



IMBD4148-HE3-08 Information



For Reference Only

Part Number IMBD4148-HE3-08

Manufacturer Vishay Semiconductor Diodes Division

Category Discrete Semiconductor Products

Diodes - Rectifiers - Single

Description DIODE GEN PURP 75V 150MA SOT23

Package TO-236-3, SC-59, SOT-23-3

For the pricing/inventory/lead time, please contact

us

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



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IMBD4148-HE3-08 Specifications

Manufacturer Part NumberIMBD4148-HE3-08ManufacturerVishay Semiconductor Diodes DivisionCategoryDiscrete Semiconductor ProductsBackageTO-236-3, SC-59, SOT-23-3SeriesAutomotive, AEC-Q101Diode TypeStandardVoltage - DC Reverse (Vr) (Max)75VCurrent - Average Rectified (Io)150mAVoltage - Forward (Vf) (Max) @ If1V @ 10mASpeedSmall Signal =< 200mA (Io), Any SpeedReverse Recovery Time (trr)4nsCurrent - Reverse Leakage @ Vr2.5µA @ 70VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23Operating Temperature - Junction150°C (Max)		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageTO-236-3, SC-59, SOT-23-3SeriesAutomotive, AEC-Q101Diode TypeStandardVoltage - DC Reverse (Vr) (Max)75VCurrent - Average Rectified (Io)150mAVoltage - Forward (Vf) (Max) @ If1V @ 10mASpeedSmall Signal =< 200mA (Io), Any Speed	Manufacturer Part Number	IMBD4148-HE3-08
Diodes - Rectifiers - Single Package TO-236-3, SC-59, SOT-23-3 Series Automotive, AEC-Q101 Diode Type Standard Voltage - DC Reverse (Vr) (Max) 75V Current - Average Rectified (Io) 150mA Voltage - Forward (Vf) (Max) @ If 1V @ 10mA Speed Small Signal =< 200mA (Io), Any Speed Reverse Recovery Time (trr) 4ns Current - Reverse Leakage @ Vr 2.5µA @ 70V Capacitance @ Vr, F Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package Operating Temperature - Junction 150°C (Max)	Manufacturer	Vishay Semiconductor Diodes Division
PackageTO-236-3, SC-59, SOT-23-3SeriesAutomotive, AEC-Q101Diode TypeStandardVoltage - DC Reverse (Vr) (Max)75VCurrent - Average Rectified (Io)150mAVoltage - Forward (Vf) (Max) @ IfIV @ 10mASpeedSmall Signal =< 200mA (Io), Any Speed	Category	Discrete Semiconductor Products
SeriesAutomotive, AEC-Q101Diode TypeStandardVoltage - DC Reverse (Vr) (Max)75 VCurrent - Average Rectified (Io)150mAVoltage - Forward (Vf) (Max) @ If1V @ 10mASpeedSmall Signal =< 200mA (Io), Any Speed		Diodes - Rectifiers - Single
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Voltage - DC Reverse (Vr) (Max) Current - Average Rectified (Io) 150mA Voltage - Forward (Vf) (Max) @ If Speed Reverse Recovery Time (trr) 4ns Current - Reverse Leakage @ Vr Capacitance @ Vr, F Mounting Type Package / Case Surface Mount TO-236-3, SC-59, SOT-23-3 Supplier Device Package Operating Temperature - Junction 75V 150mA 1V @ 10mA Speed Ans 2.5µA @ 70V 2.5µA @ 70V To-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23 Operating Temperature - Junction	Series	Automotive, AEC-Q101
Current - Average Rectified (Io)150mAVoltage - Forward (Vf) (Max) @ If1V @ 10mASpeedSmall Signal =< 200mA (Io), Any Speed	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If Speed Small Signal =< 200mA (Io), Any Speed Reverse Recovery Time (trr) 4ns Current - Reverse Leakage @ Vr Capacitance @ Vr, F Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package Operating Temperature - Junction 150°C (Max)	Voltage - DC Reverse (Vr) (Max)	75V
SpeedSmall Signal =< 200mA (Io), Any SpeedReverse Recovery Time (trr)4nsCurrent - Reverse Leakage @ Vr2.5μA @ 70VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23Operating Temperature - Junction150°C (Max)	Current - Average Rectified (Io)	150mA
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Current - Reverse Leakage @ Vr Capacitance @ Vr, F Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package Operating Temperature - Junction 2.5µA @ 70V - Surface Mount TO-236-3, SC-59, SOT-23-3 SOT-23-3 SOT-23-3 Operating Temperature - Junction	Speed	Small Signal =< 200mA (Io), Any Speed
Capacitance @ Vr, F Mounting Type Surface Mount TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23 Operating Temperature - Junction Surface Mount TO-236-3, SC-59, SOT-23-3 SOT-23-3 SOT-23 Operating Temperature - Junction	Reverse Recovery Time (trr)	4ns
Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23 Operating Temperature - Junction 150°C (Max)	Current - Reverse Leakage @ Vr	2.5μA @ 70V
Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23 Operating Temperature - Junction 150°C (Max)	Capacitance @ Vr, F	-
Supplier Device Package SOT-23 Operating Temperature - Junction 150°C (Max)	Mounting Type	Surface Mount
Operating Temperature - Junction 150°C (Max)	Package / Case	TO-236-3, SC-59, SOT-23-3
	Supplier Device Package	SOT-23
Report errors?	Operating Temperature - Junction	150°C (Max)
		Report errors?

IMBD4148-HE3-08 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.

IMBD4148-HE3-08 Payment Methods



















IMBD4148-HE3-08 Shipping Methods













If you have any question about IMBD4148-HE3-08, please do not hesitate to contact us!

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