

# IL485

#### **IL485 Information**



Part Number	IL485
Manufacturer	NVE Corp/Isolation Products
Category	Isolators Digital Isolators
Description	DGTL ISO RS422/RS485 16SOIC
Package	16-SOIC (0.295", 7.50mm Width)
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com



Request a Quote

For Reference Only

## **Certified Quality**

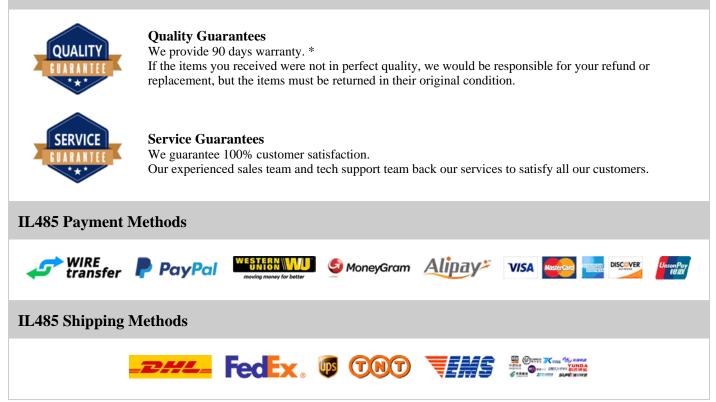
Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



### **IL485** Specifications

Manufacturer Part Number	II.485
Manufacturer	NVE Corp/Isolation Products
Category	Isolators
	Digital Isolators
Package	16-SOIC (0.295", 7.50mm Width)
Series	IsoLoop?
Technology	GMR (Giant Magnetoresistive)
Туре	RS422, RS485
Isolated Power	No
Number of Channels	3
Inputs - Side 1/Side 2	2/1
Channel Type	Unidirectional
Voltage - Isolation	2500Vrms
Common Mode Transient Immunity (Min)	20kV/µs
Data Rate	35Mbps
Propagation Delay tpLH / tpHL (Max)	32ns, 32ns
Pulse Width Distortion (Max)	-
Rise / Fall Time (Typ)	8ns, 8ns
Voltage - Supply	3 V ~ 5.5 V, 4.5 V ~ 5.5 V
Operating Temperature	$-40^{\circ}\mathrm{C} \sim 100^{\circ}\mathrm{C}$
Package / Case	16-SOIC (0.295", 7.50mm Width)
Supplier Device Package	16-SOIC
	Report errors?

#### **IL485** Guarantees



If you have any question about IL485, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com