



## VS-E4PH6006L-N3

Manufacturer Part Number	<b>VS-E4PH6006L-N3</b>
Manufacturer	<b>Vishay General Semiconductor – Diodes Division</b>
Allelco Part Number	32D-VS-E4PH6006L-N3
ECAD Model	Request Free CAD Models
Parts Description	DIODE GP 600V 60A TO247AC
Package	TO-247-2
Data sheet	<b>VS-E4PH6006L-N3.pdf</b>
RoHs Status	ROHS3 Compliant



**Get a Quote**

VS-E4PH6006L-N3 - Vishay General Semiconductor - Diodes Division. New Original in Stock. Download Linear Technology VS-E4PH6006L-N3 datasheet/specifications on AllelcoElec.com.  
Request a quote for VS-E4PH6006L-N3, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

VS-E4PH6006L-N3 Tech Specifications  
VS-E4PH6006L-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 / Case	TO-247-2
Voltage - Forward (Vf) (Max) @ If	2 V @ 60 A	Package	Tube
Voltage - DC Reverse (Vr) (Max)	600 V	Operating Temperature - Junction	-55°C ~ 175°C
Technology	Standard	Mounting Type	Through Hole
Supplier Device Package	TO-247AC Modified	Current - Reverse Leakage @ Vr	50 µA @ 600 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Current - Average Rectified (Io)	60A
Series	FRED Pt®	Capacitance @ Vr, F	-
Reverse Recovery Time (trr)	68 ns	Base Product Number	E4PH6006

### Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay General Semiconductor - Diodes Division VS-E4PH6006L-N3

Product Attribute				
Part Number	VS-E4PH6006L-N3	VS-8TQ100STRLPBF	VS-8EWX06FNTR-M3	VS-EPU3006L-N3
Manufacturer	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division
Mounting Type	Through Hole	Surface Mount	Surface Mount	Through Hole
Operating Temperature - Junction	-55°C ~ 175°C	-55°C ~ 175°C	-65°C ~ 175°C	-55°C ~ 175°C
Reverse Recovery Time (trr)	68 ns	-	17 ns	45 ns
Current - Reverse Leakage @ Vr	50 µA @ 600 V	550 µA @ 100 V	50 µA @ 600 V	30 µA @ 600 V
Voltage - Forward (Vf) (Max) @ If	2 V @ 60 A	720 mV @ 8 A	3 V @ 8 A	2 V @ 30 A
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F	-	500pF @ 5V, 1MHz	-	-
Base Product Number	E4PH6006	8TQ100	8EWX06	EPU3006
Current - Average Rectified (Io)	60A	8A	8A	30A
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Technology	Standard	Schottky	Standard	Standard
Series	FRED Pt®	-	FRED Pt®	FRED Pt®
Package / Case	TO-247-2	TO-263-3, D²Pak (2 Leads + Tab), TO-263AB	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-247-2
Supplier Device Package	TO-247AC Modified	TO-263AB (D²PAK)	D-PAK (TO-252AA)	TO-247AD
Voltage - DC Reverse (Vr) (Max)	600 V	100 V	600 V	600 V

### VS-E4PH6006L-N3 Datasheet PDF

Download VS-E4PH6006L-N3 pdf datasheets and Vishay General Semiconductor - Diodes Division documentation for VS-E4PH6006L-N3 - Vishay General Semiconductor - Diodes Division.

#### Datasheets

VS-E4PH6006L-N3.pdf

#### PCN Assembly/Origin

Mult Dev Die Chgs 9/Mar/2020.pdf

### Customers Also Interested in

#### Recommended Products

<b>VS-8TQ100STRLPBF</b>	<b>VS-8EWX06FNTR-M3</b>	<b>VS-8S2TH06FP</b>	<b>VS-EPU3006L-N3</b>	<b>VS-APU6006-N3</b>	<b>VS-8TQ100PBF</b>
Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 100V 8A TO263AB	Vishay General Semiconductor - Diodes Division DIODE GEN PURP 600V 8A DPAK	Electro-Films (EFI) / Vishay	Vishay General Semiconductor - Diodes Division DIODE GEN PURP 600V 30A TO247AD	Vishay General Semiconductor - Diodes Division DIODE GEN PURP 600V 30A TO247AC	Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 100V 8A TO220AC

**VS-EPU3006-N3**

Vishay General Semiconductor - Diodes Division  
DIODE GP 600V 30A TO247AC

**VS-EPU6006-N3**

Vishay General Semiconductor - Diodes Division  
DIODE GP 600V 60A TO247AC

**VS-E5PH6006L-N3**

Vishay General Semiconductor - Diodes Division  
DIODE GEN PURP 600V 60A TO247AD

**VS-ETH1506STRL-M3**

Vishay General Semiconductor - Diodes Division  
DIODE GEN PURP 600V 15A TO263AB

**VS-EPU6006L-N3**

Vishay General Semiconductor - Diodes Division  
DIODE GEN PURP 600V 60A TO247AD

**VS-EPU6006L-M3**

Vishay General Semiconductor - Diodes Division  
DIODE GP 600V 30A TO247AC

**VS-8S2TH06I-M**

Vishay General Semiconductor - Diodes Division  
DIODE GEN PURP 600V 8A TO220AC

**VS-ETH0806-M3**

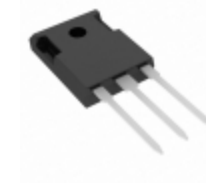
Vishay General Semiconductor - Diodes Division  
DIODE GEN PURP 600V 8A TO220AC

**VS-E4TU2006FP-N3**

Vishay General Semiconductor - Diodes Division  
DIODE GP 600V 20A TO220-2FP

**VS-8EWX06FN-M3**

Vishay General Semiconductor - Diodes Division  
DIODE GEN PURP 600V 8A TO252

**VS-C4PU3006L-N3**

Vishay General Semiconductor - Diodes Division  
DIODE GEN PURP 600V 15A TO247AD

**VS-90EPS12L-M3**

Vishay General Semiconductor - Diodes Division  
DIODE GEN PURP 1.2KV 90A TO247AD

## 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.

- Phone  
+00852 9146 4856
- Email  
info@allelco.com

### Certifications & Memberships



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