

### 1N4588 Information

Heisener.com

1N4588 Part Number

Manufacturer GeneSiC Semiconductor

Category Discrete Semiconductor Products

Diodes - Rectifiers - Single

**Description** DIODE GEN PURP 200V 150A DO205AA

DO-205AA, DO-8, Stud **Package** 

For the pricing/inventory/lead time, please contact

Website: https://www.heisener.com For Reference Only

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## **Certified Quality**

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# **1N4588 Specifications**

Manufacturer Part Number  Manufacturer  GeneSiC Semiconductor  Discrete Semiconductor Products  Diodes - Rectifiers - Single  Package  DO-205AA, DO-8, Stud  Series  - Diode Type  Standard  Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr)  - Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  Mounting Type  Chassis, Stud Mount  Package / Case  DO-205AA, DO-8, Stud  Operating Temperature - Junction  -60°C ~ 200°C		
Category  Discrete Semiconductor Products  Diodes - Rectifiers - Single  Package  DO-205AA, DO-8, Stud  Series  - Diode Type  Standard  Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  1.5V @ 150A  Speed  Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr)  - Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  Mounting Type  Chassis, Stud Mount  Package / Case  DO-205AA, DO-8, Stud  Supplier Device Package  DO-205AA (DO-8)	Manufacturer Part Number	1N4588
Diodes - Rectifiers - Single  Package DO-205AA, DO-8, Stud  Series - Diode Type Standard  Voltage - DC Reverse (Vr) (Max) Current - Average Rectified (Io) 150A  Voltage - Forward (Vf) (Max) @ If 1.5V @ 150A  Speed Standard Recovery > 500ns, > 200mA (Io)  Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr 9.5mA @ 200V  Capacitance @ Vr, F  Mounting Type Chassis, Stud Mount Package / Case DO-205AA, DO-8, Stud  Supplier Device Package DO-205AA (DO-8)	Manufacturer	GeneSiC Semiconductor
Package DO-205AA, DO-8, Stud  Series - Diode Type Standard  Voltage - DC Reverse (Vr) (Max) 200V  Current - Average Rectified (Io) 150A  Voltage - Forward (Vf) (Max) @ If 1.5V @ 150A  Speed Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr) -  Current - Reverse Leakage @ Vr 9.5mA @ 200V  Capacitance @ Vr, F -  Mounting Type Chassis, Stud Mount  Package / Case DO-205AA, DO-8, Stud  Supplier Device Package DO-205AA (DO-8)	Category	Discrete Semiconductor Products
Series - Diode Type Standard  Voltage - DC Reverse (Vr) (Max) 200V  Current - Average Rectified (Io) 150A  Voltage - Forward (Vf) (Max) @ If 1.5V @ 150A  Speed Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr 9.5mA @ 200V  Capacitance @ Vr, F - Mounting Type Chassis, Stud Mount  Package / Case DO-205AA, DO-8, Stud  Supplier Device Package DO-205AA (DO-8)		Diodes - Rectifiers - Single
Diode Type  Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  Speed  Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr)  - Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  Mounting Type  Chassis, Stud Mount  Package / Case  Supplier Device Package  Standard  1.5V @ 150A  1.5V @ 150A	Package	DO-205AA, DO-8, Stud
Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  1.5V @ 150A  Speed  Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr)  - Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  Mounting Type  Chassis, Stud Mount  Package / Case  DO-205AA, DO-8, Stud  Supplier Device Package  DO-205AA (DO-8)	Series	-
Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  Speed  Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr)  - Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  Mounting Type  Chassis, Stud Mount  Package / Case  DO-205AA, DO-8, Stud  Supplier Device Package  DO-205AA (DO-8)	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If  Speed  Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr)  - Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  Mounting Type  Chassis, Stud Mount  Package / Case  DO-205AA, DO-8, Stud  Supplier Device Package  DO-205AA (DO-8)	Voltage - DC Reverse (Vr) (Max)	200V
Speed Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr) -  Current - Reverse Leakage @ Vr 9.5mA @ 200V  Capacitance @ Vr, F -  Mounting Type Chassis, Stud Mount  Package / Case DO-205AA, DO-8, Stud  Supplier Device Package DO-205AA (DO-8)	Current - Average Rectified (Io)	150A
Reverse Recovery Time (trr)  Current - Reverse Leakage @ Vr  9.5mA @ 200V  Capacitance @ Vr, F  Mounting Type  Chassis, Stud Mount  Package / Case  DO-205AA, DO-8, Stud  Supplier Device Package  DO-205AA (DO-8)	Voltage - Forward (Vf) (Max) @ If	1.5V @ 150A
Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  Mounting Type  Chassis, Stud Mount  Package / Case  DO-205AA, DO-8, Stud  Supplier Device Package  DO-205AA (DO-8)	Speed	Standard Recovery >500ns, > 200mA (Io)
Capacitance @ Vr, F -  Mounting Type Chassis, Stud Mount  Package / Case DO-205AA, DO-8, Stud  Supplier Device Package DO-205AA (DO-8)	Reverse Recovery Time (trr)	-
Mounting Type Chassis, Stud Mount Package / Case DO-205AA, DO-8, Stud Supplier Device Package DO-205AA (DO-8)	Current - Reverse Leakage @ Vr	9.5mA @ 200V
Package / Case DO-205AA, DO-8, Stud Supplier Device Package DO-205AA (DO-8)	Capacitance @ Vr, F	-
Supplier Device Package DO-205AA (DO-8)	Mounting Type	Chassis, Stud Mount
	Package / Case	DO-205AA, DO-8, Stud
Operating Temperature - Junction -60°C ~ 200°C	Supplier Device Package	DO-205AA (DO-8)
	Operating Temperature - Junction	-60°C ~ 200°C
Report errors?		Report errors?

### 1N4588 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.

### **1N4588 Payment Methods**



















## 1N4588 Shipping Methods













If you have any question about 1N4588, please do not hesitate to contact us!

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