

### FOD3184TSR2V

Part Number: **FOD3184TSR2V**  
 Product Description: OPTOISO 5KV 1CH GATE DRIVER 8SMD  
 RoHs Status: Lead free / RoHS Compliant  
 Datasheets: [FOD3184TSR2V.pdf](#)













Manufacturer/Brand: AMI Semiconductor / ON Semiconductor  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

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#### Product details

<b>Part Number</b>	FOD3184TSR2V	<b>Manufacturer</b>	AMI Semiconductor / ON Semiconductor
<b>Description</b>	OPTOISO 5KV 1CH GATE DRIVER 8SMD	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>	FOD3184TSR2V.pdf		
<b>Voltage - Supply</b>	15 V ~ 30 V	<b>Voltage - Isolation</b>	5000Vrms
<b>Voltage - Forward (Vf) (Typ)</b>	1.43V	<b>Technology</b>	Optical Coupling
<b>Supplier Device Package</b>	8-SMD	<b>Series</b>	-
<b>Rise / Fall Time (Typ)</b>	38ns, 24ns	<b>Pulse Width Distortion (Max)</b>	65ns
<b>Propagation Delay tpLH / tpHL (Max)</b>	210ns, 210ns	<b>Packaging</b>	Original-Reel®
<b>Package / Case</b>	8-SMD, Gull Wing	<b>Other Names</b>	FOD3184TSR2VDKR
<b>Operating Temperature</b>	-40°C ~ 100°C	<b>Number of Channels</b>	1
<b>Mounting Type</b>	Surface Mount	<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)
<b>Manufacturer Standard Lead Time</b>	7 Weeks	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Detailed Description</b>	3A Gate Driver Optical Coupling 5000Vrms 1 Channel 8-SMD	<b>Current - Peak Output</b>	3A
<b>Current - Output High, Low</b>	2.5A, 2.5A	<b>Current - DC Forward (If) (Max)</b>	25mA
<b>Common Mode Transient Immunity (Min)</b>	35kV/μs	<b>Approvals</b>	IEC/EN/DIN, UL

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