



## VS-20ETS12-M3

Manufacturer Part Number	<b>VS-20ETS12-M3</b>
Manufacturer	<b>Vishay General Semiconductor – Diodes Division</b>
Allelco Part Number	32D-VS-20ETS12-M3
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	DIODE GEN PURP 1.2KV 20A TO220AC
Package	TO-220-2
Data sheet	<a href="#">VS-20(A,E)TS(08,12)PbF/-M3.pdf</a>
RoHs Status	ROHS3 Compliant



**Get a Quote**

VS-20ETS12-M3 - Vishay General Semiconductor - Diodes Division. New Original in Stock. Download Linear Technology VS-20ETS12-M3 datasheet/specifications on AllelcoElec.com.  
Request a quote for VS-20ETS12-M3, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

VS-20ETS12-M3 Tech Specifications

VS-20ETS12-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	Tube
Voltage - Forward (Vf) (Max) @ If	1 V @ 10 A	Operating Temperature - Junction	-40°C ~ 150°C
Voltage - DC Reverse (Vr) (Max)	1200 V	Mounting Type	Through Hole
Technology	Standard	Current - Reverse Leakage @ Vr	100 µA @ 1200 V
Supplier Device Package	TO-220AC	Current - Average Rectified (Io)	20A
Speed	Standard Recovery >500ns, > 200mA (Io)	Capacitance @ Vr, F	-
Series	-	Base Product Number	20ETS12
Package / Case	TO-220-2		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay General Semiconductor - Diodes Division VS-20ETS12-M3

Product Attribute				
Part Number	VS-20ETS12-M3	<a href="#">VS-20ETF06STRLPBF</a>	<a href="#">VS-20L15TSTRLPBF</a>	<a href="#">VS-20MQ060NPBF</a>
Manufacturer	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division
Current - Reverse Leakage @ Vr	100 µA @ 1200 V	100 µA @ 600 V	10 mA @ 15 V	50 µA @ 600 V
Base Product Number	20ETS12	20ETF06	20L15	20MQ060
Operating Temperature - Junction	-40°C ~ 150°C	-40°C ~ 150°C	-55°C ~ 125°C	-55°C ~ 150°C
Series	-	-	-	-
Capacitance @ Vr, F	-	-	-	31pF @ 10V, 1MHz
Speed	Standard Recovery >500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Supplier Device Package	TO-220AC	TO-263AB (D <sup>2</sup> PAK)	TO-263AB (D <sup>2</sup> PAK)	DO-214AC (SMA)
Voltage - DC Reverse (Vr) (Max)	1200 V	600 V	15 V	60 V
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Bulk
Mounting Type	Through Hole	Surface Mount	Surface Mount	Surface Mount
Voltage - Forward (Vf) (Max) @ If	1 V @ 10 A	1.05 V @ 15 A	410 mV @ 19 A	780 mV @ 2 A
Package / Case	TO-220-2	TO-263-3, D <sup>2</sup> Pak (2 Leads + Tab), TO-263AB	TO-263-3, D <sup>2</sup> Pak (2 Leads + Tab), TO-263AB	DO-214AC, SMA
Current - Average Rectified (Io)	20A	20A	20A	2A
Technology	Standard	Standard	Schottky	Schottky

### VS-20ETS12-M3 Datasheet PDF

Download VS-20ETS12-M3 pdf datasheets and Vishay General Semiconductor - Diodes Division documentation for VS-20ETS12-M3 - Vishay General Semiconductor - Diodes Division.

#### Datasheets

[VS-20\(A,E\)TS\(08,12\)PbF/-M3.pdf](#)

#### PCN Other

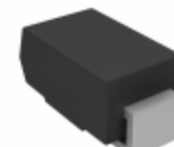
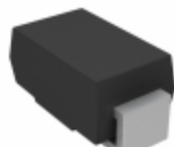
[DD-018-2015-Rev-00 25/May/2015.pdf](#)

#### PCN Assembly/Origin

[Mult Devices Assembly 19/Jan/2018.pdf](#)

### Customers Also Interested in

#### Recommended Products



<b>VS-20ETF06STRLPBF</b> Vishay General Semiconductor - Diodes Division DIODE GEN PURP 600V 20A 	<b>VS-20L15TSTRLPBF</b> Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 15V 20A TO263AB 	<b>VS-20MQ060NPBF</b> Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 60V 2A DO214AC 	<b>VS-20ETF12FPPBF</b> Vishay General Semiconductor - Diodes Division DIODE GP 1.2KV 20A TO220ACFP 	<b>VS-20MQ100NPBF</b> Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 100V 2.1A 	<b>VS-20ETF06PBF</b> Vishay General Semiconductor - Diodes Division DIODE GEN PURP 600V 20A 
<b>VS-20CTQ045-1PBF</b> Vishay General Semiconductor - Diodes Division DIODE ARRAY SCHOTTKY 45V TO262 	<b>VS-20ETS08STRLPBF</b> Vishay General Semiconductor - Diodes Division DIODE GEN PURP 800V 20A TO263AB 	<b>VS-20CTQ150SPBF</b> Vishay General Semiconductor - Diodes Division DIODE ARRAY SCHOTTKY 150V D2PAK 	<b>VS-20ETF06FPPBF</b> Vishay General Semiconductor - Diodes Division DIODE GP 600V 20A TO220ACFP 	<b>VS-20ETF10STRLPBF</b> Vishay General Semiconductor - Diodes Division DIODE GEN PURP 1KV 20A TO263AB 	<b>VS-20ETS12STRLPBF</b> Vishay General Semiconductor - Diodes Division DIODE GEN PURP 1.2KV 20A TO263AB 
<b>VS-20MQ100-M3/5AT</b> Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 100V 2A DO214AC 	<b>VS-20MQ040NPBF</b> Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 40V 2.1A DO214AC 	<b>VS-20ETS08-M3</b> Vishay General Semiconductor - Diodes Division DIODE GEN PURP 800V 20A TO220AC 	<b>VS-20ETS12PBF</b> Vishay General Semiconductor - Diodes Division DIODE GEN PURP 1.2KV 20A TO220AC 	<b>VS-20L15T-N3</b> Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 15V 20A TO220AC 	<b>VS-20ETS08FPPBF</b> Vishay General Semiconductor - Diodes Division DIODE GP 800V 20A TO220ACFP 

## 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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-  Email  
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## Certifications & Memberships



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## Contact us

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