



IXYS Integrated Circuits Division

IX3120GS

Part Number:	IX3120GS
Manufacturer/Brand:	IXYS Integrated Circuits Division
Product description	OPTOISO 3.75KV 1CH GATE DVR 8SMD
Datasheets:	 IX3120GS.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of IX3120GS

PART NUMBER	IX3120GS
MANUFACTURER	IXYS Integrated Circuits Division
DESCRIPTION	OPTOISO 3.75KV 1CH GATE DVR 8SMD
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 IX3120GS.pdf
VOLTAGE - SUPPLY	15 V ~ 30 V
VOLTAGE - ISOLATION	3750Vrms
VOLTAGE - FORWARD (VF) (TYP)	1.24V
TECHNOLOGY	Optical Coupling
SUPPLIER DEVICE PACKAGE	8-SMD
SERIES	-
RISE / FALL TIME (TYP)	100ns, 100ns
PULSE WIDTH DISTORTION (MAX)	300ns
PROPAGATION DELAY TPLH / TPHL (MAX)	500ns, 500ns
PACKAGING	Tube
PACKAGE / CASE	8-SMD, Gull Wing
OTHER NAMES	CLA391
OPERATING TEMPERATURE	-40°C ~ 100°C
NUMBER OF CHANNELS	1
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER STANDARD LEAD TIME	7 Weeks
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)	25kV/μs
APPROVALS	UR

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 IX31G-B-10S-CV(7.0) Manufacturers: Hirose Description: CONN PLUG IX B KEY 10POS In stock: 269 pcs RFQ	 IX3120GSTR Manufacturers: IXYS Integrated Circuits Division Description: OPTOISO 3.75KV 1CH GATE DVR 8SMD In stock: Out stock RFQ
 IX30G-B-10S-CV(7.0) Manufacturers: Hirose Description: CONN PLUG IX B KEY 10POS In stock: 258 pcs RFQ	 IX3120GES Manufacturers: IXYS Integrated Circuits Division Description: OPTOISO 3.75KV 1CH GATE DVR 8SMD In stock: Out stock RFQ
 IX3120GE Manufacturers: IXYS Integrated Circuits Division Description: OPTOISO 3.75KV 1CH GATE DVR 8DIP In stock: Out stock RFQ	 IX31G-A-10S-CV(7.0) Manufacturers: Hirose Description: CONN PLUG IX A KEY 10POS In stock: 404 pcs RFQ
 IX3120G Manufacturers: IXYS Integrated Circuits Division Description: OPTOISO 3.75KV 1CH GATE DVR 8DIP In stock: Out stock RFQ	 IX3180GSTR Manufacturers: IXYS Integrated Circuits Division Description: OPTOISO 3.75KV 1CH GATE DVR 8SMD In stock: Out stock RFQ
 IX3180G Manufacturers: IXYS Integrated Circuits Division Description: OPTOISO 3.75KV 1CH GATE DVR 8DIP In stock: 479 pcs RFQ	 IX3120GESTR Manufacturers: IXYS Integrated Circuits Division Description: OPTOISO 3.75KV 1CH GATE DVR 8SMD In stock: Out stock RFQ
 IX3180GS Manufacturers: IXYS Integrated Circuits Division Description: OPTOISO 3.75KV 1CH GATE DVR 8SMD In stock: 397 pcs RFQ	 IX30G-A-10S-CV(7.0) Manufacturers: Hirose Description: CONN PLUG IX A KEY 10POS In stock: 338 pcs RFQ