

ON Semiconductor®

ON

AMI Semiconductor / ON

Semiconductor



FOD3181S

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | FOD3181S                                                                                                     |
| Manufacturer/Brand: | AMI Semiconductor / ON Semiconductor                                                                         |
| Product description | OPTOISO 5KV 1CH GATE DRIVER 8SMD                                                                             |
| Datasheets:         |  FOD3181S.pdf               |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 3583 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of FOD3181S

|                                      |                                                                                                  |
|--------------------------------------|--------------------------------------------------------------------------------------------------|
| PART NUMBER                          | FOD3181S                                                                                         |
| MANUFACTURER                         | AMI Semiconductor / ON Semiconductor                                                             |
| DESCRIPTION                          | OPTOISO 5KV 1CH GATE DRIVER 8SMD                                                                 |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                       |
| QUANTITY AVAILABLE                   | 3583 pcs                                                                                         |
| DATA SHEET                           |  FOD3181S.pdf |
| VOLTAGE - SUPPLY                     | 10 V ~ 20 V                                                                                      |
| VOLTAGE - ISOLATION                  | 5000Vrms                                                                                         |
| VOLTAGE - FORWARD (VF) (TYP)         | 1.5V                                                                                             |
| TECHNOLOGY                           | Optical Coupling                                                                                 |
| SUPPLIER DEVICE PACKAGE              | 8-SMD                                                                                            |
| SERIES                               | -                                                                                                |
| RISE / FALL TIME (TYP)               | 75ns, 55ns                                                                                       |
| PULSE WIDTH DISTORTION (MAX)         | -                                                                                                |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 500ns, 500ns                                                                                     |
| PACKAGING                            | Tube                                                                                             |
| PACKAGE / CASE                       | 8-SMD, Gull Wing                                                                                 |
| OPERATING TEMPERATURE                | -20°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                                                                       |
| DETAILED DESCRIPTION                 | 1.5A Gate Driver Optical Coupling 5000Vrms 1 Channel 8-SMD                                       |
| CURRENT - PEAK OUTPUT                | 1.5A                                                                                             |
| CURRENT - OUTPUT HIGH, LOW           | 500mA, 500mA                                                                                     |
| CURRENT - DC FORWARD (IF) (MAX)      | 25mA                                                                                             |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 10kV/μs                                                                                          |
| APPROVALS                            | cUL, UL                                                                                          |

Related Tags

|                                                    |                                                     |                                                   |
|----------------------------------------------------|-----------------------------------------------------|---------------------------------------------------|
| AMI Semiconductor / ON Semiconductor FOD3181S      | FOD3181S Distributor                                | FOD3181S Supplier                                 |
| FOD3181S Price                                     | FOD3181S Pictures                                   | FOD3181S Image                                    |
| FOD3181S PDF Datasheet                             | FOD3181S Download Datasheet                         | FOD3181S Datasheet                                |
| FOD3181S Stock                                     | Buy FOD3181S                                        | Buy AMI Semiconductor / ON Semiconductor FOD3181S |
| AMI Semiconductor / ON Semiconductor FOD3181S      | AMI Semiconductor / ON Semiconductor Supplier       | AMI Semiconductor / ON Semiconductor Distributor  |
| AMI Semiconductor / ON Semiconductor FOD3181S      | ON Semiconductor FOD3181S                           | Aptina / ON Semiconductor FOD3181S                |
| Catalyst Semiconductor / ON Semiconductor FOD3181S | PulseCore Semiconductor / ON Semiconductor FOD3181S | Sanyo Semiconductor / ON Semiconductor FOD3181S   |

Related Products

|                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                             |
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| <div><div><div>ON Semiconductor®</div><div>ON</div></div><div><div>FOD3181T</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: OPTOISO 5KV 1CH GATE DRIVER 8DIP</div><div>In stock: 6193 pcs</div><div>RFQ</div></div></div>                                            | <div><div></div><div><div>FOD3180TSV</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: OPTOISO 5KV 1CH GATE DRIVER 8SMD</div><div>In stock: 45847 pcs</div><div>RFQ</div></div></div> |
| <div><div></div><div><div>FOD3180TV</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: OPTOISO 5KV 1CH GATE DRIVER 8DIP</div><div>In stock: 37638 pcs</div><div>RFQ</div></div></div> | <div><div></div><div><div>FOD3181SV</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: OPTOISO 5KV 1CH GATE DRIVER 8SMD</div><div>In stock: 6253 pcs</div><div>RFQ</div></div></div>   |
| <div><div></div><div><div>FOD3181SD</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: OPTOISO 5KV 1CH GATE DRIVER 8SMD</div><div>In stock: 3380 pcs</div><div>RFQ</div></div></div>  | <div><div></div><div><div>FOD3181</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: OPTOISO 5KV 1CH GATE DRIVER 8DIP</div><div>In stock: 2837 pcs</div><div>RFQ</div></div></div>     |
| <div><div><div>ON Semiconductor®</div><div>ON</div></div><div><div>FOD3181TV</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: OPTOISO 5KV 1CH GATE DRIVER 8DIP</div><div>In stock: 5502 pcs</div><div>RFQ</div></div></div>                                           | <div><div></div><div><div>FOD3180V</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: OPTOISO 5KV 1CH GATE DRIVER 8DIP</div><div>In stock: 6195 pcs</div><div>RFQ</div></div></div>    |
| <div><div></div><div><div>FOD3180SV</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: OPTOISO 5KV 1CH GATE DRIVER 8SMD</div><div>In stock: 33043 pcs</div><div>RFQ</div></div></div> | <div><div></div><div><div>FOD3181V</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: OPTOISO 5KV 1CH GATE DRIVER 8DIP</div><div>In stock: 6146 pcs</div><div>RFQ</div></div></div>    |
| <div><div><div>ON Semiconductor®</div><div>ON</div></div><div><div>FOD3180T</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: OPTOISO 5KV 1CH GATE DRIVER 8DIP</div><div>In stock: 2708 pcs</div><div>RFQ</div></div></div>                                            | <div><div></div><div><div>FOD3181SDV</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: OPTOISO 5KV 1CH GATE DRIVER 8SMD</div><div>In stock: 3831 pcs</div><div>RFQ</div></div></div>  |