





VS-8EWH06FN-M3

Manufacturer Part Number	VS-8EWH06FN-M3
Manufacturer	Vishay General Semiconductor – Diodes Division
Allelco Part Number	32D-VS-8EWH06FN-M3
ECAD Model	 PCB Footprint and Symbol
Parts Description	DIODE GEN PURP 600V 8A DPAK
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Data sheet	VS-8EWH06FN-M3.pdf
RoHs Status	 ROHS3 Compliant



Get a Quote

VS-8EWH06FN-M3 - Vishay General Semiconductor - Diodes Division. New Original in Stock. Download Linear Technology VS-8EWH06FN-M3 datasheet/specifications on AllelcoElec.com.

Request a quote for VS-8EWH06FN-M3, please send us email: info@allelco.com

Specifications





VS-8EWH06FN-M3 Tech Specifications

VS-8EWH06FN-M3 - 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-252-3, DPak (2 Leads + Tab), SC-63
Voltage - Forward (Vf) (Max) @ If	2.4 V @ 8 A	Package	Bulk
Voltage - DC Reverse (Vr) (Max)	600 V	Operating Temperature - Junction	-65°C ~ 175°C
Technology	Standard	Mounting Type	Surface Mount
Supplier Device Package	D-PAK (TO-252AA)	Current - Reverse Leakage @ Vr	50 µA @ 600 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Current - Average Rectified (Io)	8A
Series	FRED Pt®	Capacitance @ Vr, F	-
Reverse Recovery Time (trr)	25 ns	Base Product Number	8EWH06

Parts with Similar Specifications


The three parts on the right have similar specifications to Vishay General Semiconductor - Diodes Division VS-8EWH06FN-M3

Product Attribute	 NO PICTURE			
Part Number	VS-8EWH06FN-M3	VS-8EWF12S-M3	VS-8EWH06FNHM3	VS-8EWL06FNTR-M3
Manufacturer	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division
Current - Average Rectified (Io)	8A	8A	8A	8A
Operating Temperature - Junction	-65°C ~ 175°C	-40°C ~ 150°C	-55°C ~ 150°C	-65°C ~ 175°C
Series	FRED Pt®	-	Automotive, AEC-Q101, FRED Pt®	FRED Pt®
Technology	Standard	Standard	Standard	Standard
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-252-3, DPak (2 Leads + Tab), SC-63
Supplier Device Package	D-PAK (TO-252AA)	TO-252, (D-Pak)	TO-252, (D-Pak)	D-PAK (TO-252AA)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	8EWH06	8EWF12	8EWH06	8EWL06
Voltage - DC Reverse (Vr) (Max)	600 V	1200 V	600 V	600 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Reverse Recovery Time (trr)	25 ns	270 ns	25 ns	170 ns
Voltage - Forward (Vf) (Max) @ If	2.4 V @ 8 A	1.3 V @ 8 A	2.4 V @ 8 A	1.05 V @ 8 A
Package	Bulk	Tube	Tube	Tape & Reel (TR)
Current - Reverse Leakage @ Vr	50 µA @ 600 V	100 µA @ 1200 V	50 µA @ 600 V	5 µA @ 600 V
Capacitance @ Vr, F	-	-	-	-


VS-8EWH06FN-M3 Datasheet PDF

Download VS-8EWH06FN-M3 pdf datasheets and Vishay General Semiconductor - Diodes Division documentation for VS-8EWH06FN-M3 - Vishay General Semiconductor - Diodes Division.

Datasheets

 [VS-8EWH06FN-M3.pdf](#)

PCN Design/Specification

 [Leadframe Update 04/Sep/2015.pdf](#)

Customers Also Interested in

Recommended Products



VS-8EWF12S-M3

Vishay General Semiconductor - Diodes Division
DIODE GEN PURP 1.2KV 8A TO252



VS-8EWH06FNHM3

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



VS-8EWL06FNTR-M3

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



VS-8EWF12STRPBF

Vishay General Semiconductor - Diodes Division
DIODE GEN PURP 1.2KV 8A D-PAK



VS-8EWF06STR-M3

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



VS-8EWL06FN-M3

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

**VS-8EWS08S-M3**Vishay General Semiconductor - Diodes Division
DIODE GEN PURP 800V 8A DPAK**VS-8EWF10S-M3**Vishay General Semiconductor - Diodes Division
DIODE GEN PURP 1KV 8A DPAK**VS-8EWS08STR-M3**Vishay General Semiconductor - Diodes Division
DIODE GEN PURP 800V 8A D-PAK**VS-8EWS08STRL-M3**Vishay General Semiconductor - Diodes Division
DIODE GEN PURP 800V 8A D-PAK**VS-8EWH06FNTRLHM3**Vishay General Semiconductor - Diodes Division
DIODE GEN PURP 600V 8A D-PAK**VS-8EWF06SLHM3**Vishay General Semiconductor - Diodes Division
DIODE GEN PURP 600V 8A DPAK**VS-8EWH02FN-M3**Vishay General Semiconductor - Diodes Division
DIODE GEN PURP 200V 8A TO252**VS-8EWS08STRLPBF**Vishay General Semiconductor - Diodes Division
DIODE GEN PURP 800V 8A D-PAK**VS-8EWS08STRPBF**Vishay General Semiconductor - Diodes Division
DIODE GEN PURP 800V 8A D-PAK**VS-8EWF04S-M**

Electro-Films (EFI) / Vishay

**VS-8EWH06FNTR-M3**Vishay General Semiconductor - Diodes Division
DIODE GEN PURP 600V 8A DPAK**VS-8EWF04S-M3**Vishay General Semiconductor - Diodes Division
DIODE GEN PURP 400V 8A DPAK

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.

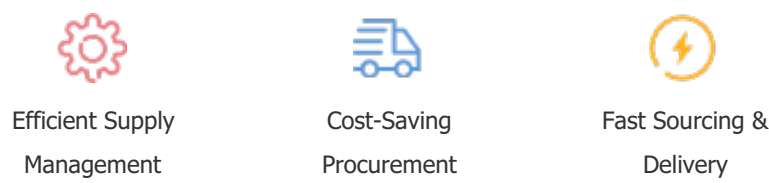
Payment Support

The payment method can be chosen from the methods shown below:

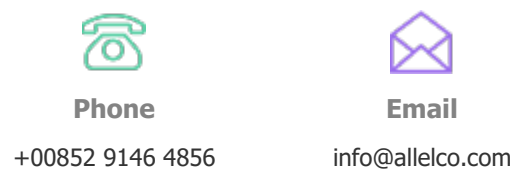
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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