



Image may be representation.  
See specifications for product details.

## MOC3082M

Manufacturer Part Number	<b>MOC3082M</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-MOC3082M
ECAD Model	3D Model
Parts Description	OPTOISOLATOR 4.17KV TRIAC 6DIP
Package	6-DIP (0.300', 7.62mm)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**



MOC3082M - onsemi.New Original in Stock. Download Linear Technology MOC3082M datasheet/specifications on AllelcoElec.com.  
Request a quote for MOC3082M, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MOC3082M Tech Specifications  
MOC3082M - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package	Tube
Zero Crossing Circuit	Yes	Output Type	Triac
Voltage - Off State	800 V	Operating Temperature	-40°C ~ 85°C
Voltage - Isolation	4170Vrms	Number of Channels	1
Voltage - Forward (Vf) (Typ)	1.3V	Mounting Type	Through Hole
Turn On Time	-	Current - LED Trigger (If) (Max)	10mA
Supplier Device Package	6-DIP	Current - Hold (Ih)	500µA (Typ)
Static dV/dt (Min)	600V/µs	Current - DC Forward (If) (Max)	60 mA
Series	-	Base Product Number	MOC308
Package / Case	6-DIP (0.300', 7.62mm)	Approval Agency	UL

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MOC3082M

Product Attribute				
Part Number	MOC3082M	<b>MOC3082TVM</b>	<b>MOC3081SVM</b>	<b>MOC3082TVM</b>
Manufacturer	onsemi	onsemi	onsemi	Fairchild Semiconductor
Voltage - Off State	800 V	800 V	800 V	800 V
Series	-	-	-	-
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Current - LED Trigger (If) (Max)	10mA	10mA	15mA	10mA
Base Product Number	MOC308	MOC308	MOC308	MOC308
Turn On Time	-	-	-	-
Package / Case	6-DIP (0.300', 7.62mm)	6-DIP (0.400', 10.16mm)	6-SMD, Gull Wing	6-DIP (0.400", 10.16mm)
Supplier Device Package	6-DIP	6-DIP	6-SMD	6-DIP
Voltage - Isolation	4170Vrms	4170Vrms	4170Vrms	4170Vrms
Current - DC Forward (If) (Max)	60 mA	60 mA	60 mA	60 mA
Approval Agency	UL	IEC/EN/DIN, UL	IEC/EN/DIN, UL	IEC/EN/DIN, UL
Mounting Type	Through Hole	Through Hole	Surface Mount	Through Hole
Static dV/dt (Min)	600V/µs	600V/µs	600V/µs	600V/µs
Zero Crossing Circuit	Yes	Yes	Yes	Yes
Number of Channels	1	1	1	1
Voltage - Forward (Vf) (Typ)	1.3V	1.3V	1.3V	1.3V
Current - Hold (Ih)	500µA (Typ)	500µA (Typ)	500µA (Typ)	500µA (Typ)
Package	Tube	Tube	Tube	Bulk
Output Type	Triac	Triac	Triac	Triac

### MOC3082M Datasheet PDF

Download MOC3082M pdf datasheets and onsemi documentation for MOC3082M - onsemi.

#### Datasheets

[Cylindrical Battery Holders.pdf](#)

#### Environmental Information

[onsemi RoHS.pdf](#)



















[Material Declaration MOC3082M.pdf](#)

#### PCN Design/Specification

PCN Packaging

Customers Also Interested in

Recommended Products

					
<b>MOC3082TVM</b> onsemi OPTOISOLATOR 4.17KV TRIAC 6DIP	<b>MOC3081XSM</b> Isocom Components	<b>MOC3081SVM</b> onsemi OPTOISOLATOR 4.17KV TRIAC 6SMD	<b>MOC3082TVM</b> Fairchild Semiconductor TRIAC OUTPUT OPTOCOUPLER WITH ZE	<b>MOC3081TVM</b> onsemi OPTOISOLATOR 4.17KV TRIAC 6DIP	<b>MOC3081TM</b> onsemi OPTOISOLATOR 4.17KV TRIAC 6DIP
					
<b>MOC3082VVM</b> onsemi OPTOISOLATOR 4.17KV TRIAC 6DIP	<b>MOC3081SR2M</b> onsemi OPTOISOLATOR 4.17KV TRIAC 6SMD	<b>MOC3083</b> Lite-On Inc. OPTOISOLATOR 5KV TRIAC 6DIP	<b>MOC3082M</b> Fairchild Semiconductor TRIAC OUTPUT OPTOCOUPLER WITH ZE	<b>MOC3082VVM</b> Fairchild Semiconductor TRIAC OUTPUT OPTOCOUPLER WITH ZE	<b>MOC3082SM</b> Fairchild Semiconductor TRIAC OUTPUT OPTOCOUPLER WITH ZE
					
<b>MOC3082SR2VM</b> onsemi OPTOISOLATOR 4.17KV TRIAC 6SMD	<b>MOC3081X</b> Isocom Components	<b>MOC3082SM</b> onsemi OPTOISOLATOR 4.17KV TRIAC 6SMD	<b>MOC3082FR2VM</b> onsemi OPTOISOLATOR 7.5KV TRIAC 6SMD	<b>MOC3081SVM</b> Fairchild Semiconductor TRIAC OUTPUT OPTOCOUPLER WITH ZE	<b>MOC3082SR2M</b> onsemi OPTOISOLATOR 4.17KV TRIAC 6SMD

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
  - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00




Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support


The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -

 Efficient Supply Management	 Cost-Saving Procurement	 Fast Sourcing & Delivery
--	--	---

Contact us if you have any questions.

 Phone +00852 9146 4856	 Email info@allelco.com
--	--

Certifications & Memberships



View More

Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong  
Phone: +00852 9146 4856  
Fax: +00852 3010 8510  
Email: info@Allelco.com