

ON Semiconductor®  
ON

AMI Semiconductor / ON

Semiconductor



Part Number:  
Manufacturer/Brand:  
Product description  
Datasheets:  
RoHs Status  
Stock Condition  
Ship From  
Shipment Way

MOC3031TM  
AMI Semiconductor / ON Semiconductor  
OPTOISOLATOR 4.17KV TRIAC 6DIP  
 MOC3031TM.pdf  
 Lead free / RoHS Compliant  
4835 pcs stock  
Hong Kong  
DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

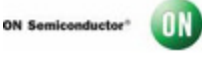
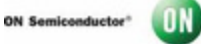
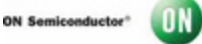
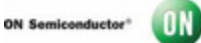
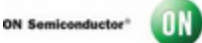
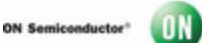
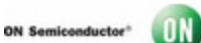
Specifications of MOC3031TM

|                                   |                                                                                                   |
|-----------------------------------|---------------------------------------------------------------------------------------------------|
| PART NUMBER                       | MOC3031TM                                                                                         |
| MANUFACTURER                      | AMI Semiconductor / ON Semiconductor                                                              |
| DESCRIPTION                       | OPTOISOLATOR 4.17KV TRIAC 6DIP                                                                    |
| LEAD FREE STATUS / ROHS STATUS    | Lead free / RoHS Compliant                                                                        |
| QUANTITY AVAILABLE                | 4835 pcs                                                                                          |
| DATA SHEET                        |  MOC3031TM.pdf |
| ZERO CROSSING CIRCUIT             | Yes                                                                                               |
| VOLTAGE - OFF STATE               | 250V                                                                                              |
| VOLTAGE - ISOLATION               | 4170Vrms                                                                                          |
| VOLTAGE - FORWARD (VF) (TYP)      | 1.25V                                                                                             |
| TURN ON TIME                      | -                                                                                                 |
| SUPPLIER DEVICE PACKAGE           | 6-DIP                                                                                             |
| STATIC DV/DT (MIN)                | 1kV/μs                                                                                            |
| SERIES                            | -                                                                                                 |
| PACKAGING                         | Tube                                                                                              |
| PACKAGE / CASE                    | 6-DIP (0.400", 10.16mm)                                                                           |
| OUTPUT TYPE                       | Triac                                                                                             |
| OPERATING TEMPERATURE             | -40°C ~ 85°C                                                                                      |
| NUMBER OF CHANNELS                | 1                                                                                                 |
| MOUNTING TYPE                     | Through Hole                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL)  | 1 (Unlimited)                                                                                     |
| LEAD FREE STATUS / ROHS STATUS    | Lead free / RoHS Compliant                                                                        |
| DETAILED DESCRIPTION              | Optoisolator Triac Output 4170Vrms 1 Channel 6-DIP                                                |
| CURRENT - LED TRIGGER (IFT) (MAX) | 15mA                                                                                              |
| CURRENT - HOLD (IH)               | 400μA (Typ)                                                                                       |
| CURRENT - DC FORWARD (IF) (MAX)   | 60mA                                                                                              |
| APPROVALS                         | UL                                                                                                |

Related Tags

|                                                     |                                                      |                                                    |
|-----------------------------------------------------|------------------------------------------------------|----------------------------------------------------|
| AMI Semiconductor / ON Semiconductor MOC3031TM      | MOC3031TM Distributor                                | MOC3031TM Supplier                                 |
| MOC3031TM Price                                     | MOC3031TM Pictures                                   | MOC3031TM Image                                    |
| MOC3031TM PDF Datasheet                             | MOC3031TM Download Datasheet                         | MOC3031TM Datasheet                                |
| MOC3031TM Stock                                     | Buy MOC3031TM                                        | Buy AMI Semiconductor / ON Semiconductor MOC3031TM |
| AMI Semiconductor / ON Semiconductor MOC3031TM      | AMI Semiconductor / ON Semiconductor Supplier        | AMI Semiconductor / ON Semiconductor Distributor   |
| AMI Semiconductor / ON Semiconductor MOC3031TM      | ON Semiconductor MOC3031TM                           | Aptina / ON Semiconductor MOC3031TM                |
| Catalyst Semiconductor / ON Semiconductor MOC3031TM | PulseCore Semiconductor / ON Semiconductor MOC3031TM | Sanyo Semiconductor / ON Semiconductor MOC3031TM   |

Related Products

|                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>MOC3031SM</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISOLATOR 4.17KV TRIAC 6SMD<br/>In stock: 62861 pcs<br/>RFQ</div>    | <div></div> <div><b>MOC3032FR2M</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISOLATOR 7.5KV TRIAC 6SMD<br/>In stock: 3521 pcs<br/>RFQ</div>   |
| <div></div> <div><b>MOC3031SR2M</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISOLATOR 4.17KV TRIAC 6SMD<br/>In stock: 178686 pcs<br/>RFQ</div> | <div></div> <div><b>MOC3031M</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISOLATOR 4.17KV TRIAC 6DIP<br/>In stock: 78019 pcs<br/>RFQ</div>    |
| <div></div> <div><b>MOC3031SVM</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISOLATOR 4.17KV TRIAC 6SMD<br/>In stock: 6268 pcs<br/>RFQ</div>    | <div></div> <div><b>MOC3032FM</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISOLATOR 7.5KV TRIAC 6SMD<br/>In stock: 7071 pcs<br/>RFQ</div>     |
| <div></div> <div><b>MOC3032FVM</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISOLATOR 7.5KV TRIAC 6SMD<br/>In stock: 3385 pcs<br/>RFQ</div>     | <div></div> <div><b>MOC3031SR2VM</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISOLATOR 4.17KV TRIAC 6SMD<br/>In stock: 6051 pcs<br/>RFQ</div> |
| <div></div> <div><b>MOC3032FR2VM</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISOLATOR 7.5KV TRIAC 6SMD<br/>In stock: 6497 pcs<br/>RFQ</div>   | <div></div> <div><b>MOC3031VM</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISOLATOR 4.17KV TRIAC 6DIP<br/>In stock: 3294 pcs<br/>RFQ</div>    |
| <div></div> <div><b>MOC3031SDM</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISOLATOR 4.17KV TRIAC 6SMD<br/>In stock: 5919 pcs<br/>RFQ</div>    | <div></div> <div><b>MOC3031TVM</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISOLATOR 4.17KV TRIAC 6DIP<br/>In stock: 5885 pcs<br/>RFQ</div>   |