



# VS-12CWQ10FNTR-M3

Manufacturer Part Number	<b>VS-12CWQ10FNTR-M3</b>
Manufacturer	<b>Vishay General Semiconductor – Diodes Division</b>
Allelco Part Number	32D-VS-12CWQ10FNTR-M3
ECAD Model	Request Free CAD Models
Parts Description	DIODE ARRAY SCHOTTKY 100V DPAK
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Data sheet	<b>VS-12CWQ10FN-M3.pdf</b>
RoHs Status	ROHS3 Compliant



**Get a Quote**

VS-12CWQ10FNTR-M3 - Vishay General Semiconductor - Diodes Division. New Original in Stock. Download Linear Technology VS-12CWQ10FNTR-M3 datasheet/specifications on AllelcoElec.com.  
Request a quote for VS-12CWQ10FNTR-M3, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

VS-12CWQ10FNTR-M3 Tech Specifications  
VS-12CWQ10FNTR-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	Tape & Reel (TR)
Voltage - Forward (Vf) (Max) @ If	950 mV @ 12 A	Operating Temperature - Junction	150°C (Max)
Voltage - DC Reverse (Vr) (Max)	100 V	Mounting Type	Surface Mount
Technology	Schottky	Diode Configuration	1 Pair Common Cathode
Supplier Device Package	D-PAK (TO-252AA)	Current - Reverse Leakage @ Vr	1 mA @ 100 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Current - Average Rectified (Io) (per Diode)	6A
Series	-	Base Product Number	12CWQ10
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay General Semiconductor - Diodes Division VS-12CWQ10FNTR-M3

Product Attribute				
Part Number	VS-12CWQ10FNTR-M3	VS-12CWQ10FNTRHM3	VS-12CWQ06FNTRHM3	VS-12CWQ06FNTRL-M3
Manufacturer	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Operating Temperature - Junction	150°C (Max)	150°C (Max)	150°C (Max)	150°C (Max)
Voltage - Forward (Vf) (Max) @ If	950 mV @ 12 A	950 mV @ 12 A	610 mV @ 6 A	790 mV @ 12 A
Voltage - DC Reverse (Vr) (Max)	100 V	100 V	60 V	60 V
Base Product Number	12CWQ10	12CWQ10	12CWQ06	12CWQ06
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Diode Configuration	1 Pair Common Cathode	1 Pair Common Cathode	1 Pair Common Cathode	1 Pair Common Cathode
Technology	Schottky	Schottky	Schottky	Schottky
Current - Average Rectified (Io) (per Diode)	6A	6A	6A	6A
Series	-	Automotive, AEC-Q101	Automotive, AEC-Q101	-
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-252-3, DPak (2 Leads + Tab), SC-63
Supplier Device Package	D-PAK (TO-252AA)	D-PAK (TO-252AA)	D-PAK (TO-252AA)	D-PAK (TO-252AA)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Current - Reverse Leakage @ Vr	1 mA @ 100 V	1 mA @ 100 V	3 mA @ 60 V	3 mA @ 60 V

## VS-12CWQ10FNTR-M3 Datasheet PDF

Download VS-12CWQ10FNTR-M3 pdf datasheets and Vishay General Semiconductor - Diodes Division documentation for VS-12CWQ10FNTR-M3 - Vishay General Semiconductor - Diodes Division.

### Datasheets

VS-12CWQ10FN-M3.pdf

### PCN Obsolescence/ EOL

Multiple Devices Improvements 12/Sep/2016.pdf

### PCN Assembly/Origin

LeadFrame/Mold Compound Chgs 12/Sep/2016.pdf

## Customers Also Interested in

### Recommended Products



**VS-12CWQ10FNTRHM3**  
Vishay General Semiconductor - Diodes Division  
DIODE ARRAY SCHOTTKY 100V DPAK



**VS-12FR120M**

Vishay General Semiconductor - Diodes Division  
DIODE GP REV 1.2KV 12A DO203AA

**VS-12CWQ06FNTRHM3**  
Vishay General Semiconductor - Diodes Division  
DIODE ARRAY SCHOTTKY 60V 6A DPAK



**VS-12CWQ06FNTRLPBF**

Vishay General Semiconductor - Diodes Division  
DIODE ARRAY SCHOTTKY 60V 6A DPAK

**VS-12CWQ06FNTRL-M3**  
Vishay General Semiconductor - Diodes Division  
DIODE ARRAY SCHOTTKY 60V 6A DPAK



**VS-12CWQ10FN-M3**

Vishay General Semiconductor - Diodes Division  
DIODE ARRAY SCHOTTKY 100V DPAK

**VS-12CWQ10FNTRLPBF**  
Vishay General Semiconductor - Diodes Division  
DIODE ARRAY SCHOTTKY 100V DPAK



**VS-12CWQ10FNHM3**

Vishay General Semiconductor - Diodes Division  
DIODE ARRAY SCHOTTKY 100V DPAK

**VS-12CWQ06FN-M3**  
Vishay General Semiconductor - Diodes Division  
DIODE ARRAY SCHOTTKY 60V 6A DPAK



**VS-12CWQ10FNPBF**

Vishay General Semiconductor - Diodes Division  
DIODE ARRAY SCHOTTKY 100V DPAK

**VS-12CWQ06FNTR-M3**  
Vishay General Semiconductor - Diodes Division  
DIODE ARRAY SCHOTTKY 60V 6A DPAK



**VS-12TQ045S-M3**

Vishay General Semiconductor - Diodes Division  
DIODE ARRAY SCHOTTKY 45V 15A TO263AB



**VS-12CWQ10FNTRLHM3**

Vishay General Semiconductor - Diodes Division  
DIODE ARRAY SCHOTTKY 100V DPAK



**VS-12CWQ10FNTRL-M3**

Vishay General Semiconductor - Diodes Division  
DIODE ARRAY SCHOTTKY 100V DPAK



**VS-12CWQ06FNPBF**

Vishay General Semiconductor - Diodes Division  
DIODE ARRAY SCHOTTKY 60V 6A DPAK



**VS-12EWH06FN-M3**

Vishay General Semiconductor - Diodes Division  
DIODE GEN PURP 600V 12A TO252



**VS-12CWQ10FNTRPBF**

Vishay General Semiconductor - Diodes Division  
DIODE ARRAY SCHOTTKY 100V DPAK



**VS-12TQ040SPBF**

Vishay General Semiconductor - Diodes Division  
DIODE SCHOTTKY 40V 15A TO263AB

## 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: +00852 9146 4856
- Email: info@allelco.com

### Certifications & Memberships



[View More](#)

### Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong  
Phone: +00852 9146 4856  
Fax: +00852 3010 8510  
Email: info@Allelco.com