

IL610A-2 Information

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For Reference Only

Part Number IL610A-2

Manufacturer NVE Corp/Isolation Products

Category Isolators

Digital Isolators

Description DGTL ISO 2.5KV 1CH GEN PURP 8DIP

Package 8-DIP (0.300", 7.62mm)

For the pricing/inventory/lead time, please contact

us

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



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IL610A-2 Specifications

Manufacturer Part Number IL610A-2 Manufacturer NVE Corp/Isolation Products Category Isolators Package 8-DIP (0.300", 7.62mm) Series IsoLoop? Technology GMR (Giant Magnetoresistive) Type General Purpose Isolated Power No Number of Channels 1 Inputs - Side I/Side 2 1/0 Channel Type Unidirectional Voltage - Isolation 2500Vrms Common Mode Transient Immunity (Min) 15kV/µs Data Rate 10Mbps Propagation Delay tpLH / tpHL (Max) 75ns, 25ns Pulse Width Distortion (Max) - Rise / Fall Time (Typ) - Voltage - Supply 3 V ~ 5.5 V Operating Temperature -55°C ~ 125°C Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-DIP (0.300", 7.62mm)		
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Technology Type General Purpose Isolated Power No Number of Channels Inputs - Side 1/Side 2 Channel Type Unidirectional Voltage - Isolation Common Mode Transient Immunity (Min) Data Rate 10Mbps Propagation Delay tpLH / tpHL (Max) Pulse Width Distortion (Max) Rise / Fall Time (Typ) Voltage - Supply Operating Temperature Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package	Package	8-DIP (0.300", 7.62mm)
TypeGeneral PurposeIsolated PowerNoNumber of Channels1Inputs - Side 1/Side 21/0Channel TypeUnidirectionalVoltage - Isolation2500VrmsCommon Mode Transient Immunity (Min)15kV/μsData Rate10MbpsPropagation Delay tpLH / tpHL (Max)75ns, 25nsPulse Width Distortion (Max)-Rise / Fall Time (Typ)-Voltage - Supply3 V ~ 5.5 VOperating Temperature-55°C ~ 125°CPackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-PDIP	Series	IsoLoop?
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Inputs - Side 1/Side 2 Channel Type Unidirectional Voltage - Isolation 2500Vrms Common Mode Transient Immunity (Min) 15kV/µs Data Rate 10Mbps Propagation Delay tpLH / tpHL (Max) Propagation (Max) Rise / Fall Time (Typ) - Voltage - Supply Operating Temperature -55°C ~ 125°C Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package	Isolated Power	No
Channel TypeUnidirectionalVoltage - Isolation2500VrmsCommon Mode Transient Immunity (Min)15kV/μsData Rate10MbpsPropagation Delay tpLH / tpHL (Max)75ns, 25nsPulse Width Distortion (Max)-Rise / Fall Time (Typ)-Voltage - Supply3 V ~ 5.5 VOperating Temperature-55°C ~ 125°CPackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-PDIP	Number of Channels	1
Voltage - Isolation Common Mode Transient Immunity (Min) Data Rate 10Mbps Propagation Delay tpLH / tpHL (Max) Pulse Width Distortion (Max) Rise / Fall Time (Typ) Voltage - Supply Operating Temperature Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package	Inputs - Side 1/Side 2	1/0
Common Mode Transient Immunity (Min) Data Rate 10Mbps Propagation Delay tpLH / tpHL (Max) Pulse Width Distortion (Max) Rise / Fall Time (Typ) Voltage - Supply Operating Temperature Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package	Channel Type	Unidirectional
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Propagation Delay tpLH / tpHL (Max) Pulse Width Distortion (Max) Rise / Fall Time (Typ) Voltage - Supply Operating Temperature Package / Case Supplier Device Package 75ns, 25ns	Common Mode Transient Immunity (Min)	$15kV/\mu s$
Pulse Width Distortion (Max) Rise / Fall Time (Typ) Voltage - Supply Operating Temperature Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-PDIP	Data Rate	10Mbps
Rise / Fall Time (Typ)-Voltage - Supply $3 \text{ V} \sim 5.5 \text{ V}$ Operating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Package / Case $8\text{-DIP } (0.300^{\circ}, 7.62\text{mm})$ Supplier Device Package 8-PDIP	Propagation Delay tpLH / tpHL (Max)	75ns, 25ns
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Operating Temperature-55°C ~ 125°CPackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-PDIP	Rise / Fall Time (Typ)	-
Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-PDIP	Voltage - Supply	3 V ~ 5.5 V
Supplier Device Package 8-PDIP	Operating Temperature	-55°C ~ 125°C
	Package / Case	8-DIP (0.300", 7.62mm)
Report errors?	Supplier Device Package	8-PDIP
The post of the po		Report errors?

IL610A-2 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.

IL610A-2 Payment Methods



















IL610A-2 Shipping Methods













If you have any question about IL610A-2, please do not hesitate to contact us!

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