



Image may be representation.  
See specifications for product details.



## MBRA160T3G

Manufacturer Part Number	<b>MBRA160T3G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-MBRA160T3G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DIODE SCHOTTKY 60V 1A SMA
Package	DO-214AC, SMA
Data sheet	<b>MBRA160T3G, NRVBA160T3G.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MBRA160T3G - onsemi.New Original in Stock. Download Linear Technology MBRA160T3G datasheet/specifications on AllelcoElec.com.  
Request a quote for MBRA160T3G, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MBRA160T3G Tech Specifications  
MBRA160T3G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package	Tape & Reel (TR)
Voltage - Forward (Vf) (Max) @ If	510 mV @ 1 A	Operating Temperature - Junction	-55°C ~ 150°C
Voltage - DC Reverse (Vr) (Max)	60 V	Mounting Type	Surface Mount
Technology	Schottky	Current - Reverse Leakage @ Vr	200 µA @ 60 V
Supplier Device Package	SMA	Current - Average Rectified (Io)	1A
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Capacitance @ Vr, F	-
Series	-	Base Product Number	MBRA160
Package / Case	DO-214AC, SMA		

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MBRA160T3G

Product Attribute				
Part Number	MBRA160T3G	MBRA210ET3G	MBRA140T3	MBRA140TR
Manufacturer	onsemi	onsemi	onsemi	Vishay General Semiconductor - Diodes Division
Voltage - Forward (Vf) (Max) @ If	510 mV @ 1 A	500 mV @ 2 A	550 mV @ 1 A	550 mV @ 1 A
Current - Reverse Leakage @ Vr	200 µA @ 60 V	50 µA @ 10 V	500 µA @ 40 V	500 µA @ 40 V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Package / Case	DO-214AC, SMA	DO-214AC, SMA	DO-214AC, SMA	DO-214AC, SMA
Current - Average Rectified (Io)	1A	2A	1A	1A
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	MBRA160	MBRA210	MBRA140	MBRA1
Voltage - DC Reverse (Vr) (Max)	60 V	10 V	40 V	40 V
Series	-	-	-	-
Operating Temperature - Junction	-55°C ~ 150°C	-65°C ~ 150°C	-	-55°C ~ 150°C
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Technology	Schottky	Schottky	Schottky	Schottky
Supplier Device Package	SMA	SMA	SMA	DO-214AC (SMA)
Capacitance @ Vr, F	-	-	-	-

### MBRA160T3G Datasheet PDF

Download MBRA160T3G pdf datasheets and onsemi documentation for MBRA160T3G - onsemi.

#### Datasheets

[MBRA160T3G, NRVBA160T3G.pdf](#)

#### Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

#### PCN Design/Specification





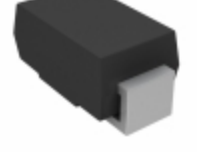













[Mult Devices 12/Jun/2018.pdf](#)

#### PCN Assembly/Origin

[Subcontractor Assembly Site 28/Jun/2021.pdf](#)

### Customers Also Interested in

#### Recommended Products

 <b>MBRA210ET3G</b> onsemi DIODE SCHOTTKY 10V 2A SMA	 <b>MBRA140LT3G</b> AMI Semiconductor/onsemi	 <b>MBRA130T3G</b> AMI Semiconductor/onsemi	 <b>MBRA140T3</b> onsemi DIODE SCHOTTKY 40V 1A SMA	 <b>MBRA140TR</b> Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 40V 1A DO214AC	 <b>MBRA150LT3G</b> AMI Semiconductor/onsemi
 <b>MBRA220T3G</b> AMI Semiconductor/onsemi	 <b>MBRA210LT3G</b> onsemi DIODE SCHOTTKY 10V 2A SMA	 <b>MBRA210LT3</b> onsemi DIODE SCHOTTKY 10V 2A SMA	 <b>MBRA1H100T3G</b> onsemi DIODE SCHOTTKY 100V 1A SMA	 <b>MBRA180LT3G</b> AMI Semiconductor/onsemi	 <b>MBRA140TRPBF</b> Electro-Films (EFI) / Vishay
 <b>MBRA210T3G</b> AMI Semiconductor/onsemi	 <b>MBRA130LT3G(B1L3)</b> AMI Semiconductor/onsemi	 <b>MBRA140T3G</b> onsemi DIODE SCHOTTKY 40V 1A SMA	 <b>MBRA2H100T3G</b> onsemi DIODE SCHOTTKY 100V 2A SMA	 <b>MBRA140</b> PLINGSEMIC	 <b>MBRA160T3</b> onsemi DIODE SCHOTTKY 60V 1A 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.

 Phone  
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## Certifications & Memberships



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