

**MOC3042TM Information**


For Reference Only

**Part Number** MOC3042TM  
**Manufacturer** Fairchild/ON Semiconductor  
**Category** Isolators  
[Optoisolators - Triac, SCR Output](#)  
**Description** OPTOISOLATOR 4.17KV TRIAC 6DIP  
**Package** 6-DIP (0.400", 10.16mm)  
 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.


**MOC3042TM Specifications**

Manufacturer Part Number	MOC3042TM
Manufacturer	Fairchild/ON Semiconductor
Category	Isolators <a href="#">Optoisolators - Triac, SCR Output</a>
Package	6-DIP (0.400", 10.16mm)
Series	-
Output Type	Triac
Zero Crossing Circuit	Yes
Number of Channels	1
Voltage - Isolation	4170Vrms
Voltage - Off State	400V
Static dV/dt (Min)	1kV/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> )	400μA (Typ)
Turn On Time	-
Voltage - Forward (V <sub>f</sub> ) (Typ)	1.25V
Current - DC Forward (I <sub>f</sub> ) (Max)	60mA
Operating Temperature	-40°C ~ 85°C
Mounting Type	Through Hole
Package / Case	6-DIP (0.400", 10.16mm)
Supplier Device Package	6-DIP
Approvals	UL

[Report errors?](#)

## MOC3042TM 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.

## MOC3042TM Payment Methods



## MOC3042TM Shipping Methods



If you have any question about MOC3042TM, please do not hesitate to contact us!

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

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