

AMI Semiconductor / ON

Semiconductor



Image may be representation. See specifications for product details.

FOD8342

Part Number:

Manufacturer/Brand:

Product description:

Datasheets:

RoHs Status:

Stock Condition:

Ship From:

Shipment Way:

FOD8342

AMI Semiconductor / ON Semiconductor

OPTOISO 5KV 1CH GATE DRIVER 6SOP

 FOD8342.pdf

 Lead free / RoHS Compliant

25638 pcs stock

Hong Kong

DHL/Fedex/TNT/UPS/EMS

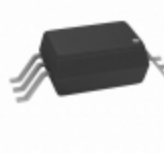
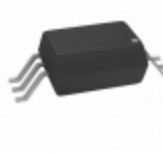
REQUEST FOR QUOTATION

Specifications of FOD8342	
PART NUMBER	FOD8342
MANUFACTURER	AMI Semiconductor / ON Semiconductor
DESCRIPTION	OPTOISO 5KV 1CH GATE DRIVER 6SOP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	25638 pcs
DATA SHEET	 FOD8342.pdf
VOLTAGE - SUPPLY	10 V ~ 30 V
VOLTAGE - ISOLATION	5000Vrms
VOLTAGE - FORWARD (VF) (TYP)	1.5V
TECHNOLOGY	Optical Coupling
SUPPLIER DEVICE PACKAGE	6-SOP
SERIES	-
RISE / FALL TIME (TYP)	38ns, 24ns
PULSE WIDTH DISTORTION (MAX)	65ns
PROPAGATION DELAY TPLH / TPHL (MAX)	210ns, 210ns
PACKAGING	Tube
PACKAGE / CASE	6-SOIC (0.268", 6.80mm Width)
OTHER NAMES	FOD8342-ND FOD8342OS
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 5000Vrms 1 Channel 6-SOP
CURRENT - PEAK OUTPUT	3A
CURRENT - OUTPUT HIGH, LOW	2.5A, 2.5A
CURRENT - DC FORWARD (IF) (MAX)	25mA
COMMON MODE TRANSIENT IMMUNITY (MIN)	20kV/μs
APPROVALS	UR

Related Tags

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Related Products

 FOD8342T Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOISO 5KV 1CH GATE DRIVER 6SOP In stock: 31631 pcs RFQ	 FOD8333R2V Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOISO 4.243KV GATE DRIVER 16SO In stock: 33505 pcs RFQ
 FOD8342TR2V Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOISO 5KV 1CH GATE DRIVER 6SOP In stock: 51767 pcs RFQ	 FOD8333R2 Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOISO 4.243KV GATE DRIVER 16SO In stock: 32706 pcs RFQ
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