

VS-ST083S08PFN1P

VS-ST083S08PFN1P Information

Heisener.com

Part Number VS-ST083S08PFN1P

Manufacturer Vishay Semiconductor Diodes Division

Category Discrete Semiconductor Products

Thyristors - SCRs

Description SCR 800V 135A TO-94 **Package** TO-209AC, TO-94-4, Stud

For the pricing/inventory/lead time, please contact

us

For Reference Only

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.









VS-ST083S08PFN1P Specifications

| Manufacturer Part Number Manufacturer Vishay Semiconductor Diodes Division Discrete Semiconductor Products Thyristors - SCRs Package TO-209AC, TO-94-4, Stud Series Voltage - Off State Voltage - Gate Trigger (Vgt) (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 - Off State (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) SCR Type Operating Temperature Mounting Type Chassis, Stud Mount Package / Case TO-209AC, TO-94-4, Stud Report errors? | | |
|--|--|--------------------------------------|
| CategoryDiscrete Semiconductor ProductsPackageTO-209AC, TO-94-4, StudSeries-Voltage - Off State800VVoltage - Gate Trigger (Vgt) (Max)3VCurrent - Gate Trigger (Igt) (Max)200mAVoltage - On State (Vtm) (Max)2.15VCurrent - On State (It (AV)) (Max)85ACurrent - On State (It (RMS)) (Max)135ACurrent - Hold (Ih) (Max)600mACurrent - Off State (Max)30mACurrent - Non Rep. Surge 50, 60Hz (Itsm)2060A, 2160ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeChassis, Stud MountPackage / CaseTO-209AC, TO-94-4, StudSupplier Device PackageTO-209AC (TO-94) | Manufacturer Part Number | VS-ST083S08PFN1P |
| Package TO-209AC, TO-94-4, Stud Series - Voltage - Off State Voltage - Gate Trigger (Vgt) (Max) 3V Current - Gate Trigger (Igt) (Max) 200mA Voltage - On State (Vtm) (Max) 2.15V Current - On State (It (AV)) (Max) 85A Current - On State (It (RMS)) (Max) 135A Current - Hold (Ih) (Max) 600mA Current - Off State (Max) 30mA Current - Non Rep. Surge 50, 60Hz (Itsm) 2060A, 2160A SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Chassis, Stud Mount Package / Case TO-209AC, TO-94-4, Stud Supplier Device Package TO-209AC (TO-94) | Manufacturer | Vishay Semiconductor Diodes Division |
| PackageTO-209AC, TO-94-4, StudSeries-Voltage - Off State800VVoltage - Gate Trigger (Vgt) (Max)3VCurrent - Gate Trigger (Igt) (Max)200mAVoltage - On State (Vtm) (Max)2.15VCurrent - On State (It (AV)) (Max)85ACurrent - On State (It (RMS)) (Max)135ACurrent - Hold (Ih) (Max)600mACurrent - Off State (Max)30mACurrent - Non Rep. Surge 50, 60Hz (Itsm)2060A, 2160ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeChassis, Stud MountPackage / CaseTO-209AC, TO-94-4, StudSupplier Device PackageTO-209AC (TO-94) | Category | Discrete Semiconductor Products |
| Series - Voltage - Off State 800V Voltage - Gate Trigger (Vgt) (Max) 3V Current - Gate Trigger (Igt) (Max) 200mA Voltage - On State (Vtm) (Max) 2.15V Current - On State (It (AV)) (Max) 85A Current - On State (It (RMS)) (Max) 135A Current - Hold (Ih) (Max) 600mA Current - Off State (Max) 30mA Current - Non Rep. Surge 50, 60Hz (Itsm) 2060A, 2160A SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Chassis, Stud Mount Package / Case TO-209AC, TO-94-4, Stud Supplier Device Package | | 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) Current - Hold (Ih) (Max) Current - Off State (Max) Current - Off State (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Chassis, Stud Mount Package / Case TO-209AC, TO-94-4, Stud Supplier Device Package TO-209AC (TO-94) | Package | TO-209AC, TO-94-4, Stud |
