

**S12MD3 Information**


For Reference Only

**Part Number** [S12MD3](#)  
**Manufacturer** Sharp Microelectronics  
**Category** Isolators  
[Optoisolators - Triac, SCR Output](#)  
**Description** OPTOISOLATOR 1.5KV SCR 8DIP  
**Package** 8-DIP (0.300", 7.62mm)  
 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.


**S12MD3 Specifications**

Manufacturer Part Number	<a href="#">S12MD3</a>
Manufacturer	Sharp Microelectronics
Category	Isolators <a href="#">Optoisolators - Triac, SCR Output</a>
Package	8-DIP (0.300", 7.62mm)
Series	-
Output Type	SCR
Zero Crossing Circuit	No
Number of Channels	2
Voltage - Isolation	1500Vrms
Voltage - Off State	400V
Static dV/dt (Min)	3V/μs
Current - LED Trigger (I <sub>ft</sub> ) (Max)	15mA
Current - On State (I <sub>t</sub> (RMS)) (Max)	200mA
Current - Hold (I <sub>h</sub> )	1mA
Turn On Time	10μs
Voltage - Forward (V <sub>f</sub> ) (Typ)	1.2V
Current - DC Forward (I <sub>f</sub> ) (Max)	50mA
Operating Temperature	-30°C ~ 100°C
Mounting Type	Through Hole
Package / Case	8-DIP (0.300", 7.62mm)
Supplier Device Package	8-DIP
Approvals	UR

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## S12MD3 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.

## S12MD3 Payment Methods



## S12MD3 Shipping Methods



If you have any question about S12MD3, please do not hesitate to contact us!

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

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