

**TM8050H-8D3-TR Information**


For Reference Only

**Part Number** [TM8050H-8D3-TR](#)  
**Manufacturer** STMicroelectronics  
**Category** Discrete Semiconductor Products  
[Thyristors - SCRs](#)  
**Description** 80 A HIGH TEMPERATURE THYRISTOR  
**Package** TO-268-3, D3Pak (2 Leads + Tab), TO-268AA  
 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.


**TM8050H-8D3-TR Specifications**

Manufacturer Part Number	<a href="#">TM8050H-8D3-TR</a>
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products <a href="#">Thyristors - SCRs</a>
Package	TO-268-3, D3Pak (2 Leads + Tab), TO-268AA
Series	-
Voltage - Off State	800V
Voltage - Gate Trigger (Vgt) (Max)	1.5V
Current - Gate Trigger (Igt) (Max)	50mA
Voltage - On State (Vtm) (Max)	1.55V
Current - On State (It (AV)) (Max)	50A
Current - On State (It (RMS)) (Max)	80A
Current - Hold (Ih) (Max)	100mA
Current - Off State (Max)	20µA
Current - Non Rep. Surge 50, 60Hz (Ism)	670A, 731A
SCR Type	Standard Recovery
Operating Temperature	-40°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Package / Case	TO-268-3, D3Pak (2 Leads + Tab), TO-268AA
Supplier Device Package	D3Pak

[Report errors?](#)

## TM8050H-8D3-TR 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.

## TM8050H-8D3-TR Payment Methods



## TM8050H-8D3-TR Shipping Methods



If you have any question about TM8050H-8D3-TR, please do not hesitate to contact us!

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