

ON Semiconductor®  
ON

AMI Semiconductor / ON



Image may be representation. See specifications for product details.

FOD2712R1

|                     |                                      |
|---------------------|--------------------------------------|
| Part Number:        | FOD2712R1                            |
| Manufacturer/Brand: | AMI Semiconductor / ON Semiconductor |
| Product description | OPTOISO 2.5KV TRANSISTOR 8SOIC       |
| Datasheets:         | FOD2712R1.pdf                        |
| RoHs Status         | Lead free / RoHS Compliant           |
| Stock Condition     | 3169 pcs stock                       |
| Ship From           | Hong Kong                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                |

REQUEST FOR QUOTATION

Specifications of FOD2712R1

|                                  |                                                                  |
|----------------------------------|------------------------------------------------------------------|
| PART NUMBER                      | FOD2712R1                                                        |
| MANUFACTURER                     | AMI Semiconductor / ON Semiconductor                             |
| DESCRIPTION                      | OPTOISO 2.5KV TRANSISTOR 8SOIC                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                       |
| QUANTITY AVAILABLE               | 3169 pcs                                                         |
| DATA SHEET                       | FOD2712R1.pdf                                                    |
| VOLTAGE - OUTPUT (MAX)           | 30V                                                              |
| VOLTAGE - ISOLATION              | 2500Vrms                                                         |
| VOLTAGE - FORWARD (VF) (TYP)     | 1.5V (Max)                                                       |
| VCE SATURATION (MAX)             | 400mV                                                            |
| TURN ON / TURN OFF TIME (TYP)    | -                                                                |
| SUPPLIER DEVICE PACKAGE          | 8-SO Tall                                                        |
| SERIES                           | -                                                                |
| RISE / FALL TIME (TYP)           | -                                                                |
| PACKAGING                        | Tape & Reel (TR)                                                 |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width)                                    |
| OUTPUT TYPE                      | Transistor                                                       |
| OTHER NAMES                      | FOD2712R1_NL<br>FOD2712R1_NL-ND<br>FOD2712R1FS<br>FOD2712R1FS-ND |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                     |
| NUMBER OF CHANNELS               | 1                                                                |
| MOUNTING TYPE                    | Surface Mount                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                       |
| INPUT TYPE                       | DC                                                               |
| DETAILED DESCRIPTION             | Optoisolator Transistor Output 2500Vrms 1 Channel 8-SO Tall      |
| CURRENT TRANSFER RATIO (MIN)     | 100% @ 10mA                                                      |
| CURRENT TRANSFER RATIO (MAX)     | 200% @ 10mA                                                      |
| CURRENT - OUTPUT / CHANNEL       | 50mA                                                             |

Related Tags

|                                                     |                                                      |                                                    |
|-----------------------------------------------------|------------------------------------------------------|----------------------------------------------------|
| AMI Semiconductor / ON Semiconductor FOD2712R1      | FOD2712R1 Distributor                                | FOD2712R1 Supplier                                 |
| FOD2712R1 Price                                     | FOD2712R1 Pictures                                   | FOD2712R1 Image                                    |
| FOD2712R1 PDF Datasheet                             | FOD2712R1 Download Datasheet                         | FOD2712R1 Datasheet                                |
| FOD2712R1 Stock                                     | Buy FOD2712R1                                        | Buy AMI Semiconductor / ON Semiconductor FOD2712R1 |
| AMI Semiconductor / ON Semiconductor FOD2712R1      | AMI Semiconductor / ON Semiconductor Supplier        | AMI Semiconductor / ON Semiconductor Distributor   |
| AMI Semiconductor / ON Semiconductor FOD2712R1      | ON Semiconductor FOD2712R1                           | Aptina / ON Semiconductor FOD2712R1                |
| Catalyst Semiconductor / ON Semiconductor FOD2712R1 | PulseCore Semiconductor / ON Semiconductor FOD2712R1 | Sanyo Semiconductor / ON Semiconductor FOD2712R1   |

Related Products

|                                                                                                                                                                      |                                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>FOD2712V</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 2.5KV TRANSISTOR 8SOIC<br/>In stock: 3934 pcs</p> <p>RFQ</p>     | <p><b>FOD2712AV</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 2.5KV TRANSISTOR 8SOIC<br/>In stock: 67522 pcs</p> <p>RFQ</p>   |
| <p><b>FOD2712R1V</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 2.5KV TRANSISTOR 8SOIC<br/>In stock: 4667 pcs</p> <p>RFQ</p>   | <p><b>FOD2712AR2V</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 2.5KV TRANSISTOR 8SOIC<br/>In stock: 52016 pcs</p> <p>RFQ</p> |
| <p><b>FOD2741AS</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISOLATOR 5KV TRANSISTOR 8SMD<br/>In stock: 54440 pcs</p> <p>RFQ</p> | <p><b>FOD2712AR2</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 2.5KV TRANSISTOR 8SOIC<br/>In stock: 205481 pcs</p> <p>RFQ</p> |
| <p><b>FOD2712R2</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 2.5KV TRANSISTOR 8SOIC<br/>In stock: 3556 pcs</p> <p>RFQ</p>    | <p><b>FOD2712A</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 2.5KV TRANSISTOR 8SOIC<br/>In stock: 80459 pcs</p> <p>RFQ</p>    |
| <p><b>FOD2711V</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISOLATOR 5KV TRANSISTOR 8DIP<br/>In stock: 6149 pcs</p> <p>RFQ</p>   | <p><b>FOD2741A</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISOLATOR 5KV TRANSISTOR 8DIP<br/>In stock: 62708 pcs</p> <p>RFQ</p>  |
| <p><b>FOD2712</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 2.5KV TRANSISTOR 8SOIC<br/>In stock: 3248 pcs</p> <p>RFQ</p>      | <p><b>FOD2712R2V</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 2.5KV TRANSISTOR 8SOIC<br/>In stock: 5391 pcs</p> <p>RFQ</p>   |