

Image may be representation.  
See specifications for product details.



## MBRS1540T3

Manufacturer Part Number	<b>MBRS1540T3</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-MBRS1540T3
ECAD Model	Request Free CAD Models
Parts Description	DIODE SCHOTTKY 40V 1.5A SMB
Package	DO-214AA, SMB
Data sheet	<b>MBRS1540T3.pdf</b>

**Get a Quote**

MBRS1540T3 - onsemi.New Original in Stock. Download Linear Technology MBRS1540T3 datasheet/specifications on AllelcoElec.com.  
Request a quote for MBRS1540T3, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MBRS1540T3 Tech Specifications  
MBRS1540T3 - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package	Tape & Reel (TR)
Voltage - Forward (Vf) (Max) @ If	460 mV @ 1.5 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	800 µA @ 40 V
Supplier Device Package	SMB	Current - Average Rectified (Io)	1.5A
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Capacitance @ Vr, F	-
Series	-	Base Product Number	MBRS1540
Package / Case	DO-214AA, SMB		

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MBRS1540T3

Product Attribute				
Part Number	MBRS1540T3	MBRS1540T3G	MBRS140TR	MBRS140T3G
Manufacturer	onsemi	onsemi	Vishay General Semiconductor - Diodes Division	onsemi
Series	-	-	-	-
Base Product Number	MBRS1540	MBRS1540	MBRS1	MBRS140
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Voltage - DC Reverse (Vr) (Max)	40 V	40 V	40 V	40 V
Capacitance @ Vr, F	-	-	-	-
Current - Average Rectified (Io)	1.5A	1.5A	1A	1A
Voltage - Forward (Vf) (Max) @ If	460 mV @ 1.5 A	460 mV @ 1.5 A	600 mV @ 1 A	600 mV @ 1 A
Supplier Device Package	SMB	SMB	DO-214AA (SMB)	SMB
Package / Case	DO-214AA, SMB	DO-214AA, SMB	DO-214AA, SMB	DO-214AA, SMB
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Technology	Schottky	Schottky	Schottky	Schottky
Current - Reverse Leakage @ Vr	800 µA @ 40 V	800 µA @ 40 V	100 µA @ 40 V	1 mA @ 40 V
Operating Temperature - Junction	-55°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 150°C	-65°C ~ 125°C

### MBRS1540T3 Datasheet PDF

Download MBRS1540T3 pdf datasheets and onsemi documentation for MBRS1540T3 - onsemi.

#### Datasheets

[MBRS1540T3.pdf](#)

#### Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

#### PCN Obsolescence/ EOL

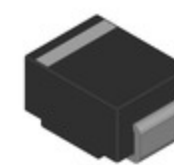
[Multiple Devices 27/Jun/2007.pdf](#)



















### Customers Also Interested in

#### Recommended Products



NO PICTURE



<b>MBR51560CT</b> Taiwan Semiconductor Corporation 15A, 60V, SCHOTTKY RECTIFIER 	<b>MBRS15H45CT MOS</b> Taiwan Semiconductor 	<b>MBRS1545CT T/R</b> Taiwan Semiconductor 	<b>MBRS15H45CT</b> Taiwan Semiconductor Corporation 15A, 45V, SCHOTTKY RECTIFIER 	<b>MBRS160</b> PLINGSEMIC 	<b>MBRS1540T3G</b> onsemi DIODE SCHOTTKY 40V 1.5A SMB 
<b>MBRS15100CT</b> Taiwan Semiconductor Corporation 15A, 100V, SCHOTTKY RECTIFIER 	<b>MBRS160T3G</b> AMI Semiconductor/onsemi 	<b>MBRS15H45CT RN</b> 	<b>MBRS1545CT</b> Taiwan Semiconductor Corporation DIODE ARRAY SCHOTTKY 45V TO263AB 	<b>MBRS140TR</b> Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 40V 1A DO214AA 	<b>MBRS1540</b> AMI Semiconductor/onsemi 
<b>MBRS140TRPBF</b> Electro-Films (EFI) / Vishay 	<b>MBRS140T3-LF</b> AMI Semiconductor/onsemi 	<b>MBRS140T3G</b> onsemi DIODE SCHOTTKY 40V 1A SMB 	<b>MBRS140_NL</b> Fairchild (onsemi) 	<b>MBRS1535CT</b> Taiwan Semiconductor 	<b>MBRS1560CTRN</b> 

## 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 Alleco 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.

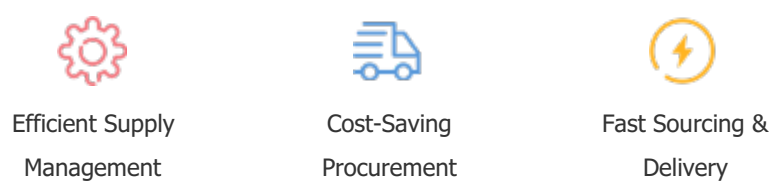
## Payment Support

The payment method can be chosen from the methods shown below:

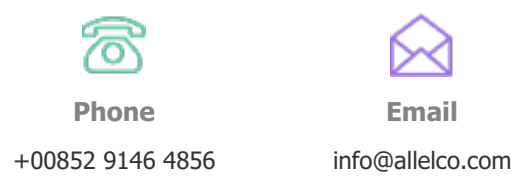
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



## Certifications & Memberships



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