

ON Semiconductor®  
ON

AMI Semiconductor / ON

Semiconductor



FODM3012

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | FODM3012                                                                                                     |
| Manufacturer/Brand: | AMI Semiconductor / ON Semiconductor                                                                         |
| Product description | OPTOISOLATOR 3.75KV TRIAC 4MFP                                                                               |
| Datasheets:         |  FODM3012.pdf               |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 3946 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of FODM3012

|                                     |                                                                                                  |
|-------------------------------------|--------------------------------------------------------------------------------------------------|
| PART NUMBER                         | FODM3012                                                                                         |
| MANUFACTURER                        | AMI Semiconductor / ON Semiconductor                                                             |
| DESCRIPTION                         | OPTOISOLATOR 3.75KV TRIAC 4MFP                                                                   |
| LEAD FREE STATUS / ROHS STATUS      | Lead free / RoHS Compliant                                                                       |
| QUANTITY AVAILABLE                  | 3946 pcs                                                                                         |
| DATA SHEET                          |  FODM3012.pdf |
| ZERO CROSSING CIRCUIT               | No                                                                                               |
| VOLTAGE - OFF STATE                 | 250V                                                                                             |
| VOLTAGE - ISOLATION                 | 3750Vrms                                                                                         |
| VOLTAGE - FORWARD (VF) (TYP)        | 1.2V                                                                                             |
| TURN ON TIME                        | -                                                                                                |
| SUPPLIER DEVICE PACKAGE             | 4-Mini-Flat                                                                                      |
| STATIC DV/DT (MIN)                  | 10V/μs (Typ)                                                                                     |
| SERIES                              | -                                                                                                |
| PACKAGING                           | Tube                                                                                             |
| PACKAGE / CASE                      | 4-SMD, Gull Wing                                                                                 |
| OUTPUT TYPE                         | Triac                                                                                            |
| OTHER NAMES                         | FODM3012_NL<br>FODM3012_NL-ND<br>FODM3012FS<br>FODM3012FS-ND                                     |
| OPERATING TEMPERATURE               | -40°C ~ 100°C                                                                                    |
| NUMBER OF CHANNELS                  | 1                                                                                                |
| MOUNTING TYPE                       | Surface Mount                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL)    | 1 (Unlimited)                                                                                    |
| LEAD FREE STATUS / ROHS STATUS      | Lead free / RoHS Compliant                                                                       |
| DETAILED DESCRIPTION                | Optoisolator Triac Output 3750Vrms 1 Channel 4-Mini-Flat                                         |
| CURRENT - ON STATE (IT (RMS)) (MAX) | 70mA                                                                                             |
| CURRENT - LED TRIGGER (IFT) (MAX)   | 5mA                                                                                              |
| CURRENT - HOLD (IH)                 | 300μA (Typ)                                                                                      |
| CURRENT - DC FORWARD (IF) (MAX)     | 60mA                                                                                             |
| APPROVALS                           | BSI, CSA, UL                                                                                     |

Related Tags

|                                                    |                                                     |                                                   |
|----------------------------------------------------|-----------------------------------------------------|---------------------------------------------------|
| AMI Semiconductor / ON Semiconductor FODM3012      | FODM3012 Distributor                                | FODM3012 Supplier                                 |
| FODM3012 Price                                     | FODM3012 Pictures                                   | FODM3012 Image                                    |
| FODM3012 PDF Datasheet                             | FODM3012 Download Datasheet                         | FODM3012 Datasheet                                |
| FODM3012 Stock                                     | Buy FODM3012                                        | Buy AMI Semiconductor / ON Semiconductor FODM3012 |
| AMI Semiconductor / ON Semiconductor FODM3012      | AMI Semiconductor / ON Semiconductor Supplier       | AMI Semiconductor / ON Semiconductor Distributor  |
| AMI Semiconductor / ON Semiconductor FODM3012      | ON Semiconductor FODM3012                           | Aptina / ON Semiconductor FODM3012                |
| Catalyst Semiconductor / ON Semiconductor FODM3012 | PulseCore Semiconductor / ON Semiconductor FODM3012 | Sanyo Semiconductor / ON Semiconductor FODM3012   |

Related Products

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| <div></div> <div><b>FODM3011R3</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISOLATOR 3.75KV TRIAC 4MFP<br/>In stock: 4703 pcs<br/><div>RFQ</div></div>         | <div></div> <div><b>FODM3011R3V</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISOLATOR 3.75KV TRIAC 4MFP<br/>In stock: 5126 pcs<br/><div>RFQ</div></div>      |
| <div></div> <div><b>FODM3012R1</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISOLATOR 3.75KV TRIAC 4MFP<br/>In stock: 5806 pcs<br/><div>RFQ</div></div>         | <div></div> <div><b>FODM3011R4</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISOLATOR 3.75KV TRIAC 4MFP<br/>In stock: 5752 pcs<br/><div>RFQ</div></div>       |
| <div></div> <div><b>FODM3011_NF098</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISOLATOR 3.75KV TRIAC 4SMD<br/>In stock: 4344 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>FODM3012R1_NF098</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISOLATOR 3.75KV TRIAC 4MFP<br/>In stock: 6440 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>FODM3012-NF098</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISOLATOR 3.75KV TRIAC 4SMD<br/>In stock: 84382 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>FODM3011R4V</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISOLATOR 3.75KV TRIAC 4MFP<br/>In stock: 6090 pcs<br/><div>RFQ</div></div>      |
| <div></div> <div><b>FODM3012R2</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISOLATOR 3.75KV TRIAC 4MFP<br/>In stock: 3546 pcs<br/><div>RFQ</div></div>         | <div></div> <div><b>FODM3012R1V</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISOLATOR 3.75KV TRIAC 4MFP<br/>In stock: 4331 pcs<br/><div>RFQ</div></div>      |
| <div></div> <div><b>FODM3012R2-NF098</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISOLATOR 3.75KV TRIAC 4SMD<br/>In stock: 263099 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>FODM3011V</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISOLATOR 3.75KV TRIAC 4MFP<br/>In stock: 2810 pcs<br/><div>RFQ</div></div>        |