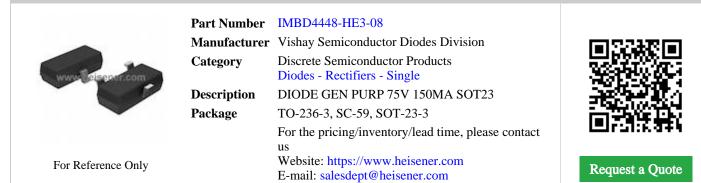


IMBD4448-HE3-08

IMBD4448-HE3-08 Information



Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



IMBD4448-HE3-08 Specifications

ManufacturerVishay Semiconductor Diodes DivisionCategoryDiscrete 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) @ IfIV @ 10mASpeedSmall Signal =< 200mA (Io), Any SpeedReverse Recovery Time (trr)2.5µA @ 70VCurrent - Reverse Leakage @ Vr2.5µA @ 70VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23		
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) @ IfIV @ 10mASpeedSmall Signal =< 200mA (Io), Any Speed	Manufacturer Part Number	IMBD4448-HE3-08
Diodes - Rectifiers - SinglePackageTO-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	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) @ If1V @ 10mASpeedSmall Signal =< 200mA (Io), Any Speed	Category	Discrete Semiconductor Products
SeriesAutomotive, AEC-Q101Diode TypeStandardVoltage - DC Reverse (Vr) (Max)75VCurrent - Average Rectified (Io)150mAVoltage - Forward (Vf) (Max) @ IfIV @ 10mASpeedSmall Signal =< 200mA (Io), Any Speed		Diodes - Rectifiers - Single
Diode TypeStandardDiode TypeStandardVoltage - DC Reverse (Vr) (Max)75VCurrent - Average Rectified (Io)150mAVoltage - Forward (Vf) (Max) @ If1V @ 10mASpeedSmall Signal =< 200mA (Io), Any Speed	Package	TO-236-3, SC-59, SOT-23-3
Voltage - DC Reverse (Vr) (Max)75VCurrent - Average Rectified (Io)150mAVoltage - Forward (Vf) (Max) @ If1V @ 10mASpeedSmall Signal =< 200mA (Io), Any Speed	Series	Automotive, AEC-Q101
Current - Average Rectified (Io)150mAVoltage - Forward (Vf) (Max) @ IfIV @ 10mASpeedSmall Signal =< 200mA (Io), Any Speed	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ IfIV @ 10mASpeedSmall Signal =< 200mA (Io), Any Speed	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
Reverse 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)	Voltage - Forward (Vf) (Max) @ If	1V @ 10mA
Current - 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)	Speed	Small Signal =< 200mA (Io), Any Speed
Capacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23Operating Temperature - Junction150°C (Max)	Reverse Recovery Time (trr)	4ns
Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23Operating Temperature - Junction150°C (Max)	Current - Reverse Leakage @ Vr	2.5µA @ 70V
Package / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23Operating Temperature - Junction150°C (Max)	Capacitance @ Vr, F	-
Supplier Device PackageSOT-23Operating Temperature - Junction150°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?

IMBD4448-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.

IMBD4448-HE3-08 Payment Methods



IMBD4448-HE3-08 Shipping Methods



If you have any question about IMBD4448-HE3-08, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com