



IXYS Integrated Circuits Division



Image may be representation. See specifications for product details.

IX3180GS

Part Number:	IX3180GS
Manufacturer/Brand:	IXYS Integrated Circuits Division
Product description	OPTOISO 3.75KV 1CH GATE DVR 8SMD
Datasheets:	 IX3180GS.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	42321 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of IX3180GS

PART NUMBER	IX3180GS
MANUFACTURER	IXYS Integrated Circuits Division
DESCRIPTION	OPTOISO 3.75KV 1CH GATE DVR 8SMD
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	42321 pcs
DATA SHEET	 IX3180GS.pdf
VOLTAGE - SUPPLY	10 V ~ 20 V
VOLTAGE - ISOLATION	3750Vrms
VOLTAGE - FORWARD (VF) (TYP)	1.35V
TECHNOLOGY	Optical Coupling
SUPPLIER DEVICE PACKAGE	8-SMD
SERIES	-
RISE / FALL TIME (TYP)	25ns, 25ns
PULSE WIDTH DISTORTION (MAX)	65ns
PROPAGATION DELAY TPLH / TPHL (MAX)	200ns, 200ns
PACKAGING	Tube
PACKAGE / CASE	8-SMD, Gull Wing
OTHER NAMES	CLA4154 IX3180GS-ND
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	2.5A Gate Driver Optical Coupling 3750Vrms 1 Channel 8-SMD
CURRENT - PEAK OUTPUT	2.5A
CURRENT - OUTPUT HIGH, LOW	2A, 2A
CURRENT - DC FORWARD (IF) (MAX)	20mA
COMMON MODE TRANSIENT IMMUNITY (MIN)	10kV/μs
APPROVALS	UR

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 IX30G-B-10S-CV(7.0) Manufacturers: Hirose Description: CONN PLUG IX B KEY 10POS In stock: 9878 pcs RFQ	 IX31G-B-10S-CV(7.0) Manufacturers: Hirose Description: CONN PLUG IX B KEY 10POS In stock: 10372 pcs RFQ
 IX3180GSTR Manufacturers: IXYS Integrated Circuits Division Description: OPTOISO 3.75KV 1CH GATE DVR 8SMD In stock: 109616 pcs RFQ	 IX3120GE Manufacturers: IXYS Integrated Circuits Division Description: OPTOISO 3.75KV 1CH GATE DVR 8DIP In stock: 83043 pcs RFQ
 IX3120GS Manufacturers: IXYS Integrated Circuits Division Description: OPTOISO 3.75KV 1CH GATE DVR 8SMD In stock: 104062 pcs RFQ	 IX3120G Manufacturers: IXYS Integrated Circuits Division Description: OPTOISO 3.75KV 1CH GATE DVR 8DIP In stock: 113827 pcs RFQ
 IX31G-A-10S-CV(7.0) Manufacturers: Hirose Description: CONN PLUG IX A KEY 10POS In stock: 8124 pcs RFQ	 IX3120GSTR Manufacturers: IXYS Integrated Circuits Division Description: OPTOISO 3.75KV 1CH GATE DVR 8SMD In stock: 114636 pcs RFQ
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 IX30G-A-10S-CV(7.0) Manufacturers: Hirose Description: CONN PLUG IX A KEY 10POS In stock: 8970 pcs RFQ	 IX3180G Manufacturers: IXYS Integrated Circuits Division Description: OPTOISO 3.75KV 1CH GATE DVR 8DIP In stock: 43855 pcs RFQ