



### VS-1N1199A Information



For Reference Only

Part Number VS-1N1199A

Manufacturer Vishay Semiconductor Diodes Division

**Category** Discrete Semiconductor Products

Diodes - Rectifiers - Single

**Description** DIODE GEN PURP 50V 12A DO203AA

Package DO-203AA, DO-4, Stud

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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# **Certified Quality**

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# **VS-1N1199A Specifications**

Manufacturer Part Number  Manufacturer  Vishay Semiconductor Diodes Division  Category  Discrete Semiconductor Products  Diodes - Rectifiers - Single  Package  DO-203AA, DO-4, Stud  Series  - Diode Type  Standard  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  SmA @ 50V  Capacitance @ Vr, F  Mounting Type  Chassis, Stud Mount  Package / Case  DO-203AA, DO-4, Stud  Supplier Device Package  DO-203AA  Operating Temperature - Junction  Vishay Semiconductor Diodes Division  Diovice Semiconductor Products  Do-203AA  Vishay Semiconductor Diodes Division  Diovice Semiconductor Products  Do-203AA  Vishay Semiconductor Products  Do-203AA  Operating Temperature - Junction  Package / Case  Report errors?		
Discrete Semiconductor Products  Diodes - Rectifiers - Single  Package DO-203AA, DO-4, Stud  Series - Diode Type Standard  Voltage - DC Reverse (Vr) (Max) Current - Average Rectified (Io) 12A  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-203AA, DO-4, Stud Supplier Device Package DO-203AA Operating Temperature - Junction  DO-203AA  Operating Temperature - Junction	Manufacturer Part Number	VS-1N1199A
Diodes - Rectifiers - Single  DO-203AA, DO-4, Stud  Series  - Diode Type  Standard  Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  12A  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-203AA, DO-4, Stud  Supplier Device Package  DO-203AA  Operating Temperature - Junction  DO-203AA  Operating Temperature - Junction	Manufacturer	Vishay Semiconductor Diodes Division
Package DO-203AA, DO-4, Stud  Series - Diode Type Standard  Voltage - DC Reverse (Vr) (Max) 50V  Current - Average Rectified (Io) 12A  Voltage - Forward (Vf) (Max) @ If 1.35V @ 12A  Speed Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr 3mA @ 50V  Capacitance @ Vr, F  Mounting Type Chassis, Stud Mount  Package / Case DO-203AA, DO-4, Stud  Supplier Device Package DO-203AA  Operating Temperature - Junction -65°C ~ 200°C	Category	Discrete Semiconductor Products
Diode Type  Standard  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  DO-203AA, DO-4, Stud  Operating Temperature - Junction  - Standard  Supplier Device Package  DO-203AA  Operating Temperature - Junction		Diodes - Rectifiers - Single
Diode Type  Standard  Voltage - DC Reverse (Vr) (Max)  50V  Current - Average Rectified (Io)  12A  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-203AA, DO-4, Stud  Supplier Device Package  Operating Temperature - Junction  Standard  50V  1.35V @ 12A  1.35V @	Package	DO-203AA, DO-4, Stud
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  DO-203AA, DO-4, Stud  Supplier Device Package  Operating Temperature - Junction  50V  1.35V @ 12A  Standard Recovery > 500ns, > 200mA (Io)  - Chassis, Stud Mount  Chassis, Stud Mount  DO-203AA, DO-4, Stud  Supplier Device Package  Operating Temperature - Junction	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-203AA, DO-4, Stud  Supplier Device Package  Operating Temperature - Junction  12A  1.35V @	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-203AA, DO-4, Stud  Supplier Device Package  DO-203AA  Operating Temperature - Junction  1.35V @ 12A  1.35V @	Voltage - DC Reverse (Vr) (Max)	50V
Speed Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr) -  Current - Reverse Leakage @ Vr 3mA @ 50V  Capacitance @ Vr, F -  Mounting Type Chassis, Stud Mount  Package / Case DO-203AA, DO-4, Stud  Supplier Device Package DO-203AA  Operating Temperature - Junction -65°C ~ 200°C	Current - Average Rectified (Io)	12A
Reverse Recovery Time (trr)  Current - Reverse Leakage @ Vr  SmA @ 50V  Capacitance @ Vr, F  Mounting Type  Chassis, Stud Mount  Package / Case  DO-203AA, DO-4, Stud  Supplier Device Package  DO-203AA  Operating Temperature - Junction  -65°C ~ 200°C	Voltage - Forward (Vf) (Max) @ If	1.35V @ 12A
Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  Mounting Type  Chassis, Stud Mount  Package / Case  DO-203AA, DO-4, Stud  Supplier Device Package  DO-203AA  Operating Temperature - Junction  3mA @ 50V  Chassis, Stud Mount  DO-203AA, DO-4, Stud  DO-203AA  -65°C ~ 200°C	Speed	Standard Recovery >500ns, > 200mA (Io)
Capacitance @ Vr, F -  Mounting Type Chassis, Stud Mount  Package / Case DO-203AA, DO-4, Stud  Supplier Device Package DO-203AA  Operating Temperature - Junction -65°C ~ 200°C	Reverse Recovery Time (trr)	-
Mounting Type Chassis, Stud Mount  Package / Case DO-203AA, DO-4, Stud  Supplier Device Package DO-203AA  Operating Temperature - Junction -65°C ~ 200°C	Current - Reverse Leakage @ Vr	3mA @ 50V
Package / Case DO-203AA, DO-4, Stud Supplier Device Package DO-203AA Operating Temperature - Junction -65°C ~ 200°C	Capacitance @ Vr, F	-
Supplier Device Package DO-203AA  Operating Temperature - Junction -65°C ~ 200°C	Mounting Type	Chassis, Stud Mount
Operating Temperature - Junction -65°C ~ 200°C	Package / Case	DO-203AA, DO-4, Stud
	Supplier Device Package	DO-203AA
Report errors?	Operating Temperature - Junction	-65°C ~ 200°C
		Report errors?

#### **VS-1N1199A 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.

# VS-1N1199A Payment Methods



















## **VS-1N1199A Shipping Methods**













If you have any question about VS-1N1199A, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com