



Image may be representation.  
See specifications for product details.



## VS-MUR2020CT-M3

Manufacturer Part Number **VS-MUR2020CT-M3**

Manufacturer **Vishay General Semiconductor – Diodes Division**

Allelco Part Number **32D-VS-MUR2020CT-M3**

ECAD Model Request Free CAD Models

Parts Description **DIODE FRED 200V 10A TO220AB**

Package **TO-220-3**

Data sheet **VS-MUR2020CT-M3.pdf**

RoHs Status **ROHS3 Compliant**

**Get a Quote**

VS-MUR2020CT-M3 - Vishay General Semiconductor - Diodes Division. New Original in Stock. Download Linear Technology VS-MUR2020CT-M3 datasheet/specifications on AllelcoElec.com.

Request a quote for VS-MUR2020CT-M3, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

VS-MUR2020CT-M3 Tech Specifications

VS-MUR2020CT-M3 - Vishay General Semiconductor - Diodes Division technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Vishay General Semiconductor – Diodes Division	Package / Case	TO-220-3
Voltage - Forward (Vf) (Max) @ If	1.15 V @ 16 A	Package	Tube
Voltage - DC Reverse (Vr) (Max)	200 V	Operating Temperature - Junction	-65°C ~ 175°C
Technology	Standard	Mounting Type	Through Hole
Supplier Device Package	TO-220-3	Diode Configuration	1 Pair Common Cathode
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Current - Reverse Leakage @ Vr	15 µA @ 200 V
Series	FRED Pt®	Current - Average Rectified (Io) (per Diode)	10A
Reverse Recovery Time (trr)	35 ns	Base Product Number	MUR2020

## Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay General Semiconductor - Diodes Division VS-MUR2020CT-M3

Product Attribute				
Part Number	VS-MUR2020CT-M3	VS-MURD620CTHM3	VS-MURD620CT-M3	VS-MURB1620CTTRRP
Manufacturer	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division
Reverse Recovery Time (trr)	35 ns	35 ns	19 ns	35 ns
Current - Reverse Leakage @ Vr	15 µA @ 200 V	5 µA @ 200 V	5 µA @ 200 V	5 µA @ 200 V
Base Product Number	MUR2020	MURD620	MURD620	MURB1620
Voltage - DC Reverse (Vr) (Max)	200 V	200 V	200 V	200 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Package / Case	TO-220-3	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-263-3, D <sup>2</sup> Pak (2 Leads + Tab), TO-263AB
Diode Configuration	1 Pair Common Cathode	1 Pair Common Cathode	1 Pair Common Cathode	1 Pair Common Cathode
Mounting Type	Through Hole	Surface Mount	Surface Mount	Surface Mount
Series	FRED Pt®	Automotive, AEC-Q101, FRED Pt®	FRED Pt®	FRED Pt®
Voltage - Forward (Vf) (Max) @ If	1.15 V @ 16 A	1 V @ 3 A	1.2 V @ 6 A	975 mV @ 8 A
Operating Temperature - Junction	-65°C ~ 175°C	-65°C ~ 175°C	-65°C ~ 175°C	-65°C ~ 175°C
Current - Average Rectified (Io) (per Diode)	10A	3A	6A	8A
Technology	Standard	Standard	Standard	Standard
Package	Tube	Tube	Tube	Tape & Reel (TR)
Supplier Device Package	TO-220-3	D-PAK (TO-252AA)	D-PAK (TO-252AA)	TO-263AB (D <sup>2</sup> PAK)

## VS-MUR2020CT-M3 Datasheet PDF

Download VS-MUR2020CT-M3 pdf datasheets and Vishay General Semiconductor - Diodes Division documentation for VS-MUR2020CT-M3 - Vishay General Semiconductor - Diodes Division.

### Datasheets

VS-MUR2020CT-M3.pdf

### Other Related Documents

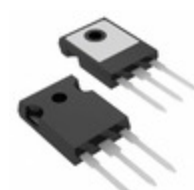
Packaging Information.pdf

### PCN Assembly/Origin

Wafer Changes 19/Dec/2022.pdf

## Customers Also Interested in

### Recommended Products

**VS-MURD620CTHM3**Vishay General Semiconductor - Diodes Division  
DIODE STANDARD 200V 3A DPAK**VS-MURD620CT-M3**Vishay General Semiconductor - Diodes Division  
DIODE ARRAY GP 200V 6A TO252AA**VS-MURB1620CTTRP**Vishay General Semiconductor - Diodes Division  
DIODE ARRAY GP 200V 8A D2PAK**VS-MUR3020WTPBF**Vishay General Semiconductor - Diodes Division  
DIODE ARRAY GP 200V 15A TO247AC**VS-MUR820PBF**Vishay General Semiconductor - Diodes Division  
DIODE GP REV 200V 8A TO220AC**VS-MBRS140TRPBF**Vishay General Semiconductor - Diodes Division  
DIODE SCHOTTKY 40V 1A DO214AA**VS-MBRS340-M3/9AT**Vishay General Semiconductor - Diodes Division  
DIODE SCHOTTKY 40V 3A DO214AB**VS-MBRS190TRPBF**Vishay General Semiconductor - Diodes Division  
DIODE SCHOTTKY 90V 1A DO214AA**VS-MBRS130TRPBF**Vishay General Semiconductor - Diodes Division  
DIODE SCHOTTKY 30V 1A DO214AA**VS-MUR1020CT-N3**Vishay General Semiconductor - Diodes Division  
DIODE STANDARD 200V 5A TO220AB**VS-MUR1620CTPBF**Vishay General Semiconductor - Diodes Division  
DIODE ARRAY GP 200V 8A TO220AB**VS-MURB2020CTPBF**Vishay General Semiconductor - Diodes Division  
DIODE ARRAY GP 200V 10A D2PAK**VS-MURB2020CTLHM3**Vishay General Semiconductor - Diodes Division  
DIODE STANDARD 200V 10A D2PAK**VS-MBRS340TRPBF**Vishay General Semiconductor - Diodes Division  
DIODE SCHOTTKY 40V 3A DO214AB**VS-MBRS360TRPBF**Vishay General Semiconductor - Diodes Division  
DIODE SCHOTTKY 60V 3A DO214AB**VS-MURD620CTTRLPBF**Vishay General Semiconductor - Diodes Division  
DIODE STANDARD 200V 3A DPAK**VS-MURB2020CT-M3**Vishay General Semiconductor - Diodes Division  
DIODE ARRAY GP 200V 10A D2PAK**VS-MBRS320TRPBF**Vishay General Semiconductor - Diodes Division  
DIODE SCHOTTKY 20V 3A DO214AA

## 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 Alleco 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.

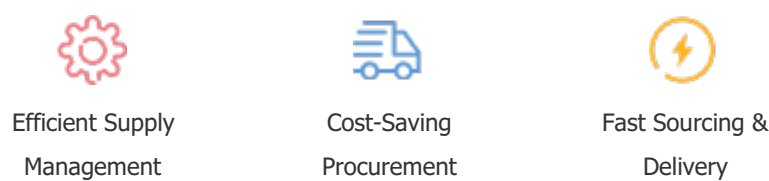
Contact us if you have any questions.

## Payment Support

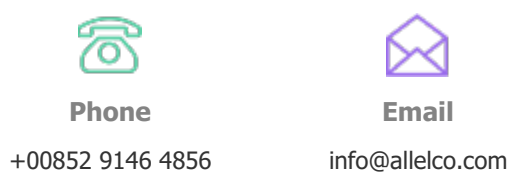
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



## Certifications & Memberships



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