



NVE Corporation

### IL3585

Part Number:	IL3585
Manufacturer/Brand:	NVE Corporation
Product description:	DG ISO 2.5KV RS422/RS485 16SOIC
Datasheets:	<a href="#">IL3585.pdf</a>
RoHs Status:	Contains lead / RoHS non-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 IL3585

PART NUMBER	IL3585
MANUFACTURER	NVE Corporation
DESCRIPTION	DG ISO 2.5KV RS422/RS485 16SOIC
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
DATA SHEET	<a href="#">IL3585.pdf</a>
VOLTAGE - SUPPLY	3 V ~ 5.5 V, 4.5 V ~ 5.5 V
VOLTAGE - ISOLATION	2500Vrms
TYPE	RS422, RS485
TECHNOLOGY	GMR (Giant Magnetoresistive)
SUPPLIER DEVICE PACKAGE	16-SOIC
SERIES	IsoLoop®
RISE / FALL TIME (TYP)	-
PULSE WIDTH DISTORTION (MAX)	-
PROPAGATION DELAY TPLH / TPHL (MAX)	35ns, 35ns
PACKAGING	Tube
PACKAGE / CASE	16-SOIC (0.295", 7.50mm Width)
OTHER NAMES	390-1033-5
OPERATING TEMPERATURE	-40°C ~ 85°C
NUMBER OF CHANNELS	3
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER STANDARD LEAD TIME	10 Weeks
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
ISOLATED POWER	No
INPUTS - SIDE 1/SIDE 2	2/1
DETAILED DESCRIPTION	RS422, RS485 Digital Isolator 2500Vrms 3 Channel 40Mbps 30kV/μs CMTI 16-SOIC (0.295", 7.50mm Width)
DATA RATE	40Mbps
COMMON MODE TRANSIENT IMMUNITY (MIN)	30kV/μs
CHANNEL TYPE	Unidirectional

#### Related Tags

NVE Corporation IL3585	IL3585 Distributor	IL3585 Supplier
IL3585 Price	IL3585 Pictures	IL3585 Image
IL3585 PDF Datasheet	IL3585 Download Datasheet	IL3585 Datasheet
IL3585 Stock	Buy IL3585	Buy NVE Corporation IL3585
NVE Corporation IL3585	NVE Corporation Supplier	NVE Corporation Distributor
NVE Corporation IL3585	NVE Corp/Isolation Products IL3585	NVE Corp/Sensor Products IL3585

#### Related Products

<p><b>IL350</b> Manufacturers: Vishay / Semiconductor - Opto Division Description: OPTOISO 3KV PHVOLT 8SOP In stock: Out stock</p> <p><a href="#">RFQ</a></p>	<p><b>IL3585-01</b> Manufacturers: NVE Corporation Description: ISOLATED RS-485 EVAL BOARD In stock: 1 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>IL3585E</b> Manufacturers: NVE Corporation Description: DG ISO 2.5KV RS422/RS485 16SOIC In stock: Out stock</p> <p><a href="#">RFQ</a></p>	<p><b>IL358T</b> Manufacturers: Vishay / Semiconductor - Opto Division Description: OPTOISO 3KV PHVOLT 8SOP In stock: Out stock</p> <p><a href="#">RFQ</a></p>
<p><b>IL3585VE</b> Manufacturers: NVE Corporation Description: DGTL ISO 6KV RS422/RS485 16SOIC In stock: 69 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>IL3522VE</b> Manufacturers: NVE Corporation Description: DGTL ISO 6KV RS422/RS485 16SOIC In stock: 157 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>IL358</b> Manufacturers: Vishay / Semiconductor - Opto Division Description: OPTOISO 3KV PHVOLT 8SOP In stock: Out stock</p> <p><a href="#">RFQ</a></p>	<p><b>IL3585-3E</b> Manufacturers: NVE Corporation Description: DG ISO 2.5KV RS422/RS485 16SOIC In stock: 94 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>IL3522ETR13</b> Manufacturers: NVE Corporation Description: DG ISO 2.5KV RS422/RS485 16SOIC In stock: Out stock</p> <p><a href="#">RFQ</a></p>	<p><b>IL350T</b> Manufacturers: Vishay / Semiconductor - Opto Division Description: OPTOISO 3KV PHVOLT 8SOP In stock: Out stock</p> <p><a href="#">RFQ</a></p>
<p><b>IL3522E</b> Manufacturers: NVE Corporation Description: DG ISO 2.5KV RS422/RS485 16SOIC In stock: Out stock</p> <p><a href="#">RFQ</a></p>	<p><b>IL3585-3-01</b> Manufacturers: NVE Corporation Description: BOARD EVAL FOR IL3585-3E In stock: 2 pcs</p> <p><a href="#">RFQ</a></p>