| 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) 135A Current - Hold (Ih) (Max) 600mA Current - Off State (Max) 30mA Current - Non Rep. Surge 50, 60Hz (Itsm) SCR Type Standard Recovery Operating Temperature 40°C ~ 125°C Mounting Type Chassis, Stud Mount Package / Case TO-209AC, TO-94-4, Stud Supplier Device Package TO-209AC (TO-94) | Series | - |
| Current - Gate Trigger (Igt) (Max) Voltage - On State (Vtm) (Max) 2.15V Current - On State (It (AV)) (Max) 85A Current - On State (It (RMS)) (Max) 135A Current - Hold (Ih) (Max) 600mA Current - Off State (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) 2060A, 2160A SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Chassis, Stud Mount Package / Case TO-209AC, TO-94-4, Stud Supplier Device Package TO-209AC (TO-94) | Voltage - Off State | 800V |
| 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 -40°C ~ 125°C Mounting Type Chassis, Stud Mount Package / Case TO-209AC, TO-94-4, Stud Supplier Device Package TO-209AC (TO-94) | Voltage - Gate Trigger (Vgt) (Max) | 3V |
| Current - On State (It (AV)) (Max) Current - On State (It (RMS)) (Max) 135A Current - Hold (Ih) (Max) 600mA Current - Off State (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) 2060A, 2160A SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Chassis, Stud Mount Package / Case TO-209AC, TO-94-4, Stud Supplier Device Package TO-209AC (TO-94) | Current - Gate Trigger (Igt) (Max) | 200mA |
| Current - On State (It (RMS)) (Max) Current - Hold (Ih) (Max) 600mA Current - Off State (Max) 30mA Current - Non Rep. Surge 50, 60Hz (Itsm) 2060A, 2160A SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Chassis, Stud Mount Package / Case TO-209AC, TO-94-4, Stud Supplier Device Package TO-209AC (TO-94) | Voltage - On State (Vtm) (Max) | 2.15V |
| Current - Hold (Ih) (Max) Current - Off State (Max) 30mA Current - Non Rep. Surge 50, 60Hz (Itsm) 2060A, 2160A SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Chassis, Stud Mount Package / Case TO-209AC, TO-94-4, Stud Supplier Device Package | Current - On State (It (AV)) (Max) | 85A |
| Current - Off State (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) 2060A, 2160A SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Chassis, Stud Mount Package / Case TO-209AC, TO-94-4, Stud Supplier Device Package TO-209AC (TO-94) | Current - On State (It (RMS)) (Max) | 135A |
| Current - Non Rep. Surge 50, 60Hz (Itsm) 2060A, 2160A SCR Type Standard Recovery -40°C ~ 125°C Mounting Type Chassis, Stud Mount Package / Case TO-209AC, TO-94-4, Stud Supplier Device Package TO-209AC (TO-94) | Current - Hold (Ih) (Max) | 600mA |
| SCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeChassis, Stud MountPackage / CaseTO-209AC, TO-94-4, StudSupplier Device PackageTO-209AC (TO-94) | Current - Off State (Max) | 30mA |
| Operating Temperature -40°C ~ 125°C Mounting Type Chassis, Stud Mount TO-209AC, TO-94-4, Stud Supplier Device Package TO-209AC (TO-94) | Current - Non Rep. Surge 50, 60Hz (Itsm) | 2060A, 2160A |
| Mounting Type Chassis, Stud Mount Package / Case TO-209AC, TO-94-4, Stud Supplier Device Package TO-209AC (TO-94) | SCR Type | Standard Recovery |
| Package / Case TO-209AC, TO-94-4, Stud Supplier Device Package TO-209AC (TO-94) | Operating Temperature | -40°C ~ 125°C |
| Supplier Device Package TO-209AC (TO-94) | Mounting Type | Chassis, Stud Mount |
| ., , , | Package / Case | TO-209AC, TO-94-4, Stud |
| Report errors? | Supplier Device Package | TO-209AC (TO-94) |
| La contraction de la contracti | | Report errors? |

VS-ST083S08PFN1P 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-ST083S08PFN1P Payment Methods



















VS-ST083S08PFN1P Shipping Methods













If you have any question about VS-ST083S08PFN1P, please do not hesitate to contact us!

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