

## VS-ST330S12Q0 Information

Heisener.com

Part Number VS-ST330S12Q0

Manufacturer Vishay Semiconductor Diodes Division

**Category** Discrete Semiconductor Products

Thyristors - SCRs

**Description** SCR 1200V 520A TO-118 **Package** TO-209AE, TO-118-4, Stud

For the pricing/inventory/lead time, please contact

us

For Reference Only

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



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## **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.









# VS-ST330S12Q0 Specifications

Manufacturer Part Number  Manufacturer  Vishay Semiconductor Diodes Division  Discrete Semiconductor Products Thyristors - SCRs  Package TO-209AE, TO-118-4, Stud  Series  Voltage - Off State Voltage - Gate Trigger (Vgt) (Max)  Current - Gate Trigger (Igt) (Max)  Voltage - On State (Vtm) (Max)  Current - On State (It (AV)) (Max)  Current - On State (It (RMS)) (Max)  Current - Hold (Ih) (Max)  Current - Hold (Ih) (Max)  Current - Off State (Max)  Current - Non Rep. Surge 50, 60Hz (Itsm)  SCR Type Standard Recovery  Operating Temperature  Mounting Type Chassis, Stud Mount  Package / Case TO-209AE, TO-118-4, Stud  Report errors?		
CategoryDiscrete Semiconductor ProductsThyristors - SCRsPackageTO-209AE, TO-118-4, StudSeries-Voltage - Off State1200VVoltage - Gate Trigger (Vgt) (Max)3VCurrent - Gate Trigger (Igt) (Max)200mAVoltage - On State (Vtm) (Max)1.52VCurrent - On State (It (AV)) (Max)330ACurrent - On State (It (RMS)) (Max)520ACurrent - Hold (Ih) (Max)600mACurrent - Off State (Max)50mACurrent - Non Rep. Surge 50, 60Hz (Itsm)7570A, 7920ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeChassis, Stud MountPackage / CaseTO-209AE, TO-118-4, StudSupplier Device PackageTO-209AE (TO-118)	Manufacturer Part Number	VS-ST330S12Q0
Package         TO-209AE, TO-118-4, Stud           Series         -           Voltage - Off State         1200V           Voltage - Gate Trigger (Vgt) (Max)         3V           Current - Gate Trigger (Igt) (Max)         200mA           Voltage - On State (Vtm) (Max)         1.52V           Current - On State (It (AV)) (Max)         330A           Current - On State (It (RMS)) (Max)         520A           Current - Hold (Ih) (Max)         600mA           Current - Off State (Max)         50mA           Current - Non Rep. Surge 50, 60Hz (Itsm)         7570A, 7920A           SCR Type         Standard Recovery           Operating Temperature         -40°C ~ 125°C           Mounting Type         Chassis, Stud Mount           Package / Case         TO-209AE, TO-118-4, Stud           Supplier Device Package         TO-209AE (TO-118)	Manufacturer	Vishay Semiconductor Diodes Division
Package TO-209AE, TO-118-4, Stud  Series - Voltage - Off State Voltage - Gate Trigger (Vgt) (Max) 3V  Current - Gate Trigger (Igt) (Max) 200mA  Voltage - On State (Vtm) (Max) 1.52V  Current - On State (It (AV)) (Max) 330A  Current - On State (It (RMS)) (Max) 520A  Current - Hold (Ih) (Max) 600mA  Current - Off State (Max) 50mA  Current - Non Rep. Surge 50, 60Hz (Itsm) 7570A, 7920A  SCR Type Standard Recovery  Operating Temperature -40°C ~ 125°C  Mounting Type Chassis, Stud Mount  Package / Case TO-209AE, TO-118-4, Stud  Supplier Device Package TO-209AE (TO-118)	Category	Discrete Semiconductor Products
Series - Coltage - Off State 1200V  Voltage - Gate Trigger (Vgt) (Max) 3V  Current - Gate Trigger (Igt) (Max) 200mA  Voltage - On State (Vtm) (Max) 1.52V  Current - On State (It (AV)) (Max) 330A  Current - On State (It (RMS)) (Max) 520A  Current - Hold (Ih) (Max) 600mA  Current - Off State (Max) 50mA  Current - Non Rep. Surge 50, 60Hz (Itsm) 7570A, 7920A  SCR Type Standard Recovery  Operating Temperature -40°C ~ 125°C  Mounting Type Chassis, Stud Mount  Package / Case TO-209AE, TO-118-4, Stud  Supplier Device Package TO-209AE (TO-118)		Thyristors - SCRs
