

**MOC3082SM Information**


For Reference Only

**Part Number** [MOC3082SM](#)  
**Manufacturer** Fairchild/ON Semiconductor  
**Category** Isolators  
[Optoisolators - Triac, SCR Output](#)  
**Description** OPTOISOLATOR 4.17KV TRIAC 6SMD  
**Package** 6-SMD, Gull Wing  
 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.


**MOC3082SM Specifications**

Manufacturer Part Number	<a href="#">MOC3082SM</a>
Manufacturer	Fairchild/ON Semiconductor
Category	Isolators <a href="#">Optoisolators - Triac, SCR Output</a>
Package	6-SMD, Gull Wing
Series	-
Output Type	Triac
Zero Crossing Circuit	Yes
Number of Channels	1
Voltage - Isolation	4170Vrms
Voltage - Off State	800V
Static dV/dt (Min)	600V/μs
Current - LED Trigger (I <sub>ft</sub> ) (Max)	10mA
Current - On State (I <sub>t</sub> (RMS)) (Max)	-
Current - Hold (I <sub>h</sub> )	500μA (Typ)
Turn On Time	-
Voltage - Forward (V <sub>f</sub> ) (Typ)	1.3V
Current - DC Forward (I <sub>f</sub> ) (Max)	60mA
Operating Temperature	-40°C ~ 85°C
Mounting Type	Surface Mount
Package / Case	6-SMD, Gull Wing
Supplier Device Package	6-SMD
Approvals	UL

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## MOC3082SM 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.

## MOC3082SM Payment Methods



## MOC3082SM Shipping Methods



If you have any question about MOC3082SM, please do not hesitate to contact us!

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