

IL3485-3E Information

Part Number IL3485-3E

Manufacturer NVE Corp/Isolation Products

Category Isolators

Digital Isolators

Description DGTL ISO RS422/RS485 16SOIC Package 16-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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IL3485-3E Specifications

Manufacturer Part Number IL3485-3E Manufacturer NVE Corp/Isolation Products Category Isolators Package 16-SOIC (0.154", 3.90mm Width) Series IsoLoop? Technology GMR (Giant Magnetoresistive) Type RS422, RS485 Isolated Power No Number of Channels 2 Inputs - Side 1/Side 2 1/1 Channel Type Unidirectional Voltage - Isolation 2500Vrms Common Mode Transient Immunity (Min) 15kV/µs Data Rate 20Mbps Propagation Delay tpLH / tpHL (Max) - Pulse Width Distortion (Max) - Rise / Fall Time (Typ) 12ns, 12ns Voltage - Supply 3 V ~ 5.5 V, 4.5 V ~ 5.5 V Operating Temperature -40°C ~ 85°C Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SOIC (0.154", 3.90mm Width)		
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Inputs - Side 1/Side 2 Channel Type Unidirectional Voltage - Isolation 2500Vrms Common Mode Transient Immunity (Min) Data Rate 20Mbps Propagation Delay tpLH / tpHL (Max) Pulse Width Distortion (Max) Rise / Fall Time (Typ) 12ns, 12ns Voltage - Supply 3 V ~ 5.5 V, 4.5 V ~ 5.5 V Operating Temperature -40°C ~ 85°C Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package	Isolated Power	No
Channel Type Voltage - Isolation 2500Vrms Common Mode Transient Immunity (Min) Data Rate Propagation Delay tpLH / tpHL (Max) Pulse Width Distortion (Max) Rise / Fall Time (Typ) Voltage - Supply Operating Temperature Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package	Number of Channels	2
Voltage - Isolation 2500Vrms Common Mode Transient Immunity (Min) 15kV/ μ s Data Rate 20Mbps Propagation Delay tpLH / tpHL (Max) - Pulse Width Distortion (Max) - Rise / Fall Time (Typ) 12ns, 12ns Voltage - Supply 3 V ~ 5.5 V, 4.5 V ~ 5.5 V Operating Temperature -40°C ~ 85°C Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SOIC	Inputs - Side 1/Side 2	1/1
Common Mode Transient Immunity (Min) Data Rate 20Mbps Propagation Delay tpLH / tpHL (Max) Pulse Width Distortion (Max) Rise / Fall Time (Typ) 12ns, 12ns Voltage - Supply 3 V ~ 5.5 V, 4.5 V ~ 5.5 V Operating Temperature -40°C ~ 85°C Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package	Channel Type	Unidirectional
Data Rate 20Mbps Propagation Delay tpLH / tpHL (Max) - Pulse Width Distortion (Max) - Rise / Fall Time (Typ) 12ns, 12ns Voltage - Supply 3 V ~ 5.5 V, 4.5 V ~ 5.5 V Operating Temperature -40°C ~ 85°C Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SOIC	Voltage - Isolation	2500Vrms
Propagation Delay tpLH / tpHL (Max) Pulse Width Distortion (Max) Rise / Fall Time (Typ) 12ns, 12ns Voltage - Supply 3 V ~ 5.5 V, 4.5 V ~ 5.5 V Operating Temperature -40°C ~ 85°C Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package	Common Mode Transient Immunity (Min)	15kV/μs
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Rise / Fall Time (Typ) 12ns, 12ns Voltage - Supply 3 $V \sim 5.5 V$, $4.5 V \sim 5.5 V$ Operating Temperature -40°C ~ 85 °C Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SOIC	Propagation Delay tpLH / tpHL (Max)	-
Voltage - Supply $3\ V \sim 5.5\ V, 4.5\ V \sim 5.5\ V$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case $16\text{-SOIC}\ (0.154'', 3.90\text{mm Width})$ Supplier Device Package 16-SOIC	Pulse Width Distortion (Max)	-
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SOIC	Rise / Fall Time (Typ)	12ns, 12ns
Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SOIC	Voltage - Supply	3 V ~ 5.5 V, 4.5 V ~ 5.5 V
Supplier Device Package 16-SOIC	Operating Temperature	-40°C ~ 85°C
	Package / Case	16-SOIC (0.154", 3.90mm Width)
Report errors?	Supplier Device Package	16-SOIC
		Report errors?

IL3485-3E Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

IL3485-3E Payment Methods





















IL3485-3E Shipping Methods













If you have any question about IL3485-3E, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com