

# 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

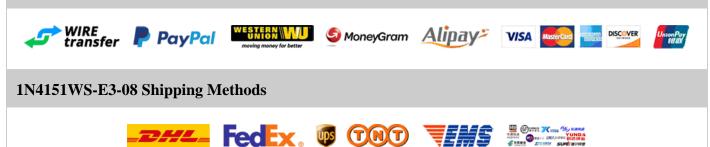
We provide 90 days warranty. \* If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **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