

Image may be representation.
See specifications for product details.



VS-40CPQ100-N3

Manufacturer Part Number	VS-40CPQ100-N3
Manufacturer	Vishay General Semiconductor – Diodes Division
Allelco Part Number	32D-VS-40CPQ100-N3
ECAD Model	Request Free CAD Models
Parts Description	DIODE ARRAY SCHOTTKY 100V TO247
Package	TO-247-3
Data sheet	40CPQ080PBF, 100PBF.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

VS-40CPQ100-N3 - Vishay General Semiconductor - Diodes Division. New Original in Stock. Download Linear Technology VS-40CPQ100-N3 datasheet/specifications on AllelcoElec.com.
Request a quote for VS-40CPQ100-N3, please send us email: info@allelco.com

Specifications

VS-40CPQ100-N3 Tech Specifications

VS-40CPQ100-N3 - 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	910 mV @ 40 A	Operating Temperature - Junction	175°C (Max)
Voltage - DC Reverse (Vr) (Max)	100 V	Mounting Type	Through Hole
Technology	Schottky	Diode Configuration	1 Pair Common Cathode
Supplier Device Package	TO-247AC	Current - Reverse Leakage @ Vr	1.25 mA @ 100 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Current - Average Rectified (Io) (per Diode)	40A
Series	-	Base Product Number	40CPQ100
Package / Case	TO-247-3		

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay General Semiconductor - Diodes Division VS-40CPQ100-N3

Product Attribute				
Part Number	VS-40CPQ100-N3	VS-40CPQ060PBF	VS-40CPQ100PBF	VS-40CTQ045-1PBF
Manufacturer	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division
Operating Temperature - Junction	175°C (Max)	-55°C ~ 150°C	-55°C ~ 175°C	-55°C ~ 150°C
Current - Average Rectified (Io) (per Diode)	40A	20A	20A	20A
Technology	Schottky	Schottky	Schottky	Schottky
Supplier Device Package	TO-247AC	TO-247AC	TO-247AC	TO-262-3
Diode Configuration	1 Pair Common Cathode	1 Pair Common Cathode	1 Pair Common Cathode	1 Pair Common Cathode
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole
Current - Reverse Leakage @ Vr	1.25 mA @ 100 V	1.7 mA @ 60 V	1.25 mA @ 100 V	3 mA @ 45 V
Package / Case	TO-247-3	TO-247-3	TO-247-3	TO-262-3 Long Leads, I ² Pak, TO-262AA
Package	Tube	Tube	Tube	Tube
Voltage - DC Reverse (Vr) (Max)	100 V	60 V	100 V	45 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Voltage - Forward (Vf) (Max) @ If	910 mV @ 40 A	530 mV @ 20 A	770 mV @ 20 A	530 mV @ 20 A
Series	-	-	-	-
Base Product Number	40CPQ100	40CPQ060	40CPQ100	40CTQ045

VS-40CPQ100-N3 Datasheet PDF

Download VS-40CPQ100-N3 pdf datasheets and Vishay General Semiconductor - Diodes Division documentation for VS-40CPQ100-N3 - Vishay General Semiconductor - Diodes Division.

Datasheets

[40CPQ080PBF, 100PBF.pdf](#)

PCN Design/Specification

[Mult Dev Mold Chg 13/Sep/2019.pdf](#)

Customers Also Interested in

Recommended Products

VS-400U120D	VS-40CPQ060PBF	VS-40EPS12-M3	VS-40HF160M	VS-40CPQ100PBF	VS-40HF10
Vishay General Semiconductor - Diodes Division DIODE GP 1.2KV 400A DO205AB	Vishay General Semiconductor - Diodes Division DIODE ARRAY SCHOTTKY 60V TO247AC	Vishay General Semiconductor - Diodes Division DIODE GP 1.2KV 40A TO247AC	Vishay General Semiconductor - Diodes Division DIODE GEN PURP 1.6KV 40A DO203AB	Vishay General Semiconductor - Diodes Division DIODE ARRAY SCHOTTKY 100V TO247	Vishay General Semiconductor - Diodes Division DIODE GEN PURP 100V 40A DO203AB

**VS-40HFR120**

Vishay General Semiconductor - Diodes Division
DIODE GEN PURP 1.2KV 40A DO203AB

**VS-40HF80**

Vishay General Semiconductor - Diodes Division
DIODE GEN PURP 800V 40A DO203AB

**VS-40CTQ045-1PBF**

Vishay General Semiconductor - Diodes Division
DIODE ARRAY SCHOTTKY 45V TO262

**VS-40EPS08-M3**

Vishay General Semiconductor - Diodes Division
DIODE GP 800V 40A TO247AC

**VS-40CPQ045PBF**

Vishay General Semiconductor - Diodes Division
DIODE ARRAY SCHOTTKY 45V TO247AC

**VS-401CNQ040PBF**

Vishay General Semiconductor - Diodes Division
DIODE ARRAY SCHOTTKY 40V TO244

**VS-40CPQ060-N3**

Vishay General Semiconductor - Diodes Division
DIODE ARRAY SCHOTTKY 60V TO247AC

**VS-40EPF12PBF**

Vishay General Semiconductor - Diodes Division
DIODE GP 1.2KV 40A TO247AC

**VS-40EPS12PBF**

Vishay General Semiconductor - Diodes Division
DIODE GP 1.2KV 40A TO247AC

**VS-401CNQ045PBF**

Vishay General Semiconductor - Diodes Division
DIODE MODULE 45V 400A TO244

**VS-403CNQ100PBF**

Vishay General Semiconductor - Diodes Division
DIODE MODULE 100V 200A TO244

**VS-400CNQ045PBF**

Vishay General Semiconductor - Diodes Division
DIODE MODULE 45V 400A TO244

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

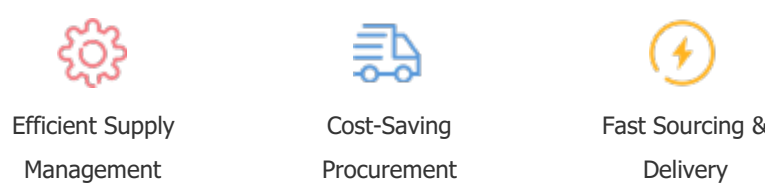
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

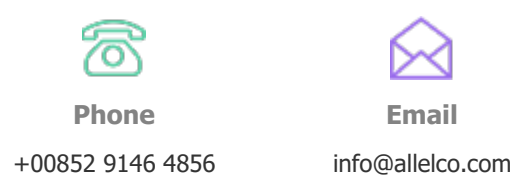
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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