

1N4151WS-E3-08

1N4151WS-E3-08 Information

www.telsener.com	 1N4151WS-E3-08 Vishay Semiconductor Diodes Division Discrete Semiconductor Products Diodes - Rectifiers - Single DIODE GEN PURP 50V 150MA SOD323 SC-76, SOD-323 For the pricing/inventory/lead time, please contact	
For Reference Only	us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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.



1N4151WS-E3-08 Specifications

ManufacturerVishay Semiconductor Diodes DivisionCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageSC-76, SOD-323Series-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)50VCurrent - Average Rectified (Io)150mAVoltage - Forward (Vf) (Max) @ IfIV @ 50mASpeedSmall Signal =< 200mA (Io), Any SpeedReverse Recovery Time (trr)SonA @ 50VCurrent - Reverse Leakage @ VrSonA @ 50VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseSC-76, SOD-323Supplier Device PackageSOD-323		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageSC-76, SOD-323Series-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)50VCurrent - Average Rectified (Io)150mAVoltage - Forward (Vf) (Max) @ IfIV @ 50mASpeedSmall Signal =< 200mA (Io), Any Speed	Manufacturer Part Number	1N4151WS-E3-08
Diodes - Rectifiers - SinglePackageSC-76, SOD-323Series-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)50VCurrent - Average Rectified (Io)150mAVoltage - Forward (Vf) (Max) @ IfIV @ 50mASpeedSmall Signal =< 200mA (Io), Any Speed	Manufacturer	Vishay Semiconductor Diodes Division
PackageSC-76, SOD-323Series-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)50VCurrent - Average Rectified (Io)150mAVoltage - Forward (Vf) (Max) @ If1V @ 50mASpeedSmall Signal =< 200mA (Io), Any Speed	Category	Discrete Semiconductor Products
Series-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)50VCurrent - Average Rectified (Io)150mAVoltage - Forward (Vf) (Max) @ If1V @ 50mASpeedSmall Signal =< 200mA (Io), Any Speed		Diodes - Rectifiers - Single
Diode TypeStandardDiode TypeStandardVoltage - DC Reverse (Vr) (Max)50VCurrent - Average Rectified (Io)150mAVoltage - Forward (Vf) (Max) @ If1V @ 50mASpeedSmall Signal =< 200mA (Io), Any Speed	Package	SC-76, SOD-323
Voltage - DC Reverse (Vr) (Max)50VCurrent - Average Rectified (Io)150mAVoltage - Forward (Vf) (Max) @ If1V @ 50mASpeedSmall Signal =< 200mA (Io), Any Speed	Series	-
Current - Average Rectified (Io)150mAVoltage - Forward (Vf) (Max) @ IfIV @ 50mASpeedSmall Signal =< 200mA (Io), Any Speed	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ IfIV @ 50mASpeedSmall Signal =< 200mA (Io), Any Speed	Voltage - DC Reverse (Vr) (Max)	50V
SpeedSmall Signal =< 200mA (Io), Any SpeedReverse Recovery Time (trr)4nsCurrent - Reverse Leakage @ Vr50nA @ 50VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseSC-76, SOD-323Supplier Device PackageSOD-323Operating Temperature - Junction-55°C ~ 150°C	Current - Average Rectified (Io)	150mA
Reverse Recovery Time (trr)4nsCurrent - Reverse Leakage @ Vr50nA @ 50VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseSC-76, SOD-323Supplier Device PackageSOD-323Operating Temperature - Junction-55°C ~ 150°C	Voltage - Forward (Vf) (Max) @ If	1V @ 50mA
Current - Reverse Leakage @ Vr50nA @ 50VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseSC-76, SOD-323Supplier Device PackageSOD-323Operating Temperature - Junction-55°C ~ 150°C	Speed	Small Signal =< 200mA (Io), Any Speed
Capacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseSC-76, SOD-323Supplier Device PackageSOD-323Operating Temperature - Junction-55°C ~ 150°C	Reverse Recovery Time (trr)	4ns
Mounting TypeSurface MountPackage / CaseSC-76, SOD-323Supplier Device PackageSOD-323Operating Temperature - Junction-55°C ~ 150°C	Current - Reverse Leakage @ Vr	50nA @ 50V
Package / CaseSC-76, SOD-323Supplier Device PackageSOD-323Operating Temperature - Junction-55°C ~ 150°C	Capacitance @ Vr, F	-
Supplier Device PackageSOD-323Operating Temperature - Junction-55°C ~ 150°C	Mounting Type	Surface Mount
Operating Temperature - Junction $-55^{\circ}\text{C} \sim 150^{\circ}\text{C}$	Package / Case	SC-76, SOD-323
	Supplier Device Package	SOD-323
Report errors?	Operating Temperature - Junction	-55°C ~ 150°C
		Report errors?

1N4151WS-E3-08 Guarantees



Quality Guarantees

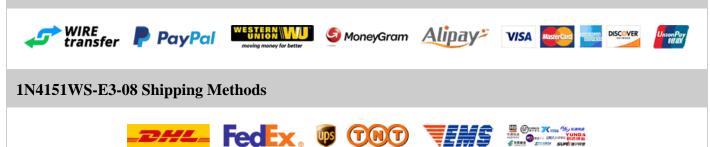
We provide 90 days warranty. * If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

1N4151WS-E3-08 Payment Methods



If you have any question about 1N4151WS-E3-08, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com