



## T507028044AQ Information

Heisener.com

Part Number T507028044AQ
Manufacturer Powerex Inc.

Category Discrete Semiconductor Products

Thyristors - SCRs

**Description** SCR INV STUD 80A 200V 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



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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.









## **T507028044AQ Specifications**

Manufacturer Part Number  Manufacturer  Powerex Inc.  Discrete Semiconductor Products Thyristors - SCRs  Package TO-209AC, TO-94-4, 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 Stud Mount  Package / Case TO-209AC, TO-94-4, Stud  Report errors?		
Category  Discrete Semiconductor Products Thyristors - SCRs  Package  TO-209AC, TO-94-4, Stud  Series  - Voltage - Off State Voltage - Gate Trigger (Vgt) (Max)  Current - Gate Trigger (Igt) (Max)  Voltage - On State (Vtm) (Max)  150mA  Voltage - On State (Vtm) (Max)  22V  Current - On State (It (AV)) (Max)  80A  Current - On State (It (RMS)) (Max)  125A  Current - Hold (Ih) (Max)  - Current - Hold (Ih) (Max)  5CR Type  Standard Recovery  Operating Temperature  A0°C ~ 125°C  Mounting Type  Stud Mount  Package / Case  TO-209AC, TO-94-4, Stud  Surding To-94  TO-94	Manufacturer Part Number	T507028044AQ
Thyristors - SCRs  Package TO-209AC, TO-94-4, Stud  Series - Voltage - Off State 200V  Voltage - Gate Trigger (Vgt) (Max) 3V  Current - Gate Trigger (Igt) (Max) 150mA  Voltage - On State (Vtm) (Max) 3.2V  Current - On State (It (AV)) (Max) 80A  Current - On State (It (RMS)) (Max) 125A  Current - Hold (Ih) (Max) - Current - Off State (Max) 15mA  Current - Non Rep. Surge 50, 60Hz (Itsm) 1400A @ 60Hz  SCR Type Standard Recovery Operating Temperature 40°C ~ 125°C  Mounting Type Stud Mount Package / Case TO-209AC, TO-94-4, Stud Supplier Device Package	Manufacturer	Powerex Inc.
Package TO-209AC, TO-94-4, Stud  Series - Voltage - Off State Voltage - Gate Trigger (Vgt) (Max) 3V  Current - Gate Trigger (Igt) (Max) 150mA  Voltage - On State (Vtm) (Max) 3.2V  Current - On State (It (AV)) (Max) 80A  Current - On State (It (RMS)) (Max) 125A  Current - Hold (Ih) (Max) -  Current - Off State (Max) 15mA  Current - Non Rep. Surge 50, 60Hz (Itsm) 1400A @ 60Hz  SCR Type Standard Recovery  Operating Temperature -40°C ~ 125°C  Mounting Type Stud Mount  Package / Case TO-209AC, TO-94-4, Stud  Supplier Device Package	Category	Discrete Semiconductor Products
Series - Voltage - Off State 200V  Voltage - Gate Trigger (Vgt) (Max) 3V  Current - Gate Trigger (Igt) (Max) 150mA  Voltage - On State (Vtm) (Max) 3.2V  Current - On State (It (AV)) (Max) 80A  Current - On State (It (RMS)) (Max) 125A  Current - Hold (Ih) (Max) - Current - Off State (Max) 15mA  Current - On Rep. Surge 50, 60Hz (Itsm) 1400A @ 60Hz  SCR Type Standard Recovery  Operating Temperature -40°C ~ 125°C  Mounting Type 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 - 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  Stud Mount  Package / Case  TO-209AC, TO-94-4, Stud  Supplier Device Package	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)  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  Stud Mount  Package / Case  TO-209AC, TO-94-4, Stud  Supplier Device Package	Series	-
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  -40°C ~ 125°C  Mounting Type  Stud Mount  Package / Case  TO-209AC, TO-94-4, Stud  Supplier Device Package	Voltage - Off State	200V
Voltage - On State (Vtm) (Max)  Current - On State (It (AV)) (Max)  80A  Current - On State (It (RMS)) (Max)  125A  Current - Hold (Ih) (Max)  - Current - Off State (Max)  15mA  Current - Non Rep. Surge 50, 60Hz (Itsm)  1400A @ 60Hz  SCR Type  Standard Recovery  Operating Temperature  -40°C ~ 125°C  Mounting Type  Stud Mount  Package / Case  TO-209AC, TO-94-4, Stud  Supplier Device Package	Voltage - Gate Trigger (Vgt) (Max)	3V
Current - On State (It (AV)) (Max)  Current - On State (It (RMS)) (Max)  125A  Current - Hold (Ih) (Max)  - Current - Off State (Max)  Current - Non Rep. Surge 50, 60Hz (Itsm)  1400A @ 60Hz  SCR Type  Standard Recovery  Operating Temperature  -40°C ~ 125°C  Mounting Type  Stud Mount  Package / Case  TO-209AC, TO-94-4, Stud  Supplier Device Package	Current - Gate Trigger (Igt) (Max)	150mA
Current - On State (It (RMS)) (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  Stud Mount  Package / Case  TO-209AC, TO-94-4, Stud  Supplier Device Package  TO-94	Voltage - On State (Vtm) (Max)	3.2V
Current - Hold (Ih) (Max)  Current - Off State (Max)  15mA  Current - Non Rep. Surge 50, 60Hz (Itsm)  1400A @ 60Hz  SCR Type  Standard Recovery  Operating Temperature  -40°C ~ 125°C  Mounting Type  Stud Mount  Package / Case  TO-209AC, TO-94-4, Stud  Supplier Device Package	Current - On State (It (AV)) (Max)	80A
Current - Off State (Max)  Current - Non Rep. Surge 50, 60Hz (Itsm)  1400A @ 60Hz  SCR Type  Standard Recovery  Operating Temperature  -40°C ~ 125°C  Mounting Type  Stud Mount  Package / Case  TO-209AC, TO-94-4, Stud  Supplier Device Package	Current - On State (It (RMS)) (Max)	125A
Current - Non Rep. Surge 50, 60Hz (Itsm)  SCR Type  Standard Recovery  -40°C ~ 125°C  Mounting Type  Stud Mount  Package / Case  TO-209AC, TO-94-4, Stud  Supplier Device Package	Current - Hold (Ih) (Max)	-
SCR Type Standard Recovery  -40°C ~ 125°C  Mounting Type Stud Mount  Package / Case TO-209AC, TO-94-4, Stud  Supplier Device Package TO-94	Current - Off State (Max)	15mA
Operating Temperature  -40°C ~ 125°C  Mounting Type  Stud Mount  Package / Case  TO-209AC, TO-94-4, Stud  Supplier Device Package  TO-94	Current - Non Rep. Surge 50, 60Hz (Itsm)	1400A @ 60Hz
Mounting Type Stud Mount Package / Case TO-209AC, TO-94-4, Stud Supplier Device Package TO-94	SCR Type	Standard Recovery
Package / Case TO-209AC, TO-94-4, Stud Supplier Device Package TO-94	Operating Temperature	-40°C ~ 125°C
Supplier Device Package TO-94	Mounting Type	Stud Mount
	Package / Case	TO-209AC, TO-94-4, Stud
Report errors?	Supplier Device Package	TO-94
1		Report errors?

### T507028044AQ 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.

### **T507028044AQ Payment Methods**



















### **T507028044AQ Shipping Methods**













If you have any question about T507028044AQ, please do not hesitate to contact us!

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