



Image may be representation.
See specifications for product details.



MBRM120ET3G

| | |
|--------------------------|---------------------------------|
| Manufacturer Part Number | MBRM120ET3G |
| Manufacturer | onsemi |
| Allelco Part Number | 32D-MBRM120ET3G |
| ECAD Model | PCB Symbol, Footprint & 3D Mode |
| Parts Description | DIODE SCHOTTKY 20V 1A POWERMITE |
| Package | DO-216AA |
| Data sheet | MBRM120E.pdf |
| RoHs Status | ROHS3 Compliant |

Get a Quote

MBRM120ET3G - onsemi.New Original in Stock. Download Linear Technology MBRM120ET3G datasheet/specifications on AllelcoElec.com.
Request a quote for MBRM120ET3G, please send us email: info@allelco.com

Specifications

MBRM120ET3G Tech Specifications

MBRM120ET3G - onsemi technical specifications, attributes, parameters

| Product Attribute | Attribute Value | Product Attribute | Attribute Value |
|-----------------------------------|--------------------------------------|----------------------------------|------------------|
| Manufacturer | onsemi | Package | Tape & Reel (TR) |
| Voltage - Forward (Vf) (Max) @ If | 530 mV @ 1 A | Operating Temperature - Junction | -65°C ~ 150°C |
| Voltage - DC Reverse (Vr) (Max) | 20 V | Mounting Type | Surface Mount |
| Technology | Schottky | Current - Reverse Leakage @ Vr | 10 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 MBRM120ET3G

| Product Attribute | | | | |
|-----------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| Part Number | MBRM120ET3G | MBRM120LT1 | MBRM120ET3 | MBRM110LT3G |
| Manufacturer | onsemi | onsemi | onsemi | onsemi |
| Voltage - DC Reverse (Vr) (Max) | 20 V | 20 V | 20 V | 10 V |
| Series | - | - | - | - |
| Package | Tape & Reel (TR) | Tape & Reel (TR) | Tape & Reel (TR) | Tape & Reel (TR) |
| Operating Temperature - Junction | -65°C ~ 150°C | - | -65°C ~ 150°C | -55°C ~ 125°C |
| Supplier Device Package | Powermite | Powermite | Powermite | Powermite |
| Technology | Schottky | Schottky | Schottky | Schottky |
| Package / Case | DO-216AA | DO-216AA | DO-216AA | DO-216AA |
| Base Product Number | MBRM120 | MBRM120 | MBRM120 | MBRM110 |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Surface Mount |
| Current - Average Rectified (Io) | 1A | 1A | 1A | 1A |
| Capacitance @ Vr, F | - | - | - | - |
| 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 | 530 mV @ 1 A | 450 mV @ 1 A | 530 mV @ 1 A | 365 mV @ 1 A |
| Current - Reverse Leakage @ Vr | 10 µA @ 20 V | 400 µA @ 20 V | 10 µA @ 20 V | 500 µA @ 10 V |

MBRM120ET3G Datasheet PDF

Download MBRM120ET3G pdf datasheets and onsemi documentation for MBRM120ET3G - onsemi.

Datasheets

[MBRM120E.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)






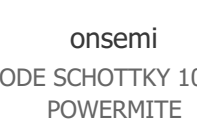

PCN Design/Specification

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

Customers Also Interested in

Recommended Products



| | | | | | |
|--|---|--|--|---|---|
| MBRM120LT1 onsemi DIODE SCHOTTKY 20V 1A POWERMITE  | MBRM120ELT1G AMI Semiconductor/onsemi  | MBRM120ET3 onsemi DIODE SCHOTTKY 20V 1A POWERMITE  | MBRM110LT3G onsemi DIODE SCHOTTKY 10V 1A POWERMITE  | MBRM130LT1 onsemi DIODE SCHOTTKY 30V 1A POWERMITE  | MBRM110LT1G onsemi DIODE SCHOTTKY 10V 1A POWERMITE  |
| MBRM120ET1 onsemi DIODE SCHOTTKY 20V 1A POWERMITE  | MBRM120LT1G onsemi DIODE SCHOTTKY 20V 1A POWERMITE  | MBRM120T3 AMI Semiconductor/onsemi  | MBRM110LT1 onsemi DIODE SCHOTTKY 10V 1A POWERMITE  | MBRM120ET1G onsemi DIODE SCHOTTKY 20V 1A POWERMITE  | MBRM120LT3G onsemi DIODE SCHOTTKY 20V 1A POWERMITE  |
| MBRM120ELT1 AMI Semiconductor/onsemi | MBRM120LT3 onsemi DIODE SCHOTTKY 1A 20V POWERMITE  | MBRM110ET3 onsemi DIODE SCHOTTKY 10V 1A POWERMITE  | MBRM120LT4-RO  | MBRM130L AMI Semiconductor/onsemi | MBRM120 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.

 Phone
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Certifications & Memberships



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