





# 120NQ040

Manufacturer Part Number	<b>120NQ040</b>
Manufacturer	<b>Vishay General Semiconductor – Diodes Division</b>
Allelco Part Number	32D-120NQ040
ECAD Model	 Request Free CAD Models
Parts Description	DIODE SCHOTTKY 40V 120A D-67
Package	D-67 HALF-PAK
Data sheet	<b>120NQ R Series.pdf</b>
RoHS Status	 ROHS3 Compliant



**Get a Quote**

120NQ040 - Vishay General Semiconductor - Diodes Division. New Original in Stock. Download Linear Technology 120NQ040 datasheet/specifications on AllelcoElec.com.  
Request a quote for 120NQ040, please send us email: [info@allelco.com](mailto:info@allelco.com)





## Specifications

120NQ040 Tech Specifications  
120NQ040 - Vishay General Semiconductor - Diodes Division technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Vishay General Semiconductor – Diodes Division	Package / Case	D-67 HALF-PAK
Voltage - Forward (Vf) (Max) @ If	570 mV @ 120 A	Package	Bulk
Voltage - DC Reverse (Vr) (Max)	40 V	Mounting Type	Chassis Mount
Technology	Schottky	Current - Reverse Leakage @ Vr	10 mA @ 40 V
Supplier Device Package	D-67 HALF-PAK	Current - Average Rectified (Io)	120A
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Capacitance @ Vr, F	5200pF @ 5V, 1MHz
Series	-	Base Product Number	120NQ040

## Parts with Similar Specifications


The three parts on the right have similar specifications to Vishay General Semiconductor - Diodes Division 120NQ040

Product Attribute				
Part Number	120NQ040	120NQ045	120NQ045R	120NQ035
Manufacturer	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division
Package / Case	D-67 HALF-PAK	D-67 HALF-PAK	D-67 HALF-PAK	D-67 HALF-PAK
Current - Average Rectified (Io)	120A	120A	120A	120A
Supplier Device Package	D-67 HALF-PAK	D-67 HALF-PAK	D-67 HALF-PAK	D-67 HALF-PAK
Series	-	-	-	-
Mounting Type	Chassis Mount	Chassis Mount	Chassis Mount	Chassis Mount
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Base Product Number	120NQ040	120NQ045	120NQ045	120NQ035
Current - Reverse Leakage @ Vr	10 mA @ 40 V	10 mA @ 45 V	10 mA @ 45 V	10 mA @ 35 V
Technology	Schottky	Schottky	Schottky	Schottky
Voltage - DC Reverse (Vr) (Max)	40 V	45 V	45 V	35 V
Capacitance @ Vr, F	5200pF @ 5V, 1MHz	5200pF @ 5V, 1MHz	5200pF @ 5V, 1MHz	5200pF @ 5V, 1MHz
Voltage - Forward (Vf) (Max) @ If	570 mV @ 120 A	570 mV @ 120 A	570 mV @ 120 A	570 mV @ 120 A
Package	Bulk	Bulk	Bulk	Bulk

## 120NQ040 Datasheet PDF













Download 120NQ040 pdf datasheets and Vishay General Semiconductor - Diodes Division documentation for 120NQ040 - Vishay General Semiconductor - Diodes Division.

### Datasheets


[120NQ R Series.pdf](#)

## Customers Also Interested in

### Recommended Products

 <b>120RDA2</b> Sharp Microelectronics	 NO PICTURE <b>120NQ100</b> IR IGBT Module	 NO PICTURE <b>120R-5%-1206</b> UNIOHM	 life.augmented <b>120N4F6</b> STMicroelectronics	 <b>120NQ045</b> Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 45V 120A D-67	 <b>120N03LS/MS</b> Cypress Semiconductor (Infineon Technologies)
 <b>120NQ045R</b> Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 45V 120A D-67	 NO PICTURE <b>120NQ040R</b> IR IGBT Module	 NO PICTURE <b>120N06N</b> VBSEMI	 NO PICTURE <b>120NQ050</b> IR IGBT Module	 NO PICTURE <b>120NQ035R</b> IR IGBT Module	 NO PICTURE <b>120MLA80</b> IR IGBT Module

**120NW5**

Harvatek Corporation

**120P3N**Cypress Semiconductor  
(Infineon Technologies)**120N08 MOS**

HECHDZ

**120N03MS**Cypress Semiconductor  
(Infineon Technologies)**120NQ035**Vishay General Semiconductor -  
Diodes Division  
DIODE SCHOTTKY 35V 120A D-67**120N03**

Goford Semiconductor

## 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

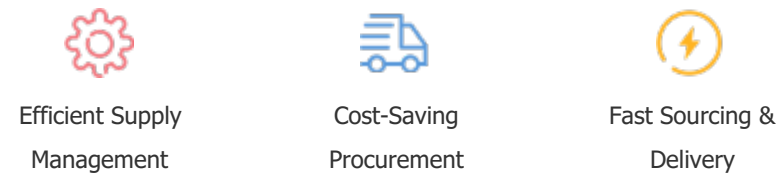
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

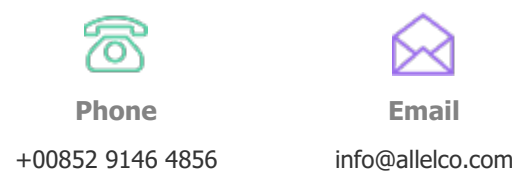
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,  
PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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### 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

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