

ON Semiconductor®

ON

AMI Semiconductor / ON

Semiconductor



FODM453R1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | FODM453R1                                                                                                    |
| Manufacturer/Brand: | AMI Semiconductor / ON Semiconductor                                                                         |
| Product description | OPTOISO 3.75KV TRANSISTOR 5MFP                                                                               |
| Datasheets:         |  FODM453R1.pdf              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5184 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of FODM453R1

|                                  |                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------|
| PART NUMBER                      | FODM453R1                                                                                         |
| MANUFACTURER                     | AMI Semiconductor / ON Semiconductor                                                              |
| DESCRIPTION                      | OPTOISO 3.75KV TRANSISTOR 5MFP                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                        |
| QUANTITY AVAILABLE               | 5184 pcs                                                                                          |
| DATA SHEET                       |  FODM453R1.pdf |
| VOLTAGE - OUTPUT (MAX)           | 20V                                                                                               |
| VOLTAGE - ISOLATION              | 3750Vrms                                                                                          |
| VOLTAGE - FORWARD (VF) (TYP)     | 1.6V                                                                                              |
| VCE SATURATION (MAX)             | -                                                                                                 |
| TURN ON / TURN OFF TIME (TYP)    | 400ns, 350ns                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 5-Mini-Flat                                                                                       |
| SERIES                           | -                                                                                                 |
| RISE / FALL TIME (TYP)           | -                                                                                                 |
| PACKAGING                        | Tape & Reel (TR)                                                                                  |
| PACKAGE / CASE                   | 6-SOIC (0.173", 4.40mm Width), 5 Leads                                                            |
| OUTPUT TYPE                      | Transistor                                                                                        |
| OTHER NAMES                      | FODM453R1_NL<br>FODM453R1_NL-ND<br>FODM453R1FS<br>FODM453R1FS-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 3750Vrms 1 Channel 5-Mini-Flat                                     |
| CURRENT TRANSFER RATIO (MIN)     | 20% @ 16mA                                                                                        |
| CURRENT TRANSFER RATIO (MAX)     | 50% @ 16mA                                                                                        |
| CURRENT - OUTPUT / CHANNEL       | 8mA                                                                                               |
| CURRENT - DC FORWARD (IF) (MAX)  | 25mA                                                                                              |

Related Tags

|                                                     |                                                      |                                                    |
|-----------------------------------------------------|------------------------------------------------------|----------------------------------------------------|
| AMI Semiconductor / ON Semiconductor FODM453R1      | FODM453R1 Distributor                                | FODM453R1 Supplier                                 |
| FODM453R1 Price                                     | FODM453R1 Pictures                                   | FODM453R1 Image                                    |
| FODM453R1 PDF Datasheet                             | FODM453R1 Download Datasheet                         | FODM453R1 Datasheet                                |
| FODM453R1 Stock                                     | Buy FODM453R1                                        | Buy AMI Semiconductor / ON Semiconductor FODM453R1 |
| AMI Semiconductor / ON Semiconductor FODM453R1      | AMI Semiconductor / ON Semiconductor Supplier        | AMI Semiconductor / ON Semiconductor Distributor   |
| AMI Semiconductor / ON Semiconductor FODM453R1      | ON Semiconductor FODM453R1                           | Aptina / ON Semiconductor FODM453R1                |
| Catalyst Semiconductor / ON Semiconductor FODM453R1 | PulseCore Semiconductor / ON Semiconductor FODM453R1 | Sanyo Semiconductor / ON Semiconductor FODM453R1   |

Related Products

|                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                               |
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| <div></div> <div><b>FODM452R1V</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 3.75KV TRANSISTOR 5MFP<br/>In stock: 5967 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>FODM453R2</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 3.75KV TRANSISTOR 5MFP<br/>In stock: 32187 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>FODM453R2V</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 3.75KV TRANSISTOR 5MFP<br/>In stock: 106607 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>FODM453R1V</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 3.75KV TRANSISTOR 5MFP<br/>In stock: 5894 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>FODM611</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 3.75KV OPEN COLL 5MFP<br/>In stock: 58438 pcs<br/><div>RFQ</div></div>      | <div></div> <div><b>FODM611R2</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 3.75KV OPEN COLL 5MFP<br/>In stock: 168515 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>FODM452R2V</b><br/>Manufacturers: Fairchild/ON Semiconductor<br/>Description: OPTOISO 3.75KV TRANSISTOR 5MFP<br/>In stock: 129780 pcs<br/><div>RFQ</div></div>           | <div></div> <div><b>FODM452V</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 3.75KV TRANSISTOR 5MFP<br/>In stock: 35323 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>FODM452R2</b><br/>Manufacturers: Fairchild/ON Semiconductor<br/>Description: OPTOISO 3.75KV TRANSISTOR 5MFP<br/>In stock: 132230 pcs<br/><div>RFQ</div></div>            | <div></div> <div><b>FODM453</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 3.75KV TRANSISTOR 5MFP<br/>In stock: 41272 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>FODM452R1</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 3.75KV TRANSISTOR 5MFP<br/>In stock: 4317 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>FODM453V</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 3.75KV TRANSISTOR 5MFP<br/>In stock: 113692 pcs<br/><div>RFQ</div></div> |