

AMI Semiconductor / ON

FOD3150TS

Part Number: FOD3150TS
 Manufacturer/Brand: AMI Semiconductor / ON Semiconductor
 Product description: OPTOISO 5KV 1CH GATE DRIVER 8SMD
 Datasheets: FOD3150TS.pdf
 RoHS Status: Lead free / RoHS Compliant
 Ship From: Hong Kong
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

Semiconductor



Image may be representation. See specifications for product details.

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Specifications of FOD3150TS

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| PART NUMBER | FOD3150TS |
| MANUFACTURER | AMI Semiconductor / ON Semiconductor |
| DESCRIPTION | OPTOISO 5KV 1CH GATE DRIVER 8SMD |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| DATA SHEET | FOD3150TS.pdf |
| VOLTAGE - SUPPLY | 15 V ~ 30 V |
| VOLTAGE - ISOLATION | 5000Vrms |
| VOLTAGE - FORWARD (VF) (TYP) | 1.5V |
| TECHNOLOGY | Optical Coupling |
| SUPPLIER DEVICE PACKAGE | 8-SMD |
| SERIES | - |
| RISE / FALL TIME (TYP) | 60ns, 60ns |
| PULSE WIDTH DISTORTION (MAX) | 300ns |
| PROPAGATION DELAY TPLH / TPHL (MAX) | 500ns, 500ns |
| PACKAGING | Tube |
| PACKAGE / CASE | 8-SMD, Gull Wing |
| 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 | 1.5A Gate Driver Optical Coupling 5000Vrms 1 Channel 8-SMD |
| CURRENT - PEAK OUTPUT | 1.5A |
| CURRENT - OUTPUT HIGH, LOW | 1A, 1A |
| CURRENT - DC FORWARD (IF) (MAX) | 25mA |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 20kV/μs |
| APPROVALS | UL |

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