



Image may be representation.
See specifications for product details.



MBRA2H100T3G

Manufacturer Part Number	MBRA2H100T3G
Manufacturer	onsemi
Allelco Part Number	32D-MBRA2H100T3G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DIODE SCHOTTKY 100V 2A SMA
Package	DO-214AC, SMA
Data sheet	MBR(S,A)2H100T3G.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MBRA2H100T3G - onsemi.New Original in Stock. Download Linear Technology MBRA2H100T3G datasheet/specifications on AllelcoElec.com.
Request a quote for MBRA2H100T3G, please send us email: info@allelco.com

Specifications

MBRA2H100T3G Tech Specifications
MBRA2H100T3G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package	Tape & Reel (TR)
Voltage - Forward (Vf) (Max) @ If	790 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	8 µA @ 100 V
Supplier Device Package	SMA	Current - Average Rectified (Io)	2A
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Capacitance @ Vr, F	-
Series	-	Base Product Number	MBRA2H100
Package / Case	DO-214AC, SMA		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MBRA2H100T3G

Product Attribute				
Part Number	MBRA2H100T3G	MBRA320T3G	MBRA160T3G	MBRA340T3
Manufacturer	onsemi	onsemi	onsemi	onsemi
Series	-	-	-	-
Voltage - DC Reverse (Vr) (Max)	100 V	20 V	60 V	40 V
Capacitance @ Vr, F	-	-	-	-
Base Product Number	MBRA2H100	MBRA320	MBRA160	MBRA340
Technology	Schottky	Schottky	Schottky	Schottky
Package / Case	DO-214AC, SMA	DO-214AC, SMA	DO-214AC, SMA	DO-214AC, SMA
Operating Temperature - Junction	-65°C ~ 175°C	-65°C ~ 125°C	-55°C ~ 150°C	-55°C ~ 150°C
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Current - Reverse Leakage @ Vr	8 µA @ 100 V	2 mA @ 20 V	200 µA @ 60 V	300 µA @ 40 V
Voltage - Forward (Vf) (Max) @ If	790 mV @ 2 A	500 mV @ 3 A	510 mV @ 1 A	450 mV @ 3 A
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)	2A	3A	1A	3A
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	SMA	SMA	SMA	SMA

MBRA2H100T3G Datasheet PDF

Download MBRA2H100T3G pdf datasheets and onsemi documentation for MBRA2H100T3G - onsemi.

Datasheets

[MBR\(S,A\)2H100T3G.pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)

PCN Design/Specification

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

PCN Assembly/Origin

[Subcontractor Assembly Site 17/Dec/2021.pdf](#)

Customers Also Interested in

Recommended Products



MBRA3045NTU

Fairchild Semiconductor
RECTIFIER DIODE

MBRA3045NTU

onsemi
DIODE ARRAY SCHOTTKY 45V T03P

MBRA2H100

AMI Semiconductor/onsemi

MBRA340AT1G

AMI Semiconductor/onsemi

MBRA320T3G

onsemi
DIODE SCHOTTKY 20V 3A SMA

MBRA210T3G

AMI Semiconductor/onsemi



MBRA160T3G

onsemi
DIODE SCHOTTKY 60V 1A SMA



MBRA340T3

onsemi
DIODE SCHOTTKY 40V 3A SMA



MBRA1H100T3G

onsemi
DIODE SCHOTTKY 100V 1A SMA



MBRA360T3G

AMI Semiconductor/onsemi



MBRA340

AMI Semiconductor/onsemi



MBRA180LT3G

AMI Semiconductor/onsemi



MBRA210LT3

onsemi
DIODE SCHOTTKY 10V 2A SMA



MBRA240T1G

AMI Semiconductor/onsemi



MBRA210LT3G

onsemi
DIODE SCHOTTKY 10V 2A SMA



MBRA220T3G

AMI Semiconductor/onsemi



MBRA210ET3G

onsemi
DIODE SCHOTTKY 10V 2A SMA



MBRA340T3G

onsemi
DIODE SCHOTTKY 40V 3A SMA

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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 +00852 9146 4856 info@allelco.com

Certifications & Memberships



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