



Image may be representation.  
See specifications for product details.



## MBRS540T3

Manufacturer Part Number	<b>MBRS540T3</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-MBRS540T3
ECAD Model	Request Free CAD Models
Parts Description	DIODE SCHOTTKY 40V 5A SMC
Package	DO-214AB, SMC
Data sheet	<b>MBRS540T3.pdf</b>

**Get a Quote**

MBRS540T3 - onsemi.New Original in Stock. Download Linear Technology MBR540T3 datasheet/specifications on AllelcoElec.com.  
Request a quote for MBR540T3, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MBRS540T3 Tech Specifications  
MBRS540T3 - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package / Case	DO-214AB, SMC
Voltage - Forward (Vf) (Max) @ If	500 mV @ 5 A	Package	Tape & Reel (TR)
Voltage - DC Reverse (Vr) (Max)	40 V	Mounting Type	Surface Mount
Technology	Schottky	Current - Reverse Leakage @ Vr	300 µA @ 40 V
Supplier Device Package	SMC	Current - Average Rectified (Io)	5A
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Capacitance @ Vr, F	-
Series	-	Base Product Number	MBRS540

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MBR540T3

Product Attribute				
Part Number	MBRS540T3	<b>MBRS410ET3G</b>	<b>MBRS410ET3</b>	<b>MBRS410LT3G</b>
Manufacturer	onsemi	onsemi	onsemi	onsemi
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Supplier Device Package	SMC	SMC	SMC	SMC
Current - Average Rectified (Io)	5A	4A	4A	4A
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
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
Current - Reverse Leakage @ Vr	300 µA @ 40 V	150 µA @ 10 V	150 µA @ 10 V	5 mA @ 10 V
Capacitance @ Vr, F	-	-	-	-
Voltage - DC Reverse (Vr) (Max)	40 V	10 V	10 V	10 V
Package / Case	DO-214AB, SMC	DO-214AB, SMC	DO-214AB, SMC	DO-214AB, SMC
Voltage - Forward (Vf) (Max) @ If	500 mV @ 5 A	500 mV @ 4 A	500 mV @ 4 A	330 mV @ 4 A
Base Product Number	MBRS540	MBRS410	MBRS410	MBRS410
Series	-	-	-	-

### MBRS540T3 Datasheet PDF

Download MBR540T3 pdf datasheets and onsemi documentation for MBR540T3 - onsemi.

#### Datasheets

[MBRS540T3.pdf](#)

#### Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

#### PCN Obsolescence/ EOL

[DK OBS NOTICE.pdf](#)

### Customers Also Interested in

#### Recommended Products



**MBRS410ET3G**  
onsemi  
DIODE SCHOTTKY 10V 4A SMC



**MBRS410ET3**  
onsemi  
DIODE SCHOTTKY 10V 4A SMC



**MBRS410LT3G**  
onsemi  
DIODE SCHOTTKY 10V 4A SMC



**MBRS4201T3G**  
onsemi  
DIODE SCHOTTKY 200V 4A SMC



**MBRT12080**  
GeneSiC Semiconductor  
DIODE MODULE 80V 60A 3TOWER



**MBRS6040CT-02 RN**  
Taiwan Semiconductor



### MBRS4201T1G

AMI Semiconductor/onsemi

### MBR360TRPBF

IR

### MBRT200150

GeneSiC Semiconductor  
DIODE SCHOTTKY 150V 100A 3  
TOWER

### MBRS520T3G

AMI Semiconductor/onsemi

### MBRS4201

AMI Semiconductor/onsemi

### MBRS560T3G

AMI Semiconductor/onsemi



### MBRT12090

IXFN  
IGBT Module

### MBRS540CG

FIRST

### MBRS540T3G

onsemi  
DIODE SCHOTTKY 40V 5A SMC

### MBRT12040

GeneSiC Semiconductor  
DIODE MODULE 40V 60A 3TOWER

### MBRS6040CT

Taiwan Semiconductor  
Corporation  
DIODE SCHOTTKY 40V 60A TO263AB

### MBRT200100

GeneSiC Semiconductor  
DIODE MODULE 100V 100A 3TOWER

## 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  
info@allelco.com

## Certifications & Memberships



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