



NVE Corporation

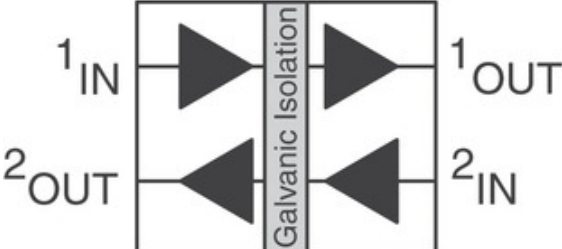


Diagram showing the pinout of the IL712S-3E digital isolator. It features two channels of isolation. Channel 1 has input 1_{IN} and output 1_{OUT}. Channel 2 has input 2_{IN} and output 2_{OUT}. A central vertical bar indicates Galvanic Isolation between the two channels.

Image may be representation. See specifications for product details.

IL712S-3E

Part Number:	IL712S-3E
Manufacturer/Brand:	NVE Corporation
Product description	DGTL ISO 2.5KV GEN PURP 8SOIC
Datasheets:	 IL712S-3E.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	10401 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

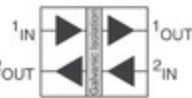
Specifications of IL712S-3E

PART NUMBER	IL712S-3E
MANUFACTURER	NVE Corporation
DESCRIPTION	DGTL ISO 2.5KV GEN PURP 8SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	10401 pcs
DATA SHEET	 IL712S-3E.pdf
VOLTAGE - SUPPLY	3 V ~ 5.5 V
VOLTAGE - ISOLATION	2500Vrms
TYPE	General Purpose
TECHNOLOGY	GMR (Giant Magnetoresistive)
SUPPLIER DEVICE PACKAGE	8-SOIC
SERIES	IsoLoop®
RISE / FALL TIME (TYP)	1ns, 1ns
PULSE WIDTH DISTORTION (MAX)	3ns
PROPAGATION DELAY TPLH / TPHL (MAX)	15ns, 15ns
PACKAGING	Tube
PACKAGE / CASE	8-SOIC (0.154", 3.90mm Width)
OTHER NAMES	390-1111 390-1111-5 390-1111-ND IL712S3E
OPERATING TEMPERATURE	-40°C ~ 100°C
NUMBER OF CHANNELS	2
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
ISOLATED POWER	No
INPUTS - SIDE 1/SIDE 2	1/1
DETAILED DESCRIPTION	General Purpose Digital Isolator 2500Vrms 2 Channel 150Mbps 30kV/μs CMTI 8-SOIC (0.154", 3.90mm Width)
DATA RATE	150Mbps
COMMON MODE TRANSIENT IMMUNITY (MIN)	30kV/μs
CHANNEL TYPE	Unidirectional

Related Tags

NVE Corporation IL712S-3E	IL712S-3E Distributor	IL712S-3E Supplier
IL712S-3E Price	IL712S-3E Pictures	IL712S-3E Image
IL712S-3E PDF Datasheet	IL712S-3E Download Datasheet	IL712S-3E Datasheet
IL712S-3E Stock	Buy IL712S-3E	Buy NVE Corporation IL712S-3E
NVE Corporation IL712S-3E	NVE Corporation Supplier	NVE Corporation Distributor
NVE Corporation IL712S-3E	NVE Corp/Isolation Products IL712S-3E	NVE Corp/Sensor Products IL712S-3E

Related Products

 IL712T-3E Manufacturers: NVE Corporation Description: DGTL ISO 2.5KV GEN PURP 8SOIC In stock: 12027 pcs RFQ	 IL712-3B Manufacturers: NVE Corporation Description: DGTL ISO 2.5KV GEN PURP 8SOIC In stock: 6009 pcs RFQ
 IL712-3 Manufacturers: NVE Corporation Description: DGTL ISO 2.5KV GEN PURP 8SOIC In stock: 16228 pcs RFQ	 IL712T-3 Manufacturers: NVE Corporation Description: DGTL ISO 2.5KV GEN PURP 8SOIC In stock: 9889 pcs RFQ
 IL712S-1E Manufacturers: NVE Corporation Description: DGTL ISO 1KV 2CH GEN PURP 8MSOP In stock: 11911 pcs RFQ	 IL712-2B Manufacturers: NVE Corporation Description: DGTL ISO 2.5KV 2CH GEN PURP 8DIP In stock: 4882 pcs RFQ
 IL712T-1E Manufacturers: NVE Corporation Description: DGTL ISO 1KV 2CH GEN PURP 8MSOP In stock: 13041 pcs RFQ	 IL715 Manufacturers: NVE Corporation Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: 13300 pcs RFQ
 IL712-2E Manufacturers: NVE Corporation Description: DGTL ISO 2.5KV 2CH GEN PURP 8DIP In stock: 13641 pcs RFQ	 IL712-3E Manufacturers: NVE Corporation Description: DGTL ISO 2.5KV GEN PURP 8SOIC In stock: 12663 pcs RFQ
 IL712T-2E Manufacturers: NVE Corporation Description: DGTL ISO 2.5KV 2CH GEN PURP 8DIP In stock: 12180 pcs RFQ	 IL712V-1E Manufacturers: NVE Corporation Description: DGTL ISO 2.5KV GEN PURP 8MSOP In stock: 12595 pcs RFQ