

**MOC3051SM Information**


For Reference Only

**Part Number** [MOC3051SM](#)  
**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.


**MOC3051SM Specifications**

|                                                 |                                                                |
|-------------------------------------------------|----------------------------------------------------------------|
| Manufacturer Part Number                        | <a href="#">MOC3051SM</a>                                      |
| Manufacturer                                    | Fairchild/ON Semiconductor                                     |
| Category                                        | Isolators<br><a href="#">Optoisolators - Triac, SCR Output</a> |
| Package                                         | 6-SMD, Gull Wing                                               |
| Series                                          | -                                                              |
| Output Type                                     | Triac                                                          |
| Zero Crossing Circuit                           | No                                                             |
| Number of Channels                              | 1                                                              |
| Voltage - Isolation                             | 4170Vrms                                                       |
| Voltage - Off State                             | 600V                                                           |
| Static dV/dt (Min)                              | 1kV/μs                                                         |
| Current - LED Trigger (I <sub>ft</sub> ) (Max)  | 15mA                                                           |
| Current - On State (I <sub>t</sub> (RMS)) (Max) | -                                                              |
| Current - Hold (I <sub>h</sub> )                | 220μA (Typ)                                                    |
| Turn On Time                                    | -                                                              |
| Voltage - Forward (V <sub>f</sub> ) (Typ)       | 1.18V                                                          |
| 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                                       | UR                                                             |

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## MOC3051SM 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.

## MOC3051SM Payment Methods



## MOC3051SM Shipping Methods



If you have any question about MOC3051SM, please do not hesitate to contact us!

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

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