

Image may be representation.  
See specifications for product details.



## VS-30CPH03-N3

Manufacturer Part Number	<b>VS-30CPH03-N3</b>
Manufacturer	<b>Vishay General Semiconductor – Diodes Division</b>
Allelco Part Number	32D-VS-30CPH03-N3
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DIODE ARRAY SCHOTTKY 300V TO247
Package	TO-247-3
Data sheet	<b>30CPH03PBF.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

VS-30CPH03-N3 - Vishay General Semiconductor - Diodes Division. New Original in Stock. Download Linear Technology VS-30CPH03-N3 datasheet/specifications on AllelcoElec.com.  
Request a quote for VS-30CPH03-N3, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

VS-30CPH03-N3 Tech Specifications

VS-30CPH03-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	1.25 V @ 15 A	Operating Temperature - Junction	175°C (Max)
Voltage - DC Reverse (Vr) (Max)	300 V	Mounting Type	Through Hole
Technology	Schottky	Diode Configuration	1 Pair Common Cathode
Supplier Device Package	TO-247AC	Current - Reverse Leakage @ Vr	40 µA @ 300 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Current - Average Rectified (Io) (per Diode)	15A
Series	FRED Pt®	Base Product Number	30CPH03
Package / Case	TO-247-3		

## Parts with Similar Specifications

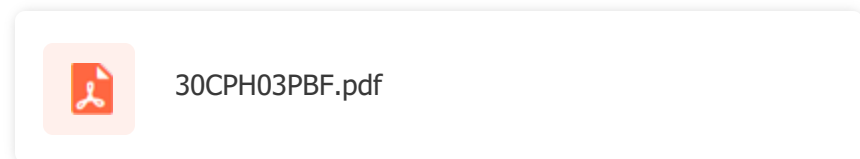
The three parts on the right have similar specifications to Vishay General Semiconductor - Diodes Division VS-30CPH03-N3

Product Attribute				
Part Number	VS-30CPH03-N3	VS-30CPQ045PBF	VS-30CPQ100PBF	VS-30CPQ150-N3
Manufacturer	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division
Base Product Number	30CPH03	30CPQ04	30CPQ10	30CPQ150
Package	Tube	Tube	Tube	Tube
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole
Series	FRED Pt®	-	-	-
Current - Average Rectified (Io) (per Diode)	15A	15A	15A	15A
Supplier Device Package	TO-247AC	TO-247AC	TO-247AC	TO-247AC
Voltage - DC Reverse (Vr) (Max)	300 V	45 V	100 V	150 V
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	40 µA @ 300 V	1.75 mA @ 45 V	550 µA @ 100 V	100 µA @ 150 V
Package / Case	TO-247-3	TO-247-3	TO-247-3	TO-247-3
Voltage - Forward (Vf) (Max) @ If	1.25 V @ 15 A	540 mV @ 15 A	860 mV @ 15 A	1.19 V @ 30 A
Diode Configuration	1 Pair Common Cathode	1 Pair Common Cathode	1 Pair Common Cathode	1 Pair Common Cathode
Technology	Schottky	Schottky	Schottky	Schottky
Operating Temperature - Junction	175°C (Max)	-55°C ~ 150°C	-55°C ~ 175°C	-55°C ~ 175°C

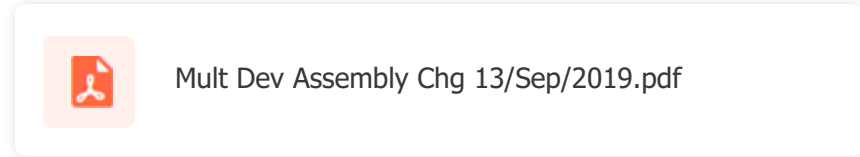
## VS-30CPH03-N3 Datasheet PDF

Download VS-30CPH03-N3 pdf datasheets and Vishay General Semiconductor - Diodes Division documentation for VS-30CPH03-N3 - Vishay General Semiconductor - Diodes Division.

