

Image may be representation.  
See specifications for product details.



## MBRS140LT3G

Manufacturer Part Number	<b>MBRS140LT3G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-MBRS140LT3G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DIODE SCHOTTKY 40V 1A SMB
Package	DO-214AA, SMB
Data sheet	<b>MBRS140LT3.pdf</b>

**Get a Quote**

MBRS140LT3G - onsemi.New Original in Stock. Download Linear Technology MBRS140LT3G datasheet/specifications on AllelcoElec.com.  
Request a quote for MBRS140LT3G, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MBRS140LT3G Tech Specifications

MBRS140LT3G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package	Tape & Reel (TR)
Voltage - Forward (Vf) (Max) @ If	500 mV @ 1 A	Operating Temperature - Junction	-55°C ~ 125°C
Voltage - DC Reverse (Vr) (Max)	40 V	Mounting Type	Surface Mount
Technology	Schottky	Current - Reverse Leakage @ Vr	400 µA @ 40 V
Supplier Device Package	SMB	Current - Average Rectified (Io)	1A
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Capacitance @ Vr, F	-
Series	-	Base Product Number	MBRS140
Package / Case	DO-214AA, SMB		

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MBRS140LT3G

Product Attribute				
Part Number	MBRS140LT3G	MBRS140	MBRS140LT3	MBRS140T3G
Manufacturer	onsemi	Fairchild Semiconductor	onsemi	onsemi
Current - Reverse Leakage @ Vr	400 µA @ 40 V	1 mA @ 40 V	400 µA @ 40 V	1 mA @ 40 V
Current - Average Rectified (Io)	1A	1A	1A	1A
Capacitance @ Vr, F	-	-	-	-
Base Product Number	MBRS140	MBRS140	MBRS140	MBRS140
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Technology	Schottky	Schottky	Schottky	Schottky
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Supplier Device Package	SMB	SMB (DO-214AA)	SMB	SMB
Package	Tape & Reel (TR)	Bulk	Tape & Reel (TR)	Tape & Reel (TR)
Package / Case	DO-214AA, SMB	DO-214AA, SMB	DO-214AA, SMB	DO-214AA, SMB
Series	-	-	-	-
Operating Temperature - Junction	-55°C ~ 125°C	-65°C ~ 125°C	-55°C ~ 125°C	-65°C ~ 125°C
Voltage - DC Reverse (Vr) (Max)	40 V	40 V	40 V	40 V
Voltage - Forward (Vf) (Max) @ If	500 mV @ 1 A	600 mV @ 1 A	500 mV @ 1 A	600 mV @ 1 A

### MBRS140LT3G Datasheet PDF

Download MBRS140LT3G pdf datasheets and onsemi documentation for MBRS140LT3G - onsemi.

#### Datasheets

[MBRS140LT3.pdf](#)

#### Environmental Information

[onsemi REACH.pdf](#)

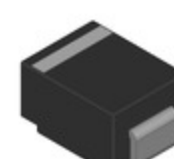
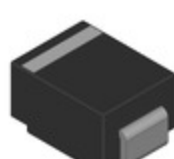
[onsemi RoHS.pdf](#)





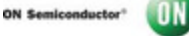


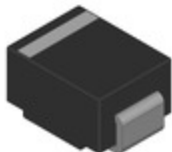




#### PCN Obsolescence/ EOL

[Multiple Devices 01/Jul/2009.pdf](#)

### Customers Also Interested in

#### Recommended Products



<b>MBRS140</b> Fairchild Semiconductor DIODE SCHOTTKY 40V 1A SMB	<b>MBRS140FSDKR</b> AMI Semiconductor/onsemi	<b>MBRS140LT3</b> onsemi DIODE SCHOTTKY 40V 1A SMB	<b>MBRS130L_NL</b> Fairchild (onsemi)	<b>MBRS140T3G</b> onsemi DIODE SCHOTTKY 40V 1A SMB	<b>MBRS140(TE85L)</b> TAEC Product (Toshiba Electronic Devices and Stora
					
<b>MBRS140TR</b> Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 40V 1A DO214AA	<b>MBRS130LTRPBF</b> Electro-Films (EFI) / Vishay	<b>MBRS15100CT</b> Taiwan Semiconductor Corporation 15A, 100V, SCHOTTKY RECTIFIER	<b>MBRS130T3</b> onsemi DIODE SCHOTTKY 30V 1A SMB	<b>MBRS130T3 B13</b> AMI Semiconductor/onsemi	<b>MBRS130T3G</b> onsemi DIODE SCHOTTKY 30V 1A SMB
					
<b>MBRS140TRPBF</b> Electro-Films (EFI) / Vishay	<b>MBRS140T3</b> onsemi DIODE SCHOTTKY 40V 1A SMB	<b>MBRS140_NL</b> Fairchild (onsemi)	<b>MBRS1535CT</b> Taiwan Semiconductor	<b>MBRS140</b> onsemi DIODE SCHOTTKY 40V 1A DO214AA	<b>MBRS140T3-LF</b> AMI Semiconductor/onsemi

## 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



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Procurement



Fast Sourcing &  
Delivery

Contact us if you have any questions.



Phone  
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info@allelco.com

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