



Image may be representation.
See specifications for product details.

MBRM120LT3G

Manufacturer Part Number	MBRM120LT3G
Manufacturer	onsemi
Allelco Part Number	32D-MBRM120LT3G
ECAD Model	PCB Footprint and Symbol
Parts Description	DIODE SCHOTTKY 20V 1A POWERMITE
Package	DO-216AA
Data sheet	MBRM120L.pdf
RoHs Status	ROHS3 Compliant

Get a Quote



MBRM120LT3G - onsemi.New Original in Stock. Download Linear Technology MBRM120LT3G datasheet/specifications on AllelcoElec.com.
Request a quote for MBRM120LT3G, please send us email: info@allelco.com

Specifications

MBRM120LT3G Tech Specifications

MBRM120LT3G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package	Tape & Reel (TR)
Voltage - Forward (Vf) (Max) @ If	450 mV @ 1 A	Operating Temperature - Junction	-55°C ~ 125°C
Voltage - DC Reverse (Vr) (Max)	20 V	Mounting Type	Surface Mount
Technology	Schottky	Current - Reverse Leakage @ Vr	400 µA @ 20 V
Supplier Device Package	Powermite	Current - Average Rectified (Io)	1A
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Capacitance @ Vr, F	-
Series	-	Base Product Number	MBRM120
Package / Case	DO-216AA		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MBRM120LT3G

Product Attribute				
Part Number	MBRM120LT3G	MBRM130LT1	MBRM120ET3G	MBRM120LT3
Manufacturer	onsemi	onsemi	onsemi	onsemi
Package / Case	DO-216AA	DO-216AA	DO-216AA	DO-216AA
Voltage - DC Reverse (Vr) (Max)	20 V	30 V	20 V	20 V
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	400 µA @ 20 V	410 µA @ 30 V	10 µA @ 20 V	400 µA @ 20 V
Operating Temperature - Junction	-55°C ~ 125°C	-55°C ~ 150°C	-65°C ~ 150°C	-
Base Product Number	MBRM120	MBRM130	MBRM120	MBRM120
Voltage - Forward (Vf) (Max) @ If	450 mV @ 1 A	380 mV @ 1 A	530 mV @ 1 A	450 mV @ 1 A
Technology	Schottky	Schottky	Schottky	Schottky
Series	-	-	-	-
Current - Average Rectified (Io)	1A	1A	1A	1A
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	Powermite	Powermite	Powermite	Powermite

MBRM120LT3G Datasheet PDF

Download MBRM120LT3G pdf datasheets and onsemi documentation for MBRM120LT3G - onsemi.

Datasheets

[MBRM120L.pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)

PCN Design/Specification

[Metal Chg/Die Shrink Upd 22/Sep/2016.pdf](#)

Customers Also Interested in

Recommended Products



MBRM130LT1onsemi
DIODE SCHOTTKY 30V 1A
POWERMITE**MBRM120ET3G**onsemi
DIODE SCHOTTKY 20V 1A
POWERMITE**MBRM120LT4-RO****MBRM120ELT1G**

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**MBRM120LT3**onsemi
DIODE SCHOTTKY 1A 20V
POWERMITE**MBRM130LT1G**onsemi
DIODE SCHOTTKY 30V 1A
POWERMITE**MBRM130LT1H**onsemi
DIODE SCHOTTKY 30V 1A
POWERMITE**MBRM120LT1G**onsemi
DIODE SCHOTTKY 20V 1A
POWERMITE**MBRM120T3**

AMI Semiconductor/onsemi

**MBRM120**

AMI Semiconductor/onsemi

**MBRM120ET3**onsemi
DIODE SCHOTTKY 20V 1A
POWERMITE**MBRM120ELT1**

AMI Semiconductor/onsemi

**MBRM120ET1**onsemi
DIODE SCHOTTKY 20V 1A
POWERMITE**MBRM120LT1**onsemi
DIODE SCHOTTKY 20V 1A
POWERMITE**MBRM120ET1G**onsemi
DIODE SCHOTTKY 20V 1A
POWERMITE**MBRM130LT3G**onsemi
DIODE SCHOTTKY 30V 1A
POWERMITE**MBRM120LT4**

AMI Semiconductor/onsemi

MBRM130L

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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Email
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Certifications & Memberships



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