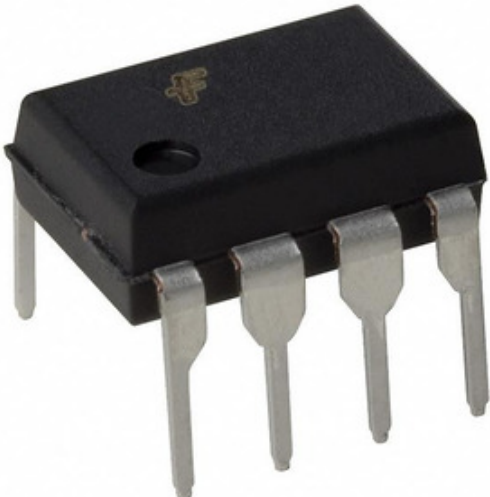


ON Semiconductor®  


AMI Semiconductor / ON

Semiconductor



FOD3180

Part Number:

AMI Semiconductor / ON Semiconductor

Product description

OPTOISO 5KV 1CH GATE DRIVER 8DIP

Datasheets:

 FOD3180.pdf

RoHs Status

 Lead free / RoHS Compliant

Stock Condition

27165 pcs stock

Ship From

Hong Kong

Shipment Way

DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

| Specifications of FOD3180            |                                                                                                 |
|--------------------------------------|-------------------------------------------------------------------------------------------------|
| PART NUMBER                          | FOD3180                                                                                         |
| MANUFACTURER                         | AMI Semiconductor / ON Semiconductor                                                            |
| DESCRIPTION                          | OPTOISO 5KV 1CH GATE DRIVER 8DIP                                                                |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                      |
| QUANTITY AVAILABLE                   | 27165 pcs                                                                                       |
| DATA SHEET                           |  FOD3180.pdf |
| VOLTAGE - SUPPLY                     | 10 V ~ 20 V                                                                                     |
| VOLTAGE - ISOLATION                  | 5000Vrms                                                                                        |
| VOLTAGE - FORWARD (VF) (TYP)         | 1.43V                                                                                           |
| TECHNOLOGY                           | Optical Coupling                                                                                |
| SUPPLIER DEVICE PACKAGE              | 8-DIP                                                                                           |
| SERIES                               | -                                                                                               |
| RISE / FALL TIME (TYP)               | 75ns, 55ns                                                                                      |
| PULSE WIDTH DISTORTION (MAX)         | 65ns                                                                                            |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 200ns, 200ns                                                                                    |
| PACKAGING                            | Tube                                                                                            |
| PACKAGE / CASE                       | 8-DIP (0.300", 7.62mm)                                                                          |
| OPERATING TEMPERATURE                | -40°C ~ 100°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                 | 2.5A Gate Driver Optical Coupling 5000Vrms 1 Channel 8-DIP                                      |
| CURRENT - PEAK OUTPUT                | 2.5A                                                                                            |
| CURRENT - OUTPUT HIGH, LOW           | 2A, 2A                                                                                          |
| CURRENT - DC FORWARD (IF) (MAX)      | 25mA                                                                                            |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 15kV/μs                                                                                         |
| APPROVALS                            | cUL, UL                                                                                         |

Related Tags

|                                                   |                                                    |                                                  |
|---------------------------------------------------|----------------------------------------------------|--------------------------------------------------|
| AMI Semiconductor / ON Semiconductor FOD3180      | FOD3180 Distributor                                | FOD3180 Supplier                                 |
| FOD3180 Price                                     | FOD3180 Pictures                                   | FOD3180 Image                                    |
| FOD3180 PDF Datasheet                             | FOD3180 Download Datasheet                         | FOD3180 Datasheet                                |
| FOD3180 Stock                                     | Buy FOD3180                                        | Buy AMI Semiconductor / ON Semiconductor FOD3180 |
| AMI Semiconductor / ON Semiconductor FOD3180      | AMI Semiconductor / ON Semiconductor Supplier      | AMI Semiconductor / ON Semiconductor Distributor |
| AMI Semiconductor / ON Semiconductor FOD3180      | ON Semiconductor FOD3180                           | Aptina / ON Semiconductor FOD3180                |
| Catalyst Semiconductor / ON Semiconductor FOD3180 | PulseCore Semiconductor / ON Semiconductor FOD3180 | Sanyo Semiconductor / ON Semiconductor FOD3180   |

Related Products

|                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>FOD3180SV</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 8SMD<br/>In stock: 33043 pcs<br/>RFQ</div>  | <div></div> <div><b>FOD3150TSR2V</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 8SMD<br/>In stock: 73420 pcs<br/>RFQ</div> |
| <div></div> <div><b>FOD3180S</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 8SMD<br/>In stock: 30845 pcs<br/>RFQ</div>   | <div></div> <div><b>FOD3180TSV</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 8SMD<br/>In stock: 45847 pcs<br/>RFQ</div>   |
| <div></div> <div><b>FOD3180SDV</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 8SMD<br/>In stock: 81787 pcs<br/>RFQ</div> | <div></div> <div><b>FOD3180SD</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 8SMD<br/>In stock: 84654 pcs<br/>RFQ</div>    |
| <div></div> <div><b>FOD3150V</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 8DIP<br/>In stock: 50397 pcs<br/>RFQ</div>   | <div></div> <div><b>FOD3150TSR2</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 8SMD<br/>In stock: 4282 pcs<br/>RFQ</div>   |
| <div></div> <div><b>FOD3150TV</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 8DIP<br/>In stock: 45693 pcs<br/>RFQ</div>  | <div></div> <div><b>FOD3180T</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 8DIP<br/>In stock: 2708 pcs<br/>RFQ</div>      |
| <div></div> <div><b>FOD3150TS</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 8SMD<br/>In stock: 3583 pcs<br/>RFQ</div>   | <div></div> <div><b>FOD3150TSV</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 8SMD<br/>In stock: 42297 pcs<br/>RFQ</div>   |