





VS-30EPH06PBF

Manufacturer Part Number	VS-30EPH06PBF
Manufacturer	Vishay General Semiconductor – Diodes Division
Allelco Part Number	32D-VS-30EPH06PBF
ECAD Model	 Request Free CAD Models
Parts Description	DIODE GP 600V 30A TO247AC
Package	TO-247-2
Data sheet	VS-30EPH06(PBF,-N3).pdf
RoHS Status	 ROHS3 Compliant



Get a Quote

VS-30EPH06PBF - Vishay General Semiconductor - Diodes Division. New Original in Stock. Download Linear Technology VS-30EPH06PBF datasheet/specifications on AllelcoElec.com.

Request a quote for VS-30EPH06PBF, please send us email: info@allelco.com

Specifications





VS-30EPH06PBF Tech Specifications

VS-30EPH06PBF - 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	2.6 V @ 30 A	Package	Tube
Voltage - DC Reverse (Vr) (Max)	600 V	Operating Temperature - Junction	-65°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)	30A
Series	FRED Pt®	Capacitance @ Vr, F	-
Reverse Recovery Time (trr)	35 ns	Base Product Number	30EPH06

Parts with Similar Specifications

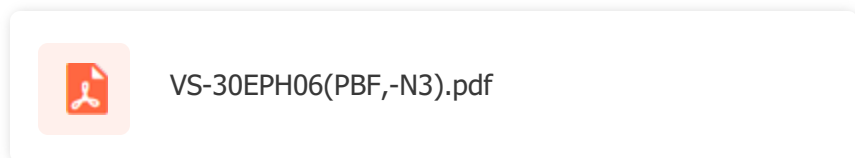
The three parts on the right have similar specifications to Vishay General Semiconductor - Diodes Division VS-30EPH06PBF

Product Attribute				
Part Number	VS-30EPH06PBF	VS-30ETH06STRLPBF	VS-30EPF12PBF	VS-30ETU12T-N3
Manufacturer	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Technology	Standard	Standard	Standard	Standard
Package / Case	TO-247-2	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	TO-247-2	TO-220-2
Operating Temperature - Junction	-65°C ~ 175°C	-40°C ~ 150°C	-40°C ~ 150°C	-55°C ~ 175°C
Current - Average Rectified (Io)	30A	30A	30A	30A
Capacitance @ Vr, F	-	-	-	-
Supplier Device Package	TO-247AC Modified	TO-263AB (D ² PAK)	TO-247AC Modified	TO-220AC
Base Product Number	30EPH06	30ETH06	30EPF12	30ETU12
Current - Reverse Leakage @ Vr	50 µA @ 600 V	50 µA @ 600 V	100 µA @ 1200 V	145 µA @ 1200 V
Voltage - Forward (Vf) (Max) @ If	2.6 V @ 30 A	2.6 V @ 30 A	1.41 V @ 30 A	2.68 V @ 30 A
Voltage - DC Reverse (Vr) (Max)	600 V	600 V	1200 V	-
Package	Tube	Tape & Reel (TR)	Tube	Tube
Mounting Type	Through Hole	Surface Mount	Through Hole	Through Hole
Series	FRED Pt®	Automotive, AEC-Q101	-	FRED Pt®
Reverse Recovery Time (trr)	35 ns	28 ns	160 ns	220 ns

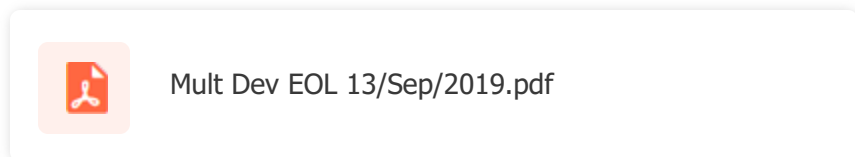
VS-30EPH06PBF Datasheet PDF

Download VS-30EPH06PBF pdf datasheets and Vishay General Semiconductor - Diodes Division documentation for VS-30EPH06PBF - Vishay General Semiconductor - Diodes Division.

Datasheets



PCN Obsolescence/ EOL



Customers Also Interested in

Recommended Products



VS-30CTQ045PBF

Vishay General Semiconductor - Diodes Division
DIODE ARRAY SCHOTTKY 45V TO220AB



VS-30CTQ100STRLPBF

Vishay General Semiconductor - Diodes Division
DIODE ARRAY SCHOTTKY 100V D2PAK



VS-30TPS08-M3

Vishay General Semiconductor - Diodes Division
SCR 800V 30A TO247AC



VS-30ETH06STRLPBF

Vishay General Semiconductor - Diodes Division
DIODE GEN PURP 600V 30A TO263AB



VS-30EPF12PBF

Vishay General Semiconductor - Diodes Division
DIODE GP 1.2KV 30A TO247AC



VS-30ETU12T-N3

Vishay General Semiconductor - Diodes Division
DIODE GEN PURP 30A TO220AC

**VS-30CTQ060-M3**

Vishay General Semiconductor - Diodes Division
DIODE ARRAY SCHOTTKY 60V TO220AB

VS-30EPH06-N3

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

VS-30EPF06-M3

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

VS-30EPH06-N3 30EPH06

Electro-Films (EFI) / Vishay

VS-30CTQ100PBF

Vishay General Semiconductor - Diodes Division
DIODE ARRAY SCHOTTKY 100V TO220

VS-30WQ03FNTR-M3

Vishay General Semiconductor - Diodes Division
DIODE SCHOTTKY 30V 3.5A DPAK

**VS-30EPU12L**

Electro-Films (EFI) / Vishay

VS-30ETH06FP-F3

Vishay General Semiconductor - Diodes Division
DIODE GP 600V 30A TO220-2FP

VS-30ETH06-M3

Vishay General Semiconductor - Diodes Division
DIODE GEN PURP 600V 30A TO220AC

VS-30CTQ045-M3

Vishay General Semiconductor - Diodes Division
DIODE ARRAY SCHOTTKY 45V TO220AB

VS-30EUP12L

Electro-Films (EFI) / Vishay

VS-30CTQ045STRLPBF

Vishay General Semiconductor - Diodes Division
DIODE ARRAY SCHOTTKY 45V D2PAK

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

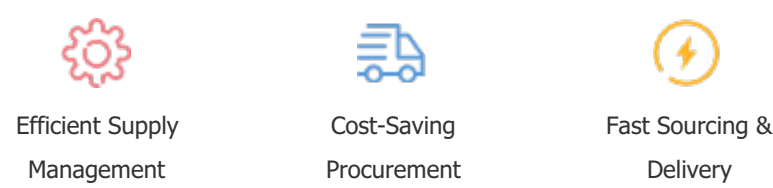
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

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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