



 **AMI Semiconductor / ON**

FOD8384R2V

Part Number:	FOD8384R2V
Manufacturer/Brand:	AMI Semiconductor / ON Semiconductor
Product description:	OPTOISO 5KV 1CH GATE DRIVER 5SOP
Datasheets:	 FOD8384R2V.pdf
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

Semiconductor

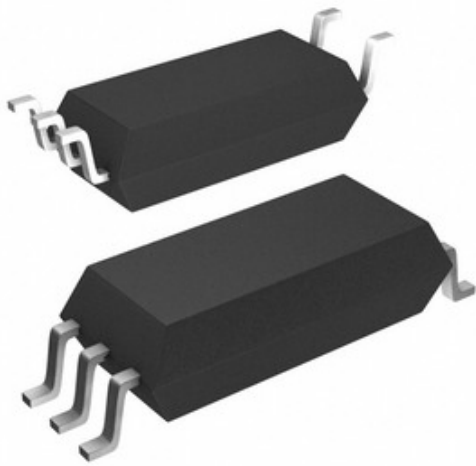



Image may be representation. See specifications for product details.













Specifications of FOD8384R2V

PART NUMBER	FOD8384R2V
MANUFACTURER	AMI Semiconductor / ON Semiconductor
DESCRIPTION	OPTOISO 5KV 1CH GATE DRIVER 5SOP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 FOD8384R2V.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 (0.346", 8.80mm Width), 5 Leads
OTHER NAMES	FOD8384R2VTR
OPERATING TEMPERATURE	-40°C ~ 100°C
NUMBER OF CHANNELS	1
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER STANDARD LEAD TIME	9 Weeks
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	IEC/EN/DIN, UL

Related Tags

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Catalyst Semiconductor / ON Semiconductor FOD8384R2V	PulseCore Semiconductor / ON Semiconductor FOD8384R2V	Sanyo Semiconductor / ON Semiconductor FOD8384R2V

Related Products

 <p>FOD852300 Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOISOLATOR 5KV DARLINGTON 4DIP In stock: Out stock</p> <p>RFQ</p>	 <p>FOD8383 Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOISO 5KV 1CH GATE DRIVER 5SOP In stock: Out stock</p> <p>RFQ</p>
 <p>FOD8383R2V Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOISO 5KV 1CH GATE DRIVER 5SOP In stock: Out stock</p> <p>RFQ</p>	 <p>FOD8523S Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOISOLATOR 5KV DARLINGTON 4SMD In stock: 75 pcs</p> <p>RFQ</p>
 <p>FOD8523SD Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOISOLATOR 5KV DARLINGTON 4SMD In stock: Out stock</p> <p>RFQ</p>	 <p>FOD8384R2 Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOISO 5KV 1CH GATE DRIVER 5SOP In stock: Out stock</p> <p>RFQ</p>
 <p>FOD8383R2 Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOISO 5KV 1CH GATE DRIVER 5SOP In stock: Out stock</p> <p>RFQ</p>	 <p>FOD8384V Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOISO 5KV 1CH GATE DRIVER 5SOP In stock: Out stock</p> <p>RFQ</p>
 <p>FOD8383V Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOISO 5KV 1CH GATE DRIVER 5SOP In stock: 341 pcs</p> <p>RFQ</p>	 <p>FOD8384 Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOISO 5KV 1CH GATE DRIVER 5SOP In stock: 39 pcs</p> <p>RFQ</p>
 <p>FOD852 Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOISOLATOR 5KV DARLINGTON 4DIP In stock: Out stock</p> <p>RFQ</p>	 <p>FOD852300W Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOISOLATOR 5KV DARLINGTON 4DIP In stock: 979 pcs</p> <p>RFQ</p>