



Image may be representation.  
See specifications for product details.

### IL814TE

Part Number: **IL814TE**  
 Product Description: DCTL ISO 2.5KV GEN PURP 16SOIC  
 RoHS Status: Lead free / RoHS Compliant  
 Datasheets: [IL814TE.pdf](#)

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

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#### Product details

<b>Part Number</b>	IL814TE	<b>Manufacturer</b>	NVE Corporation
<b>Description</b>	DCTL ISO 2.5KV GEN PURP 16SOIC	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>	IL814TE.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>	16-SOIC	<b>Series</b>	IsoLoop®
<b>Rise / Fall Time (Typ)</b>	1ns, 1ns	<b>Pulse Width Distortion (Max)</b>	3ns
<b>Propagation Delay tpLH / tpHL (Max)</b>	15ns, 15ns	<b>Packaging</b>	Tube
<b>Package / Case</b>	16-SOIC (0.295", 7.50mm Width)	<b>Other Names</b>	390-1161-5
<b>Operating Temperature</b>	-40°C ~ 125°C	<b>Number of Channels</b>	3
<b>Mounting Type</b>	Surface Mount	<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>	2/1
<b>Detailed Description</b>	General Purpose Digital Isolator 2500Vrms 3 Channel 110Mbps 30kV/μs CMTI 16-SOIC (0.295", 7.50mm Width)	<b>Data Rate</b>	110Mbps
<b>Common Mode Transient Immunity (Min)</b>	30kV/μs	<b>Channel Type</b>	Unidirectional

#### Related Products

 <b>ADUM130D1BRZ-RL7</b> Manufacturers: ADI (Analog Devices, Inc.) Description: DCTL ISO 3KV 3CH GEN PURP 16SOIC Download: <a href="#">ADUM130D1BRZ-RL7.pdf</a>	<a href="#">RFQ</a>	 <b>ADUM4152ARIZ</b> Manufacturers: ADI (Analog Devices, Inc.) Description: DCTL ISOLATOR 5KV 7CH SPI 20SOIC Download: <a href="#">ADUM4152ARIZ.pdf</a>	<a href="#">RFQ</a>
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