



Image may be representation.
See specifications for product details.



MOC3011M

| | |
|--------------------------|---|
| Manufacturer Part Number | MOC3011M |
| Manufacturer | onsemi |
| Allelco Part Number | 32D-MOC3011M |
| ECAD Model | PCB Symbol, Footprint & 3D Mode |
| Parts Description | OPTOISOLATOR 4.17KV TRIAC 6DIP |
| Package | 6-DIP (0.300", 7.62mm) |
| Data sheet | Cylindrical Battery Holders.pdf |
| | MOC3010-12M, MOC3020-23M.pdf |
| RoHs Status | ROHS3 Compliant |

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MOC3011M - onsemi.New Original in Stock. Download Linear Technology MOC3011M datasheet/specifications on AllelcoElec.com.
Request a quote for MOC3011M, please send us email: info@allelco.com

Specifications

MOC3011M Tech Specifications
MOC3011M - onsemi technical specifications, attributes, parameters

| Product Attribute | Attribute Value | Product Attribute | Attribute Value |
|------------------------------|------------------------|----------------------------------|-----------------|
| Manufacturer | onsemi | Package | Tube |
| Zero Crossing Circuit | No | Output Type | Triac |
| Voltage - Off State | 250 V | Operating Temperature | -40°C ~ 85°C |
| Voltage - Isolation | 4170Vrms | Number of Channels | 1 |
| Voltage - Forward (Vf) (Typ) | 1.15V | Mounting Type | Through Hole |
| Turn On Time | - | Current - LED Trigger (If) (Max) | 10mA |
| Supplier Device Package | 6-DIP | Current - Hold (Ih) | 100µA (Typ) |
| Static dV/dt (Min) | - | Current - DC Forward (If) (Max) | 60 mA |
| Series | - | Base Product Number | MOC301 |
| 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 MOC3011M

| Product Attribute | | | | |
|----------------------------------|------------------------|----------------------------|------------------------|------------------|
| Part Number | MOC3011M | MOC3010X | MOC3012M | MOC3011SR2M |
| Manufacturer | onsemi | Isocom Components 2004 LTD | onsemi | onsemi |
| Zero Crossing Circuit | No | No | No | No |
| Series | - | - | - | - |
| Voltage - Isolation | 4170Vrms | 5300Vrms | 4170Vrms | 4170Vrms |
| Number of Channels | 1 | 1 | 1 | 1 |
| Approval Agency | UL | UR, VDE | UL | UL |
| Current - DC Forward (If) (Max) | 60 mA | 50 mA | 60 mA | 60 mA |
| Voltage - Off State | 250 V | 250 V | 250 V | 250 V |
| Base Product Number | MOC301 | MOC301 | MOC301 | MOC301 |
| Static dV/dt (Min) | - | 10V/µs (Typ) | - | - |
| Operating Temperature | -40°C ~ 85°C | -40°C ~ 100°C | -40°C ~ 85°C | -40°C ~ 85°C |
| Package | Tube | Tube | Tube | Tape & Reel (TR) |
| Current - LED Trigger (If) (Max) | 10mA | 15mA | 5mA | 10mA |
| Turn On Time | - | - | - | - |
| Supplier Device Package | 6-DIP | - | 6-DIP | 6-SMD |
| Package / Case | 6-DIP (0.300", 7.62mm) | 6-DIP (0.300", 7.62mm) | 6-DIP (0.300", 7.62mm) | 6-SMD, Gull Wing |
| Output Type | Triac | Triac | Triac | Triac |
| Current - Hold (Ih) | 100µA (Typ) | 100µA | 100µA (Typ) | 100µA (Typ) |
| Voltage - Forward (Vf) (Typ) | 1.15V | 1.2V | 1.15V | 1.15V |
| Mounting Type | Through Hole | Through Hole | Through Hole | Surface Mount |

MOC3011M Datasheet PDF

Download MOC3011M pdf datasheets and onsemi documentation for MOC3011M - onsemi.

Datasheets

[Cylindrical Battery Holders.pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)

[onsemi REACH.pdf](#)

[Material Declaration MOC3011M.pdf](#)

PCN Design/Specification

[MOC3011M PCN Design/Specification.pdf](#)

[MOC3011M PCN Design/Specification.pdf](#)

PCN Packaging







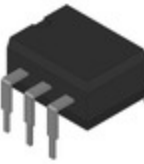











2.73KHz.pdf

HTML Datasheet

MOC3010-12M, MOC3020-23M.pdf

Customers Also Interested in

Recommended Products

| | | | | | |
|---|---|---|--|---|---|
|  |  |  |  |  |  |
| MOC3010X Isocom Components 2004 LTD OPTOISOLATOR 5.3KV TRIAC 6DIP | MOC3012M onsemi OPTOISOLATOR 4.17KV TRIAC 6DIP | MOC3011SR2M onsemi OPTOISOLATOR 4.17KV TRIAC 6SMD | MOC3011 onsemi ISOL 5.3KVRMS 1CH TRIAC OUT 6DIP | MOC3010SR2 MOTOROLA | MOC3012.3SD QTC |
|  |  |  |  |  |  |
| MOC3012SR2M Fairchild Semiconductor TRIAC OUTPUT OPTOCOUPLER, 5300V | MOC3010SM onsemi OPTOISOLATOR 4.17KV TRIAC 6SMD | MOC3011SM onsemi OPTOISOLATOR 4.17KV TRIAC 6SMD | MOC3010VM onsemi OPTOISOLATOR 4.17KV TRIAC 6DIP | MOC3012SR2M onsemi OPTOISOLATOR 4.17KV TRIAC 6SMD | MOC3010SR2M onsemi OPTOISOLATOR 4.17KV TRIAC 6SMD |
|  |  |  |  |  |  |
| MOC3012 Texas Instruments TRIAC OUTPUT OPTOCOUPLER | MOC3011XSMT Isocom Components | MOC3010M onsemi OPTOISOLATOR 4.17KV TRIAC 6DIP | MOC3010SR2VM onsemi OPTOISOLATOR 4.17KV TRIAC 6SMD | MOC3010SM Fairchild Semiconductor TRIAC OUTPUT OPTOCOUPLER, 5300V | MOC3012SM 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.



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|--|--|---|
|  Efficient Supply Management |  Cost-Saving Procurement |  Fast Sourcing & Delivery |
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Contact us if you have any questions.

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|--|--|
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|--|--|

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