



 **AMI Semiconductor / ON**

FOD8012R2


Part Number: FOD8012R2
 Manufacturer/Brand: AMI Semiconductor / ON Semiconductor
 Product description: OPTOISO 3.75KV 2CH PUSH PULL 8SO
 Datasheets:  FOD8012R2.pdf
 RoHs Status:  Lead free / RoHS Compliant
 Ship From: Hong Kong
 Shipment Way: DHL/Fedex/TNT/UPS/EMS



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Image may be representation. See specifications for product details.













Specifications of FOD8012R2

PART NUMBER	FOD8012R2
MANUFACTURER	AMI Semiconductor / ON Semiconductor
DESCRIPTION	OPTOISO 3.75KV 2CH PUSH PULL 8SO
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 FOD8012R2.pdf
VOLTAGE - SUPPLY	3 V ~ 3.6 V, 4.5 V ~ 5.5 V
VOLTAGE - ISOLATION	3750Vrms
VOLTAGE - FORWARD (VF) (TYP)	-
SUPPLIER DEVICE PACKAGE	8-SO Tall
SERIES	-
RISE / FALL TIME (TYP)	6.5ns, 6.5ns
PROPAGATION DELAY TPLH / TPHL (MAX)	60ns, 60ns
PACKAGING	Original-Reel®
PACKAGE / CASE	8-SOIC (0.154", 3.90mm Width)
OUTPUT TYPE	Push-Pull, Totem Pole
OTHER NAMES	FOD8012R2DKR
OPERATING TEMPERATURE	-40°C ~ 110°C
NUMBER OF CHANNELS	2
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
INPUTS - SIDE 1/SIDE 2	1/1
INPUT TYPE	Logic
DETAILED DESCRIPTION	Logic Output Optoisolator 15Mbps Push-Pull, Totem Pole 3750Vrms 2 Channel 20kV/μs CMTI 8-SO Tall
DATA RATE	15Mbps
CURRENT - OUTPUT / CHANNEL	10mA
CURRENT - DC FORWARD (IF) (MAX)	-
COMMON MODE TRANSIENT IMMUNITY (MIN)	20kV/μs

Related Tags

AMI Semiconductor / ON Semiconductor FOD8012R2	FOD8012R2 Distributor	FOD8012R2 Supplier
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 <p>FOD617DW Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOISOLATOR 5KV TRANSISTOR 4DIP In stock: Out stock RFQ</p>	 <p>FOD617DSD Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOISOLATOR 5KV TRANSISTOR 4SMD In stock: Out stock RFQ</p>
 <p>FOD814A Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOISOLATOR 5KV TRANSISTOR 4DIP In stock: Out stock RFQ</p>	 <p>FOD8012A Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOISO 3.75KV 2CH PUSH PULL 8SO In stock: Out stock RFQ</p>
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 <p>FOD814 Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOISOLATOR 5KV TRANSISTOR 4DIP In stock: 669 pcs RFQ</p>	 <p>FOD8012AR2 Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOISO 3.75KV 2CH PUSH PULL 8SO In stock: Out stock RFQ</p>