

**ACST12-7ST Information**


For Reference Only

**Part Number** [ACST12-7ST](#)  
**Manufacturer** STMicroelectronics  
**Category** Discrete Semiconductor Products  
[Thyristors - TRIACs](#)  
**Description** TRIAC SENS GATE 700V 12A TO220AB  
**Package** TO-220-3  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**ACST12-7ST Specifications**

|   |  |
|---|--|
| Manufacturer Part Number                              | <a href="#">ACST12-7ST</a>   |
| Manufacturer  | STMicroelectronics   |
| Category  | Discrete Semiconductor Products<br><a href="#">Thyristors - TRIACs</a> |
| Package   | TO-220-3   |
| Series  | -  |
| Triac Type  | Logic - Sensitive Gate   |
| Voltage - Off State                                   | 700V   |
| Current - On State (I <sub>t</sub> (RMS)) (Max)       | 12A  |
| Voltage - Gate Trigger (V <sub>gt</sub> ) (Max)       | 1V   |
| Current - Non Rep. Surge 50, 60Hz (I <sub>tsm</sub> ) | 120A, 126A   |
| Current - Gate Trigger (I <sub>gt</sub> ) (Max)       | 10mA   |
| Current - Hold (I <sub>h</sub> ) (Max)                | 30mA   |
| Configuration   | Single   |
| Operating Temperature                                 | -40°C ~ 125°C (TJ)   |
| Mounting Type   | Through Hole   |
| Package / Case  | TO-220-3   |
| Supplier Device Package                               | TO-220AB   |

[Report errors?](#)

## ACST12-7ST 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.

## ACST12-7ST Payment Methods



## ACST12-7ST Shipping Methods



If you have any question about ACST12-7ST, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)