G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-MBRM2H100T3G
ECAD Model	Request Free CAD Models
Parts Description	DIODE SCHOTTKY 100V 2A POWERMITE
Package	DO-216AA
Data sheet	<b>MBRM2H100T3G.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MBRM2H100T3G - onsemi.New Original in Stock. Download Linear Technology MBRM2H100T3G datasheet/specifications on AllelcoElec.com.  
Request a quote for MBRM2H100T3G, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MBRM2H100T3G Tech Specifications

MBRM2H100T3G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package	Tape & Reel (TR)
Voltage - Forward (Vf) (Max) @ If	840 mV @ 2 A	Operating Temperature - Junction	-65°C ~ 175°C
Voltage - DC Reverse (Vr) (Max)	100 V	Mounting Type	Surface Mount
Technology	Schottky	Current - Reverse Leakage @ Vr	20 µA @ 100 V
Supplier Device Package	Powermite	Current - Average Rectified (Io)	2A
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Capacitance @ Vr, F	-
Series	-	Base Product Number	MBRM2
Package / Case	DO-216AA		

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MBRM2H100T3G

Product Attribute				
Part Number	MBRM2H100T3G	MBRM140T3	MBRM140T1G	MBRM140T1
Manufacturer	onsemi	onsemi	onsemi	onsemi
Voltage - DC Reverse (Vr) (Max)	100 V	40 V	40 V	40 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Supplier Device Package	Powermite	Powermite	Powermite	Powermite
Current - Reverse Leakage @ Vr	20 µA @ 100 V	500 µA @ 40 V	500 µA @ 40 V	500 µA @ 40 V
Operating Temperature - Junction	-65°C ~ 175°C	-	-55°C ~ 125°C	-
Technology	Schottky	Schottky	Schottky	Schottky
Capacitance @ Vr, F	-	-	-	-
Voltage - Forward (Vf) (Max) @ If	840 mV @ 2 A	550 mV @ 1 A	550 mV @ 1 A	550 mV @ 1 A
Current - Average Rectified (Io)	2A	1A	1A	1A
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	-	-	-	-
Package / Case	DO-216AA	DO-216AA	DO-216AA	DO-216AA
Base Product Number	MBRM2	MBRM140	MBRM140	MBRM140

### MBRM2H100T3G Datasheet PDF

Download MBRM2H100T3G pdf datasheets and onsemi documentation for MBRM2H100T3G - onsemi.

#### Datasheets

[MBRM2H100T3G.pdf](#)

#### Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

#### PCN Design/Specification

[Metal Chg/Die Shrink Upd 22/Sep/2016.pdf](#)

### Customers Also Interested in

#### Recommended Products



**MBRM140T3**onsemi  
DIODE SCHOTTKY 40V 1A  
POWERMITE**MBRM140T1G**onsemi  
DIODE SCHOTTKY 40V 1A  
POWERMITE**MBRM140LT1G**

MSV

**MBRM140-TI x4**

AMI Semiconductor/onsemi

**MBRM3175-13-F**

Diodes Incorporated

**MBRM140T1**onsemi  
DIODE SCHOTTKY 40V 1A  
POWERMITE**MBRM140LT1**

AMI Semiconductor/onsemi

**MBRM2H100T1G**

AMI Semiconductor/onsemi

**MBRM3100-13**Diodes Incorporated  
DIODE SCHOTTKY 100V 3A  
PWRMITE3**MBRM360-13-F**Diodes Incorporated  
DIODE SCHOTTKY 60V 3A  
POWERMITE3**MBRM5100H-13**

Diodes Incorporated

**MBRM140T3G**onsemi  
DIODE SCHOTTKY 40V 1A  
POWERMITE**MBRM3100-13-F**Diodes Incorporated  
DIODE SCHOTTKY 100V 3A  
PWRMITE3**MBRM5100-13-F**Diodes Incorporated  
DIODE SCHOTTKY 100V 5A  
PWRMITE3**MBRM560-13-F**Diodes Incorporated  
DIODE SCHOTTKY 60V 5A  
POWERMITE3**MBRM1H100T3G**onsemi  
DIODE SCHOTTKY 100V 1A  
POWERMITE**MBRM1H100T1G**

AMI Semiconductor/onsemi

**MBRM5100-13**Diodes Incorporated  
DIODE SCHOTTKY 100V 5A  
PWRMITE3

## 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  
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## Certifications & Memberships



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