



Image may be representation.
See specifications for product details.



MBRB2545CTT4G

Manufacturer Part Number	MBRB2545CTT4G
Manufacturer	onsemi
Allelco Part Number	32D-MBRB2545CTT4G
ECAD Model	Request Free CAD Models
Parts Description	DIODE ARRAY SCHOTTKY 45V D2PAK
Package	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB
Data sheet	MBRB2545CTG, SBRB2545CTG.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MBRB2545CTT4G - onsemi.New Original in Stock. Download Linear Technology MBRB2545CTT4G datasheet/specifications on AllelcoElec.com.
Request a quote for MBRB2545CTT4G, please send us email: info@allelco.com

Specifications

MBRB2545CTT4G Tech Specifications

MBRB2545CTT4G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package	Tape & Reel (TR)
Voltage - Forward (Vf) (Max) @ If	820 mV @ 30 A	Operating Temperature - Junction	-65°C ~ 175°C
Voltage - DC Reverse (Vr) (Max)	45 V	Mounting Type	Surface Mount
Technology	Schottky	Diode Configuration	1 Pair Common Cathode
Supplier Device Package	D ² PAK	Current - Reverse Leakage @ Vr	200 µA @ 45 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Current - Average Rectified (Io) (per Diode)	15A
Series	SWITCHMODE™	Base Product Number	MBRB2545
Package / Case	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MBRB2545CTT4G

Product Attribute				
Part Number	MBRB2545CTT4G	MBRB2545CTG	MBRB25H45CTHE3/81	MBRB30100CT
Manufacturer	onsemi	onsemi	Vishay General Semiconductor - Diodes Division	Yangjie Technology
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - DC Reverse (Vr) (Max)	45 V	45 V	45 V	100 V
Current - Reverse Leakage @ Vr	200 µA @ 45 V	200 µA @ 45 V	100 µA @ 45 V	100 µA @ 100 V
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Series	SWITCHMODE™	SWITCHMODE™	Automotive, AEC-Q101	-
Base Product Number	MBRB2545	MBRB2545	MBRB25	-
Technology	Schottky	Schottky	Schottky	Schottky
Package / Case	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB
Supplier Device Package	D ² PAK	D ² PAK	TO-263AB (D ² PAK)	D2PAK
Diode Configuration	1 Pair Common Cathode	1 Pair Common Cathode	1 Pair Common Cathode	1 Pair Common Cathode
Operating Temperature - Junction	-65°C ~ 175°C	-65°C ~ 175°C	-65°C ~ 175°C	-55°C ~ 150°C
Current - Average Rectified (Io) (per Diode)	15A	15A	15A	30A
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Voltage - Forward (Vf) (Max) @ If	820 mV @ 30 A	820 mV @ 30 A	640 mV @ 15 A	850 mV @ 15 A

MBRB2545CTT4G Datasheet PDF

Download MBRB2545CTT4G pdf datasheets and onsemi documentation for MBRB2545CTT4G - onsemi.

Datasheets

[MBRB2545CTG, SBRB2545CTG.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

PCN Design/Specification

[Cancellation 13/Aug/2020.pdf](#)

[Mult Devices 14/Jul/2019.pdf](#)

PCN Assembly/Origin

[Mult Dev 14/Dec/2022.pdf](#)

Customers Also Interested in

Recommended Products



MBRB2545G

AMI Semiconductor/onsemi

MBRB2545CT/31

Electro-Films (EFI) / Vishay

MBRB25H45CT

Electro-Films (EFI) / Vishay

MBRB2545CTG

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DIODE ARRAY SCHOTTKY 45V
D2PAK

MBRB2545CTHE3/81

Electro-Films (EFI) / Vishay

MBRB25H45CTHE3/81

Vishay General Semiconductor -
Diodes Division
DIODE ARRAY SCHOTTKY 45V
TO263AB



NO PICTURE



NO PICTURE



MBRB30100CT

Yangjie Technology
Diodes - Rectifiers - Single TO-

MBRB30100CT

SMC Diode Solutions
DIODE ARRAY SCHOTTKY 100V
D2PAK

MBRB2560CT

IR

MBRB2545CT

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DIODE ARRAY SCHOTTKY 45V
D2PAK

MBRB2545CT-E3

Electro-Films (EFI) / Vishay

MBRB2560CT-E3/81

Vishay General Semiconductor -
Diodes Division
DIODE ARRAY SCHOTTKY 60V
TO263AB



NO PICTURE

MBRB2545CTTRL

Vishay General Semiconductor -
Diodes Division
DIODE ARRAY SCHOTTKY 45V
D2PAK

MBRB2545CT-E3/81

Vishay General Semiconductor -
Diodes Division
DIODE ARRAY SCHOTTKY 45V
TO263AB

MBRB2545CT-G

Sensirion

MBRB2545CTHE3

Electro-Films (EFI) / Vishay

MBRB2545CTT4

onsemi
DIODE ARRAY SCHOTTKY 45V
D2PAK

MBRB2545CTPBF

IR

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
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Certifications & Memberships



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