Voltage - Off State  Voltage - Gate Trigger (Vgt) (Max)  Current - Gate Trigger (Igt) (Max)  Voltage - On State (Vtm) (Max)  Current - On State (It (AV)) (Max)  Current - On State (It (RMS)) (Max)  Current - On State (It (RMS)) (Max)  520A  Current - Hold (Ih) (Max)  600mA  Current - Off State (Max)  Current - Non Rep. Surge 50, 60Hz (Itsm)  57570A, 7920A  SCR Type  Standard Recovery  Operating Temperature  -40°C ~ 125°C  Mounting Type  Chassis, Stud Mount  Package / Case  TO-209AE, TO-118-4, Stud  Supplier Device Package	Package	TO-209AE, TO-118-4, Stud
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Current - Gate Trigger (Igt) (Max)  Voltage - On State (Vtm) (Max)  1.52V  Current - On State (It (AV)) (Max)  330A  Current - On State (It (RMS)) (Max)  520A  Current - Hold (Ih) (Max)  600mA  Current - Off State (Max)  Current - Non Rep. Surge 50, 60Hz (Itsm)  7570A, 7920A  SCR Type  Standard Recovery  Operating Temperature  -40°C ~ 125°C  Mounting Type  Chassis, Stud Mount  Package / Case  TO-209AE, TO-118-4, Stud  Supplier Device Package	Voltage - Off State	1200V
Voltage - On State (Vtm) (Max)  Current - On State (It (AV)) (Max)  330A  Current - On State (It (RMS)) (Max)  520A  Current - Hold (Ih) (Max)  600mA  Current - Off State (Max)  50mA  Current - Non Rep. Surge 50, 60Hz (Itsm)  7570A, 7920A  SCR Type  Standard Recovery  Operating Temperature  -40°C ~ 125°C  Mounting Type  Chassis, Stud Mount  Package / Case  TO-209AE, TO-118-4, Stud  Supplier Device Package  TO-209AE (TO-118)	Voltage - Gate Trigger (Vgt) (Max)	3V
Current - On State (It (AV)) (Max)  Current - On State (It (RMS)) (Max)  520A  Current - Hold (Ih) (Max)  600mA  Current - Off State (Max)  Current - Non Rep. Surge 50, 60Hz (Itsm)  50mA  Current - Non Rep. Surge 50, 60Hz (Itsm)  5770A, 7920A  SCR Type  Standard Recovery  Operating Temperature  -40°C ~ 125°C  Mounting Type  Chassis, Stud Mount  Package / Case  TO-209AE, TO-118-4, Stud  Supplier Device Package	Current - Gate Trigger (Igt) (Max)	200mA
Current - On State (It (RMS)) (Max)  Current - Hold (Ih) (Max)  600mA  Current - Off State (Max)  50mA  Current - Non Rep. Surge 50, 60Hz (Itsm)  7570A, 7920A  SCR Type  Standard Recovery  Operating Temperature  -40°C ~ 125°C  Mounting Type  Chassis, Stud Mount  Package / Case  TO-209AE, TO-118-4, Stud  Supplier Device Package  TO-209AE (TO-118)	Voltage - On State (Vtm) (Max)	1.52V
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SCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeChassis, Stud MountPackage / CaseTO-209AE, TO-118-4, StudSupplier Device PackageTO-209AE (TO-118)	Current - Off State (Max)	50mA
Operating Temperature  -40°C ~ 125°C  Mounting Type  Chassis, Stud Mount  TO-209AE, TO-118-4, Stud  Supplier Device Package  TO-209AE (TO-118)	Current - Non Rep. Surge 50, 60Hz (Itsm)	7570A, 7920A
Mounting Type Chassis, Stud Mount Package / Case TO-209AE, TO-118-4, Stud Supplier Device Package TO-209AE (TO-118)	SCR Type	Standard Recovery
Package / Case TO-209AE, TO-118-4, Stud Supplier Device Package TO-209AE (TO-118)	Operating Temperature	-40°C ~ 125°C
Supplier Device Package TO-209AE (TO-118)	Mounting Type	Chassis, Stud Mount
	Package / Case	TO-209AE, TO-118-4, Stud
Report errors?	Supplier Device Package	TO-209AE (TO-118)
		Report errors?

## VS-ST330S12Q0 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-ST330S12Q0 Payment Methods



















## VS-ST330S12Q0 Shipping Methods













If you have any question about VS-ST330S12Q0, please do not hesitate to contact us!

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