



### IL612A-2E

Part Number: **IL612A-2E**  
 Product Description: DGTL ISO 2.5KV 2CH GEN PURP 8DIP  
 RoHs Status: Lead free / RoHS Compliant  
 Datasheets: [IL612A-2E.pdf](#)

Manufacturer/Brand: NVE Corporation  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

[SUBMIT RFQ](#)

Image may be representation.  
 See specifications for product details.

#### Product details

<b>Part Number</b>	IL612A-2E	<b>Manufacturer</b>	NVE Corporation
<b>Description</b>	DGTL ISO 2.5KV 2CH GEN PURP 8DIP	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>	IL612A-2E.pdf		
<b>Voltage - Supply</b>	3 V ~ 5.5 V	<b>Voltage - Isolation</b>	2500Vrms
<b>Type</b>	General Purpose	<b>Technology</b>	GMR (Giant Magnetoresistive)
<b>Supplier Device Package</b>	8-PDIP	<b>Series</b>	IsoLoop®
<b>Rise / Fall Time (Typ)</b>	10µs, 10µs (Max)	<b>Pulse Width Distortion (Max)</b>	-
<b>Propagation Delay tpLH / tpHL (Max)</b>	75ns, 25ns	<b>Packaging</b>	Tube
<b>Package / Case</b>	8-DIP (0.300", 7.62mm)	<b>Other Names</b>	390-1089-5 IL612A2E
<b>Operating Temperature</b>	-40°C ~ 85°C	<b>Number of Channels</b>	2
<b>Mounting Type</b>	Through Hole	<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)
<b>Manufacturer Standard Lead Time</b>	10 Weeks	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Isolated Power</b>	No	<b>Inputs - Side 1/Side 2</b>	1/1
<b>Detailed Description</b>	General Purpose Digital Isolator 2500Vrms 2 Channel 10Mbps 15KV/µs CMTI 8-DIP (0.300", 7.62mm)	<b>Data Rate</b>	10Mbps
<b>Common Mode Transient Immunity (Min)</b>	15KV/µs	<b>Channel Type</b>	Unidirectional

#### Related Products

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