

ON Semiconductor®

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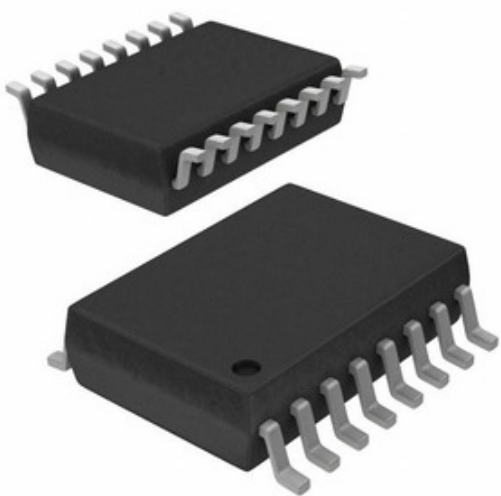


Image may be representation. See specifications for product details.

FOD8318

Part Number:	FOD8318
Manufacturer/Brand:	AMI Semiconductor / ON Semiconductor
Product description	OPTOISO 4.243KV GATE DRIVER 16SO
Datasheets:	 FOD8318.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	17856 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of FOD8318

PART NUMBER	FOD8318
MANUFACTURER	AMI Semiconductor / ON Semiconductor
DESCRIPTION	OPTOISO 4.243KV GATE DRIVER 16SO
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	17856 pcs
DATA SHEET	 FOD8318.pdf
VOLTAGE - SUPPLY	15 V ~ 30 V
VOLTAGE - ISOLATION	4243Vrms
VOLTAGE - FORWARD (VF) (TYP)	-
TECHNOLOGY	Optical Coupling
SUPPLIER DEVICE PACKAGE	16-SO
SERIES	-
RISE / FALL TIME (TYP)	34ns, 34ns
PULSE WIDTH DISTORTION (MAX)	300ns
PROPAGATION DELAY TPLH / TPHL (MAX)	500ns, 500ns
PACKAGING	Tube
PACKAGE / CASE	16-SOIC (0.295", 7.50mm Width)
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	3A Gate Driver Optical Coupling 4243Vrms 1 Channel 16-SO
CURRENT - PEAK OUTPUT	3A
CURRENT - OUTPUT HIGH, LOW	2.5A, 2.5A
COMMON MODE TRANSIENT IMMUNITY (MIN)	35kV/μs
APPROVALS	UL

Related Tags

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Related Products

 FOD8320R2V Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOISO 5KV 1CH GATE DRIVER 5SOP In stock: 48595 pcs RFQ	 FOD8316 Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOISO 4.243KV GATE DRVR 16SO In stock: 16724 pcs RFQ
 FOD8320R2 Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOISO 5KV 1CH GATE DRIVER 5SOP In stock: 56208 pcs RFQ	 FOD8316V Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOISO 4.243KV GATE DRIVER 16SO In stock: 20206 pcs RFQ
 FOD8316R2 Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOISO 4.243KV GATE DRIVER 16SO In stock: 42748 pcs RFQ	 FOD8320 Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOISO 5KV 1CH GATE DRIVER 5SOP In stock: 22338 pcs RFQ
 FOD8314TR2V Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOISO 5KV 1CH GATE DRIVER 6SOP In stock: 71050 pcs RFQ	 FOD8318R2 Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOISO 4.243KV GATE DRIVER 16SO In stock: 15095 pcs RFQ
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 FOD8314TR2 Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOISO 5KV 1CH GATE DRIVER 6SOP In stock: 114995 pcs RFQ	 FOD8318R2V Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOISO 4.243KV GATE DRIVER 16SO In stock: 33471 pcs RFQ