

**1N4591 Information**


For Reference Only

**Part Number** [1N4591](#)  
**Manufacturer** Powerex Inc.  
**Category** Discrete Semiconductor Products  
     [Diodes - Rectifiers - Single](#)  
**Description** DIODE GEN PURP 500V 150A DO205AA  
**Package** DO-205AA, DO-8, Stud  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**1N4591 Specifications**

Manufacturer Part Number	<a href="#">1N4591</a>
Manufacturer	Powerex Inc.
Category	Discrete Semiconductor Products <a href="#">Diodes - Rectifiers - Single</a>
Package	DO-205AA, DO-8, Stud
Series	-
Diode Type	Standard
Voltage - DC Reverse (Vr) (Max)	500V
Current - Average Rectified (Io)	150A
Voltage - Forward (Vf) (Max) @ If	-
Speed	Standard Recovery >500ns, > 200mA (Io)
Reverse Recovery Time (trr)	-
Current - Reverse Leakage @ Vr	8mA @ 500V
Capacitance @ Vr, F	-
Mounting Type	Chassis, Stud Mount
Package / Case	DO-205AA, DO-8, Stud
Supplier Device Package	DO-205AA (DO-8)
Operating Temperature - Junction	-60°C ~ 200°C

[Report errors?](#)

## 1N4591 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.

## 1N4591 Payment Methods



## 1N4591 Shipping Methods



If you have any question about 1N4591, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)