

ON Semiconductor®  
ON

AMI Semiconductor / ON



Image may be representation. See specifications for product details.

FOD8383R2

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | FOD8383R2                                                                                                    |
| Manufacturer/Brand: | AMI Semiconductor / ON Semiconductor                                                                         |
| Product description | OPTOISO 5KV 1CH GATE DRIVER 5SOP                                                                             |
| Datasheets:         |  FOD8383R2.pdf              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 48865 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

| Specifications of FOD8383R2          |                                                                                                   |
|--------------------------------------|---------------------------------------------------------------------------------------------------|
| PART NUMBER                          | FOD8383R2                                                                                         |
| MANUFACTURER                         | AMI Semiconductor / ON Semiconductor                                                              |
| DESCRIPTION                          | OPTOISO 5KV 1CH GATE DRIVER 5SOP                                                                  |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                        |
| QUANTITY AVAILABLE                   | 48865 pcs                                                                                         |
| DATA SHEET                           |  FOD8383R2.pdf |
| VOLTAGE - SUPPLY                     | 15 V ~ 30 V                                                                                       |
| VOLTAGE - ISOLATION                  | 5000Vrms                                                                                          |
| VOLTAGE - FORWARD (VF) (TYP)         | 1.43V                                                                                             |
| TECHNOLOGY                           | Optical Coupling                                                                                  |
| SUPPLIER DEVICE PACKAGE              | 5-SOP                                                                                             |
| SERIES                               | -                                                                                                 |
| RISE / FALL TIME (TYP)               | 35ns, 25ns                                                                                        |
| PULSE WIDTH DISTORTION (MAX)         | 65ns                                                                                              |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 210ns, 210ns                                                                                      |
| PACKAGING                            | Tape & Reel (TR)                                                                                  |
| PACKAGE / CASE                       | 6-SOIC (0.362", 9.20mm Width), 5 Leads                                                            |
| OTHER NAMES                          | FOD8383R2TR                                                                                       |
| 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                 | 3A Gate Driver Optical Coupling 5000Vrms 1 Channel 5-SOP                                          |
| CURRENT - PEAK OUTPUT                | 3A                                                                                                |
| CURRENT - OUTPUT HIGH, LOW           | 2.5A, 2.5A                                                                                        |
| CURRENT - DC FORWARD (IF) (MAX)      | 25mA                                                                                              |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 35kV/µs                                                                                           |
| APPROVALS                            | UL                                                                                                |

Related Tags

|                                                     |                                                      |                                                    |
|-----------------------------------------------------|------------------------------------------------------|----------------------------------------------------|
| AMI Semiconductor / ON Semiconductor FOD8383R2      | FOD8383R2 Distributor                                | FOD8383R2 Supplier                                 |
| FOD8383R2 Price                                     | FOD8383R2 Pictures                                   | FOD8383R2 Image                                    |
| FOD8383R2 PDF Datasheet                             | FOD8383R2 Download Datasheet                         | FOD8383R2 Datasheet                                |
| FOD8383R2 Stock                                     | Buy FOD8383R2                                        | Buy AMI Semiconductor / ON Semiconductor FOD8383R2 |
| AMI Semiconductor / ON Semiconductor FOD8383R2      | AMI Semiconductor / ON Semiconductor Supplier        | AMI Semiconductor / ON Semiconductor Distributor   |
| AMI Semiconductor / ON Semiconductor FOD8383R2      | ON Semiconductor FOD8383R2                           | Aptina / ON Semiconductor FOD8383R2                |
| Catalyst Semiconductor / ON Semiconductor FOD8383R2 | PulseCore Semiconductor / ON Semiconductor FOD8383R2 | Sanyo Semiconductor / ON Semiconductor FOD8383R2   |

Related Products

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|  <div><b>FOD8383V</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 5SOP<br/>In stock: 20161 pcs<br/><div>RFQ</div></div>   |  <div><b>FOD8383R2V</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 5SOP<br/>In stock: 53091 pcs<br/><div>RFQ</div></div>  |
|  <div><b>FOD8343TR2</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 6SOP<br/>In stock: 44502 pcs<br/><div>RFQ</div></div> |  <div><b>FOD8343</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 6SOP<br/>In stock: 48270 pcs<br/><div>RFQ</div></div>     |
|  <div><b>FOD8384</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 5SOP<br/>In stock: 39164 pcs<br/><div>RFQ</div></div>    |  <div><b>FOD8383</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 5SOP<br/>In stock: 19535 pcs<br/><div>RFQ</div></div>     |
|  <div><b>FOD8343T</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 6SOP<br/>In stock: 55532 pcs<br/><div>RFQ</div></div>   |  <div><b>FOD8384R2</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 5SOP<br/>In stock: 72901 pcs<br/><div>RFQ</div></div>   |
|  <div><b>FOD8384V</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 5SOP<br/>In stock: 28084 pcs<br/><div>RFQ</div></div>   |  <div><b>FOD8384R2V</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 5SOP<br/>In stock: 93373 pcs<br/><div>RFQ</div></div>  |
|  <div><b>FOD8343R2</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 6SOP<br/>In stock: 50094 pcs<br/><div>RFQ</div></div>  |  <div><b>FOD8342TR2V</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 6SOP<br/>In stock: 51767 pcs<br/><div>RFQ</div></div> |