



Image may be representation.
See specifications for product details.



MBRS3100T3

Manufacturer Part Number	MBRS3100T3
Manufacturer	onsemi
Allelco Part Number	32D-MBRS3100T3
ECAD Model	Request Free CAD Models
Parts Description	DIODE SCHOTTKY 100V 3A SMC
Package	DO-214AB, SMC
Data sheet	SMC Pkg Drawing.pdf MBRS3100T3.pdf

Get a Quote

MBRS3100T3 - onsemi.New Original in Stock. Download Linear Technology MBRS3100T3 datasheet/specifications on AllelcoElec.com.
Request a quote for MBRS3100T3, please send us email: info@allelco.com

Specifications

MBRS3100T3 Tech Specifications
MBRS3100T3 - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package	Tape & Reel (TR)
Voltage - Forward (Vf) (Max) @ If	790 mV @ 3 A	Operating Temperature - Junction	-65°C ~ 175°C
Voltage - DC Reverse (Vr) (Max)	100 V	Mounting Type	Surface Mount
Technology	Schottky	Current - Reverse Leakage @ Vr	50 µA @ 100 V
Supplier Device Package	SMC	Current - Average Rectified (Io)	3A
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Capacitance @ Vr, F	-
Series	-	Base Product Number	MBRS3100
Package / Case	DO-214AB, SMC		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MBRS3100T3

Product Attribute				
Part Number	MBRS3100T3	MBRS260T3G	MBRS3200T3G	MBRS3100T3G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Capacitance @ Vr, F	-	-	-	-
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Current - Reverse Leakage @ Vr	50 µA @ 100 V	200 µA @ 60 V	1 mA @ 200 V	50 µA @ 100 V
Technology	Schottky	Schottky	Schottky	Schottky
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Supplier Device Package	SMC	SMB	SMB	SMC
Base Product Number	MBRS3100	MBRS260	MBRS3200	MBRS3100
Package / Case	DO-214AB, SMC	DO-214AA, SMB	DO-214AA, SMB	DO-214AB, SMC
Current - Average Rectified (Io)	3A	2A	3A	3A
Voltage - DC Reverse (Vr) (Max)	100 V	60 V	200 V	100 V
Series	-	-	-	-
Operating Temperature - Junction	-65°C ~ 175°C	-55°C ~ 125°C	-65°C ~ 175°C	-65°C ~ 175°C
Voltage - Forward (Vf) (Max) @ If	790 mV @ 3 A	630 mV @ 2 A	840 mV @ 3 A	790 mV @ 3 A

MBRS3100T3 Datasheet PDF

Download MBRS3100T3 pdf datasheets and onsemi documentation for MBRS3100T3 - onsemi.

Datasheets

- [SMC Pkg Drawing.pdf](#)
- [MBRS3100T3.pdf](#)

Environmental Information

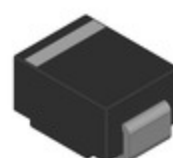
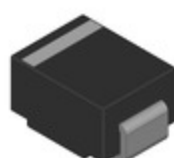
- [onsemi RoHS.pdf](#)



















PCN Obsolescence/ EOL

- [Multiple Devices 03/Jan/2008.pdf](#)

Customers Also Interested in

Recommended Products



MBRS25H45CT Taiwan Semiconductor Corporation 25A, 45V, SCHOTTKY RECTIFIER 	MBRS3200TS AMI Semiconductor/onsemi 	MBRS260T3G onsemi DIODE SCHOTTKY 60V 2A SMB 	MBRS3200T3G onsemi DIODE SCHOTTKY 200V 3A SMB 	MBRS3100T3G onsemi DIODE SCHOTTKY 100V 3A SMC 	MBRS30H45CT Taiwan Semiconductor Corporation 30A, 45V, SCHOTTKY RECTIFIER 
MBRS3100PT3G onsemi DIODE SCHOTTKY 100V 3A SMC 	MBRS320 onsemi DIODE SCHOTTKY 20V 4A SMC 	MBRS3201 AMI Semiconductor/onsemi 	MBRS2545CT Taiwan Semiconductor Corporation 25A, 45V, SCHOTTKY RECTIFIER 	MBRS3200-G Sensirion 	MBRS260T3 onsemi DIODE SCHOTTKY 60V 2A SMB 
MBRS3200BG FIRST 	MBRS320 Fairchild Semiconductor DIODE SCHOTTKY 20V 4A SMC 	MBRS2H100 AMI Semiconductor/onsemi 	MBRS2H100T3G onsemi DIODE SCHOTTKY 100V 2A SMB 	MBRS3200T3 onsemi DIODE SCHOTTKY 3A 200V SMB 	MBRS3200 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
 Cost-Saving Procurement
 Fast Sourcing & Delivery

Contact us if you have any questions.

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 info@allelco.com

Certifications & Memberships



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