### Datasheets

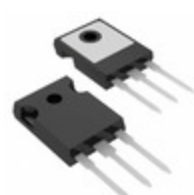


### PCN Assembly/Origin



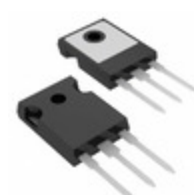
## Customers Also Interested in

### Recommended Products



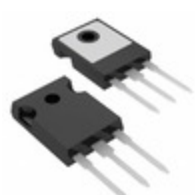
**VS-30CPQ045PBF**

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



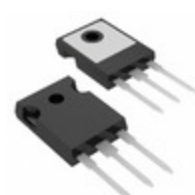
**VS-30CPQ100PBF**

Vishay General Semiconductor - Diodes Division  
DIODE ARRAY SCHOTTKY 100V TO247



**VS-30CPQ150-N3**

Vishay General Semiconductor - Diodes Division  
DIODE ARRAY SCHOTTKY 150V TO247



**VS-30CPU04-N3**

Vishay General Semiconductor - Diodes Division  
DIODE ARRAY GP 400V 15A TO247AC



**VS-30BQ100HM3/9AT**

Vishay General Semiconductor - Diodes Division  
DIODE SCHOTTKY 100V 3A D0214AB



**VS-30CTH03PBF**

Vishay General Semiconductor - Diodes Division  
DIODE ARRAY GP 300V 15A TO220AB

**VS-30CPQ100-N3**

Vishay General Semiconductor - Diodes Division  
DIODE ARRAY SCHOTTKY 100V TO247

**VS-30BQ100PBF**

Vishay General Semiconductor - Diodes Division  
DIODE SCHOTTKY 100V 3A DO214AB

**VS-30BQ060PBF**

Vishay General Semiconductor - Diodes Division  
DIODE SCHOTTKY 60V 3A DO214AB

**VS-30BQ100GPBF**

Vishay General Semiconductor - Diodes Division  
DIODE SCHOTTKY 100V 3A DO214AB

**VS-30CPQ060PBF**

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

**VS-30BQ060TRPBF**

Vishay General Semiconductor - Diodes Division  
DIODE SCHOTTKY 60V 3A DO214AB

**VS-30BQ060-M3/9AT**

Vishay General Semiconductor - Diodes Division  
DIODE SCHOTTKY 60V 3A DO214AB

**VS-30CPH03PBF**

Vishay General Semiconductor - Diodes Division  
DIODE ARRAY GP 300V 15A TO247AC

**VS-30BQ100TRPBF**

Vishay General Semiconductor - Diodes Division  
DIODE SCHOTTKY 100V 3A DO214AB

**VS-30BQ040TRPBF**

Vishay General Semiconductor - Diodes Division  
DIODE SCHOTTKY 40V 3A DO214AB

**VS-30CPQ150PBF**

Vishay General Semiconductor - Diodes Division  
DIODE ARRAY SCHOTTKY 150V TO247

**VS-30CTQ040PBF**

Vishay General Semiconductor - Diodes Division  
DIODE ARRAY SCHOTTKY 40V TO220AB

## 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

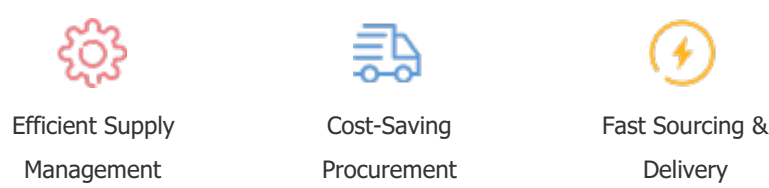
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

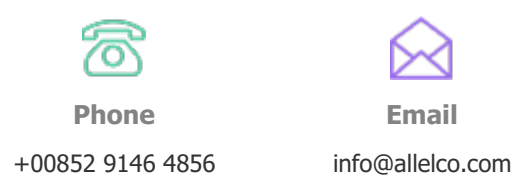
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



[View More](#)



### Contact us

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