



Image may be representation.  
See specifications for product details.



## MBR1545CT

Manufacturer Part Number	<b>MBR1545CT</b>
Manufacturer	<b>Vishay General Semiconductor – Diodes Division</b>
Allelco Part Number	32D-MBR1545CT
ECAD Model	Request Free CAD Models
Parts Description	DIODE ARRAY SCHOTTKY 45V TO220AB
Package	TO-220-3
Data sheet	<b>MBR15(35,45)CT.pdf</b>

**Get a Quote**

MBR1545CT - Vishay General Semiconductor - Diodes Division. New Original in Stock. Download Linear Technology MBR1545CT datasheet/specifications on AllelcoElec.com.  
Request a quote for MBR1545CT, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MBR1545CT Tech Specifications  
MBR1545CT - Vishay General Semiconductor - Diodes Division technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Vishay General Semiconductor – Diodes Division	Package	Tube
Voltage - Forward (Vf) (Max) @ If	840 mV @ 15 A	Operating Temperature - Junction	-65°C ~ 175°C
Voltage - DC Reverse (Vr) (Max)	45 V	Mounting Type	Through Hole
Technology	Schottky	Diode Configuration	1 Pair Common Cathode
Supplier Device Package	TO-220-3	Current - Reverse Leakage @ Vr	100 µA @ 45 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Current - Average Rectified (Io) (per Diode)	7.5A
Series	-	Base Product Number	MBR15
Package / Case	TO-220-3		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay General Semiconductor - Diodes Division MBR1545CT

Product Attribute				
Part Number	MBR1545CT	MBR1545CT	MBR1535CT	MBR1545CT
Manufacturer	Vishay General Semiconductor - Diodes Division	Taiwan Semiconductor Corporation	Vishay General Semiconductor - Diodes Division	Solid State Inc.
Current - Reverse Leakage @ Vr	100 µA @ 45 V	500 µA @ 45 V	100 µA @ 35 V	-
Technology	Schottky	Schottky	Schottky	Schottky
Supplier Device Package	TO-220-3	TO-220AB	TO-220-3	TO-220
Current - Average Rectified (Io) (per Diode)	7.5A	15A	7.5A	15A
Voltage - Forward (Vf) (Max) @ If	840 mV @ 15 A	840 mV @ 15 A	840 mV @ 15 A	-
Diode Configuration	1 Pair Common Cathode	1 Pair Common Cathode	1 Pair Common Cathode	2 Independent
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole
Operating Temperature - Junction	-65°C ~ 175°C	-55°C ~ 150°C	-65°C ~ 150°C	-
Package / Case	TO-220-3	TO-220-3	TO-220-3	TO-220-3
Voltage - DC Reverse (Vr) (Max)	45 V	45 V	35 V	45 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Package	Tube	Tube	Tube	Bulk
Base Product Number	MBR15	MBR1545	MBR15	-
Series	-	-	-	-

### MBR1545CT Datasheet PDF

Download MBR1545CT pdf datasheets and Vishay General Semiconductor - Diodes Division documentation for MBR1545CT - Vishay General Semiconductor - Diodes Division.

#### Datasheets

[MBR15\(35,45\)CT.pdf](#)

#### Other Related Documents

[Packaging Information.pdf](#)

### Customers Also Interested in

#### Recommended Products



**MBR1545CT**

Taiwan Semiconductor Corporation  
DIODE ARRAY SCHOTTKY 45V TO220AB



**MBR1545CTP**

AMI Semiconductor/onsemi



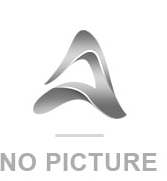
**MBR1535CT**

Vishay General Semiconductor - Diodes Division  
DIODE ARRAY SCHOTTKY 35V TO220AB



**MBR1545CT-H**

TEK



**MBR1545CT**

Solid State Inc.  
15 AMP SCHOTTKY T0200AB



**MBR1535CT**

onsemi  
DIODE ARRAY SCHOTTKY 35V TO220AB



### MBR1540CT

Diodes Incorporated  
DIODE ARRAY SCHOTTKY 40V  
TO220AB

### MBR1535CT

SMC Diode Solutions  
DIODE SCHOTTKY 35V 15A TO220AB

### MBR1545CT-E3/45

Vishay General Semiconductor -  
Diodes Division  
DIODE ARRAY SCHOTTKY 45V  
TO220AB

### MBR1535CT

Fairchild Semiconductor  
RECTIFIER, SCHOTTKY, 1 PHASE, 2

### MBR1545CT

Fairchild Semiconductor  
RECTIFIER, SCHOTTKY, 1 PHASE, 2

### MBR1545CT

onsemi  
DIODE ARRAY SCHOTTKY 45V  
TO220AB



### MBR1545CT

Diodes Incorporated  
DIODE ARRAY SCHOTTKY 45V  
TO220AB



### MBR1545CTG

onsemi  
DIODE ARRAY SCHOTTKY 45V  
TO220AB



### MBR1535CT

Diodes Incorporated  
DIODE ARRAY SCHOTTKY 35V  
TO220AB



### MBR1545CT

SMC Diode Solutions  
DIODE ARRAY SCHOTTKY 45V  
TO220AB



NO PICTURE

### MBR1535CTPBF

IR



### MBR1535CTG

onsemi  
DIODE ARRAY SCHOTTKY 35V  
TO220AB

## 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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Email

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## Certifications & Memberships



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