



#### VS-12EWH06FN-M3 Information



For Reference Only

Part Number VS-12EWH06FN-M3

Manufacturer Vishay Semiconductor Diodes Division

**Category** Discrete Semiconductor Products

Diodes - Rectifiers - Single

**Description** DIODE GEN PURP 600V 12A TO252 **Package** TO-252-3, DPak (2 Leads + Tab), SC-63

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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# VS-12EWH06FN-M3 Specifications

Manufacturer Part NumberVS-12EWH06FN-M3ManufacturerVishay Semiconductor Diodes DivisionCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageTO-252-3, DPak (2 Leads + Tab), SC-63SeriesFRED Pt?Diode TypeStandardVoltage - DC Reverse (Vr) (Max)600VCurrent - Average Rectified (Io)12AVoltage - Forward (Vf) (Max) @ If2.5V @ 12ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr10μA @ 600VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageTO-252, (D-Pak)Operating Temperature - Junction-65°C ~ 175°C		
Discrete Semiconductor Products  Diodes - Rectifiers - Single  TO-252-3, DPak (2 Leads + Tab), SC-63  Series  FRED Pt?  Diode Type  Standard  Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  Speed  Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr)  - Current - Reverse Leakage @ Vr  10µA @ 600V  Capacitance @ Vr, F  Mounting Type  Surface Mount  Package / Case  TO-252-3, DPak (2 Leads + Tab), SC-63  Supplier Device Package  TO-252, (D-Pak)  Operating Temperature - Junction	Manufacturer Part Number	VS-12EWH06FN-M3
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Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  Speed  Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr)  - Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  Mounting Type  Package / Case  Supplier Device Package  Operating Temperature - Junction  600V  12A  2.5V @ 12A  5200mA (Io)  - 10μA @ 600V  10μA @ 600V  5200mA (Io)  10μA @ 600V  10μA @	Series	FRED Pt?
Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  Speed  Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr)  - Current - Reverse Leakage @ Vr  10µA @ 600V  Capacitance @ Vr, F  Mounting Type  Surface Mount  Package / Case  TO-252-3, DPak (2 Leads + Tab), SC-63  Supplier Device Package  Operating Temperature - Junction  12A  2.5V @ 12A  Standard Recovery >500ns, > 200mA (Io)  -  Standard Recovery >500ns, > 200mA (Io)  -  TO-252-3, DPak (2 Leads + Tab)	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If2.5V @ 12ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr10μA @ 600VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageTO-252, (D-Pak)Operating Temperature - Junction-65°C ~ 175°C	Voltage - DC Reverse (Vr) (Max)	600V
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Capacitance @ Vr, F  Mounting Type  Surface Mount  Package / Case  TO-252-3, DPak (2 Leads + Tab), SC-63  Supplier Device Package  TO-252, (D-Pak)  Operating Temperature - Junction  -65°C ~ 175°C	Reverse Recovery Time (trr)	-
Mounting Type Surface Mount  Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63  Supplier Device Package TO-252, (D-Pak)  Operating Temperature - Junction -65°C ~ 175°C	Current - Reverse Leakage @ Vr	10μA @ 600V
Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package TO-252, (D-Pak) Operating Temperature - Junction -65°C ~ 175°C	Capacitance @ Vr, F	-
Supplier Device Package $TO-252$ , $(D-Pak)$ Operating Temperature - Junction $-65^{\circ}C \sim 175^{\circ}C$	Mounting Type	Surface Mount
Operating Temperature - Junction -65°C ~ 175°C	Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
	Supplier Device Package	TO-252, (D-Pak)
Report errors?	Operating Temperature - Junction	-65°C ~ 175°C
		Report errors?

#### VS-12EWH06FN-M3 Guarantees



#### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

### VS-12EWH06FN-M3 Payment Methods



















# VS-12EWH06FN-M3 Shipping Methods













If you have any question about VS-12EWH06FN-M3, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com