

**MCR12DSN-001 Information**


For Reference Only

**Part Number** [MCR12DSN-001](#)  
**Manufacturer** ON Semiconductor  
**Category** Discrete Semiconductor Products  
[Thyristors - SCRs](#)  
**Description** THYRISTOR SCR 12A 800V IPAK  
**Package** TO-251-3 Short Leads, IPak, TO-251AA  
 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.


**MCR12DSN-001 Specifications**

Manufacturer Part Number	<a href="#">MCR12DSN-001</a>
Manufacturer	ON Semiconductor
Category	Discrete Semiconductor Products <a href="#">Thyristors - SCRs</a>
Package	TO-251-3 Short Leads, IPak, TO-251AA
Series	-
Voltage - Off State	800V
Voltage - Gate Trigger (Vgt) (Max)	1V
Current - Gate Trigger (Igt) (Max)	200µA
Voltage - On State (Vtm) (Max)	1.9V
Current - On State (It (AV)) (Max)	7.6A
Current - On State (It (RMS)) (Max)	12A
Current - Hold (Ih) (Max)	6mA
Current - Off State (Max)	10µA
Current - Non Rep. Surge 50, 60Hz (Itsm)	100A @ 60Hz
SCR Type	Sensitive Gate
Operating Temperature	-40°C ~ 110°C
Mounting Type	Through Hole
Package / Case	TO-251-3 Short Leads, IPak, TO-251AA
Supplier Device Package	I-Pak

[Report errors?](#)

## MCR12DSN-001 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.

## MCR12DSN-001 Payment Methods



## MCR12DSN-001 Shipping Methods



If you have any question about MCR12DSN-001, please do not hesitate to contact us!

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

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