



Image may be representation.
See specifications for product details.



VS-10BQ100-M3/5BT

Manufacturer Part Number	VS-10BQ100-M3/5BT
Manufacturer	Vishay General Semiconductor – Diodes Division
Allelco Part Number	32D-VS-10BQ100-M3/5BT
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	DIODE SCHOTTKY 100V 1A DO214AA
Package	DO-214AA, SMB
Data sheet	VS-10BQ100-M3.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

VS-10BQ100-M3/5BT - Vishay General Semiconductor - Diodes Division. New Original in Stock. Download Linear Technology VS-10BQ100-M3/5BT datasheet/specifications on AllelcoElec.com.
Request a quote for VS-10BQ100-M3/5BT, please send us email: info@allelco.com

Specifications

VS-10BQ100-M3/5BT Tech Specifications
VS-10BQ100-M3/5BT - 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	750 mV @ 1 A	Operating Temperature - Junction	-55°C ~ 150°C
Voltage - DC Reverse (Vr) (Max)	100 V	Mounting Type	Surface Mount
Technology	Schottky	Current - Reverse Leakage @ Vr	500 µA @ 100 V
Supplier Device Package	DO-214AA (SMB)	Current - Average Rectified (Io)	1A
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Capacitance @ Vr, F	65pF @ 5V, 1MHz
Series	-	Base Product Number	10BQ100
Package / Case	DO-214AA, SMB		

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay General Semiconductor - Diodes Division VS-10BQ100-M3/5BT

Product Attribute				
Part Number	VS-10BQ100-M3/5BT	VS-10BQ100TRPBF	VS-10BQ015-M3/5BT	VS-10BQ040PBF
Manufacturer	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division
Technology	Schottky	Schottky	Schottky	Schottky
Current - Reverse Leakage @ Vr	500 µA @ 100 V	500 µA @ 100 V	500 µA @ 15 V	100 µA @ 40 V
Voltage - DC Reverse (Vr) (Max)	100 V	100 V	15 V	40 V
Current - Average Rectified (Io)	1A	1A	1A	1A
Voltage - Forward (Vf) (Max) @ If	750 mV @ 1 A	780 mV @ 1 A	390 mV @ 2 A	530 mV @ 1 A
Package / Case	DO-214AA, SMB	DO-214AA, SMB	DO-214AA, SMB	DO-214AA, SMB
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Bulk
Base Product Number	10BQ100	10BQ100	10BQ015	10BQ040
Supplier Device Package	DO-214AA (SMB)	DO-214AA (SMB)	DO-214AA (SMB)	DO-214AA (SMB)
Operating Temperature - Junction	-55°C ~ 150°C	-55°C ~ 175°C	-55°C ~ 125°C	-55°C ~ 150°C
Capacitance @ Vr, F	65pF @ 5V, 1MHz	-	390pF @ 5V, 1MHz	-
Series	-	-	-	-
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

VS-10BQ100-M3/5BT Datasheet PDF

Download VS-10BQ100-M3/5BT pdf datasheets and Vishay General Semiconductor - Diodes Division documentation for VS-10BQ100-M3/5BT - Vishay General Semiconductor - Diodes Division.

Datasheets

VS-10BQ100-M3.pdf

Customers Also Interested in

Recommended Products

VS-10BQ100TRPBF	VS-10BQ015-M3/5BT	VS-10BQ040PBF	VS-10BQ100PBF	VS-10BQ060TRPBF	VS-10CDU06-M3/I
Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 100V 1A DO214AA	Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 15V 1A DO214AA	Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 40V 1A DO214AA	Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 100V 1A DO214AA	Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 60V 1A DO214AA	Vishay General Semiconductor - Diodes Division DIODE ARRAY GP 600V 5A TO263AC

VS-10BQ015PBFVishay General Semiconductor - Diodes Division
DIODE SCHOTTKY 15V 1A DO214AA**VS-10CWH02FN-M3**Vishay General Semiconductor - Diodes Division
DIODE ARRAY GP 200V 10A TO252AA**VS-10BQ040-M3/5BT**Vishay General Semiconductor - Diodes Division
DIODE SCHOTTKY 40V 1A DO214AA**VS-10BQ015TRPBF**Vishay General Semiconductor - Diodes Division
DIODE SCHOTTKY 15V 1A DO214AA**VS-10ETS08STRLPBF**Vishay General Semiconductor - Diodes Division
DIODE GEN PURP 800V 10A TO263AB**VS-10BQ060-M3/5BT**Vishay General Semiconductor - Diodes Division
DIODE SCHOTTKY 60V 1A DO214AA**VS-10ETF12FPPBF**Vishay General Semiconductor - Diodes Division
DIODE GP 1.2KV 10A TO220ACFP**VS-10ETS08SPBF**Vishay General Semiconductor - Diodes Division
DIODE GEN PURP 800V 10A TO263AB**VS-10BQ015HM3/5BT**Vishay General Semiconductor - Diodes Division
DIODE SCHOTTKY 15V 1A DO214AA**VS-10BQ040TRPBF**Vishay General Semiconductor - Diodes Division
DIODE SCHOTTKY 40V 1A DO214AA**VS-10ETS08-M3**Vishay General Semiconductor - Diodes Division
DIODE GEN PURP 800V 10A TO220AC**VS-10CTQ150PBF**Vishay General Semiconductor - Diodes Division
DIODE ARRAY SCHOTTKY 150V TO220**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.

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Certifications & Memberships

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