

IL721VE Information



For Reference Only

Part Number IL721VE

Manufacturer NVE Corp/Isolation Products

Category Isolators

Digital Isolators

Description DGTL ISO 6KV 2CH GEN PURP 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



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Certified Quality

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IL721VE Specifications

Manufacturer Part Number IL721VE Manufacturer NVE Corp/Isolation Products Category Isolators Package 16-SOIC (0.295", 7.50mm Width) Series IsoLoop? Technology GMR (Giant Magnetoresistive) Type General Purpose Isolated Power No Number of Channels 2 Inputs - Side 1/Side 2 1/1 Channel Type Unidirectional Voltage - Isolation 6000Vrms Common Mode Transient Immunity (Min) 30kV/µs Data Rate 110Mbps Propagation Delay tpLH / tpHL (Max) 15ns, 15ns Pulse Width Distortion (Max) 3ns Rise / Fall Time (Typ) 1ns, 1ns Voltage - Supply 3 V ~ 5.5 V Operating Temperature 40°C ~ 125°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package True 8?, 16-SOIC		
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Inputs - Side 1/Side 2 Channel Type Unidirectional Voltage - Isolation Common Mode Transient Immunity (Min) Data Rate 110Mbps Propagation Delay tpLH / tpHL (Max) Pulse Width Distortion (Max) Rise / Fall Time (Typ) Voltage - Supply Operating Temperature -40°C ~ 125°C Package / Case 110M Supplier Device Package 171 171 Unidirectional Unidirectional 181 181 180 180 180 180 180 18	Isolated Power	No
Channel Type Voltage - Isolation 6000Vrms Common Mode Transient Immunity (Min) Data Rate 110Mbps Propagation Delay tpLH / tpHL (Max) Pulse Width Distortion (Max) Rise / Fall Time (Typ) Voltage - Supply Operating Temperature -40°C ~ 125°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package	Number of Channels	2
Voltage - Isolation 6000Vrms Common Mode Transient Immunity (Min) 30kV/µs Data Rate 110Mbps Propagation Delay tpLH / tpHL (Max) 15ns, 15ns Pulse Width Distortion (Max) 3ns Rise / Fall Time (Typ) 1ns, 1ns Voltage - Supply 3 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package True 8?, 16-SOIC	Inputs - Side 1/Side 2	1/1
Common Mode Transient Immunity (Min) Data Rate 110Mbps Propagation Delay tpLH / tpHL (Max) Pulse Width Distortion (Max) Rise / Fall Time (Typ) 1ns, 1ns Voltage - Supply 3 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package True 8?, 16-SOIC	Channel Type	Unidirectional
Data Rate 110Mbps Propagation Delay tpLH / tpHL (Max) 15ns, 15ns Pulse Width Distortion (Max) 3ns Rise / Fall Time (Typ) 1ns, 1ns Voltage - Supply 3 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package True 8?, 16-SOIC	Voltage - Isolation	6000Vrms
Propagation Delay tpLH / tpHL (Max) Pulse Width Distortion (Max) Rise / Fall Time (Typ) 1ns, 1ns Voltage - Supply 3 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package True 8?, 16-SOIC	Common Mode Transient Immunity (Min)	30kV/μs
Pulse Width Distortion (Max) Rise / Fall Time (Typ) 1ns, 1ns Voltage - Supply 3 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Package / Case 16-SOIC (0.295", 7.50mm Width) True 8?, 16-SOIC	Data Rate	110Mbps
Rise / Fall Time (Typ)	Propagation Delay tpLH / tpHL (Max)	15ns, 15ns
Voltage - Supply $3\ V \sim 5.5\ V$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Package / Case $16\text{-SOIC (0.295'', 7.50mm Width)}$ Supplier Device Package True 8?, 16-SOIC	Pulse Width Distortion (Max)	3ns
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package True 8?, 16-SOIC	Rise / Fall Time (Typ)	1ns, 1ns
Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package True 8?, 16-SOIC	Voltage - Supply	3 V ~ 5.5 V
Supplier Device Package True 8?, 16-SOIC	Operating Temperature	-40°C ~ 125°C
	Package / Case	16-SOIC (0.295", 7.50mm Width)
Report errors?	Supplier Device Package	True 8?, 16-SOIC
		Report errors?

IL721VE 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.

IL721VE Payment Methods



















IL721VE Shipping Methods













If you have any question about IL721VE, please do not hesitate to contact us!

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