



VS-50WQ10FNTR-M3

Manufacturer Part Number	VS-50WQ10FNTR-M3
Manufacturer	Vishay General Semiconductor – Diodes Division
Allelco Part Number	32D-VS-50WQ10FNTR-M3
ECAD Model	Request Free CAD Models
Parts Description	DIODE SCHOTTKY 100V 5.5A DPAK
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Data sheet	VS-50WQ10FN-M3.pdf
RoHs Status	ROHS3 Compliant



Get a Quote

VS-50WQ10FNTR-M3 - Vishay General Semiconductor - Diodes Division. New Original in Stock. Download Linear Technology VS-50WQ10FNTR-M3 datasheet/specifications on AllelcoElec.com.
Request a quote for VS-50WQ10FNTR-M3, please send us email: info@allelco.com

Specifications

VS-50WQ10FNTR-M3 Tech Specifications
VS-50WQ10FNTR-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	770 mV @ 5 A	Operating Temperature - Junction	-40°C ~ 150°C
Voltage - DC Reverse (Vr) (Max)	100 V	Mounting Type	Surface Mount
Technology	Schottky	Current - Reverse Leakage @ Vr	1 mA @ 100 V
Supplier Device Package	D-PAK (TO-252AA)	Current - Average Rectified (Io)	5.5A
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Capacitance @ Vr, F	183pF @ 5V, 1MHz
Series	-	Base Product Number	50WQ10
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-50WQ10FNTR-M3

Product Attribute				
Part Number	VS-50WQ10FNTR-M3	VS-50WQ10FN-M3	VS-50WQ10FNTRLPBF	VS-60APU04PBF
Manufacturer	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division
Series	-	-	-	-
Base Product Number	50WQ10	50WQ10	50WQ10	60APU04
Technology	Schottky	Schottky	Schottky	Standard
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Through Hole
Voltage - Forward (Vf) (Max) @ If	770 mV @ 5 A	770 mV @ 5 A	770 mV @ 5 A	1.25 V @ 60 A
Capacitance @ Vr, F	183pF @ 5V, 1MHz	183pF @ 5V, 1MHz	183pF @ 5V, 1MHz	-
Current - Average Rectified (Io)	5.5A	5.5A	5.5A	60A
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	1 mA @ 100 V	1 mA @ 100 V	1 mA @ 100 V	50 µA @ 400 V
Voltage - DC Reverse (Vr) (Max)	100 V	100 V	100 V	400 V
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-247-3
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tube
Operating Temperature - Junction	-40°C ~ 150°C	-40°C ~ 150°C	-40°C ~ 150°C	-55°C ~ 175°C
Supplier Device Package	D-PAK (TO-252AA)	D-PAK (TO-252AA)	D-PAK (TO-252AA)	TO-247AC

VS-50WQ10FNTR-M3 Datasheet PDF

Download VS-50WQ10FNTR-M3 pdf datasheets and Vishay General Semiconductor - Diodes Division documentation for VS-50WQ10FNTR-M3 - Vishay General Semiconductor - Diodes Division.

Datasheets

VS-50WQ10FN-M3.pdf

PCN Obsolescence/ EOL

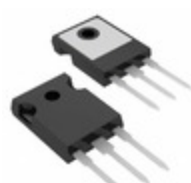
Multiple Devices Improvements 12/Sep/2016.pdf

PCN Assembly/Origin

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

Customers Also Interested in

Recommended Products



VS-50WQ10FN-M3 Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 100V 5.5A DPAK	VS-50WQ10FNTRLPBF Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 100V 5.5A DPAK	VS-60CPH03PBF Vishay General Semiconductor - Diodes Division DIODE ARRAY GP 300V 30A	VS-60APU04PBF Vishay General Semiconductor - Diodes Division DIODE GEN PURP 400V 60A	VS-50WQ06FNTRHM3 Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 60V 5.5A DPAK	VS-50WQ10FNTRPBF Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 100V 5.5A DPAK
VS-50WQ10FNTRL-M3 Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 100V 5.5A DPAK	VS-50WQ04FNTR-M3 Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 40V 5.5A DPAK	VS-50WQ10FNTRRPBF Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 100V 5.5A DPAK	VS-50WQ04FNTRLHM3 Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 40V 5.5A DPAK	VS-50WQ06FNTR-M3 Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 60V 5.5A DPAK	VS-50WQ04FNTRHM3 Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 40V 5.5A DPAK
VS-60APF12PBF Vishay General Semiconductor - Diodes Division DIODE GEN PURP 1.2KV 60A TO247AC	VS-50WQ04FNTRHM3 Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 40V 5.5A DPAK	VS-50WQ06FN-M3 Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 60V 5.5A DPAK	VS-50WQ03FNTR-M3 Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 30V 5.5A DPAK	VS-60APU06PBF Vishay General Semiconductor - Diodes Division DIODE GEN PURP 600V 60A TO247AC	VS-60APU02PBF Vishay General Semiconductor - Diodes Division DIODE GEN PURP 200V 60A TO247AC

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.



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