



ISO7240ADWR Information



For Reference Only

Part Number ISO7240ADWR
Manufacturer Texas Instruments

Category Isolators

Digital Isolators

Description DGTL ISO 4KV 4CH 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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ISO7240ADWR Specifications

Manufacturer Part Number ISO7240ADWR Manufacturer Texas Instruments Category Isolators Package 16-SOIC (0.295", 7.50mm Width) Series - Technology Capacitive Coupling Type General Purpose Isolated Power No Number of Channels 4 Inputs - Side 1/Side 2 4/0 Channel Type Unidirectional Voltage - Isolation 4000Vpk Common Mode Transient Immunity (Min) 25kV/µs Data Rate 1Mbps Propagation Delay tpLH / tpHL (Max) 95ns, 95ns Pulse Width Distortion (Max) 10ns Rise / Fall Time (Typ) 2ns, 2ns Voltage - Supply 3.15 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC		
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TypeGeneral PurposeIsolated PowerNoNumber of Channels4Inputs - Side 1/Side 24/0Channel TypeUnidirectionalVoltage - Isolation4000VpkCommon Mode Transient Immunity (Min)25kV/µsData Rate1MbpsPropagation Delay tpLH / tpHL (Max)95ns, 95nsPulse Width Distortion (Max)10nsRise / Fall Time (Typ)2ns, 2nsVoltage - Supply3.15 V ~ 5.5 VOperating Temperature-40°C ~ 125°CPackage / Case16-SOIC (0.295", 7.50mm Width)Supplier Device Package16-SOIC	Series	-
Isolated PowerNoNumber of Channels4Inputs - Side 1/Side 2 $4/0$ Channel TypeUnidirectionalVoltage - Isolation 4000Vpk Common Mode Transient Immunity (Min) $25\text{kV}/\mu\text{s}$ Data Rate 1Mbps Propagation Delay tpLH / tpHL (Max) 95ns , 95ns Pulse Width Distortion (Max) 10ns Rise / Fall Time (Typ) 2ns , 2ns Voltage - Supply $3.15 \text{ V} \sim 5.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Package / Case 16-SOIC (0.295° , 7.50mm Width)Supplier Device Package 16-SOIC	Technology	Capacitive Coupling
Number of Channels4Inputs - Side 1/Side 24/0Channel TypeUnidirectionalVoltage - Isolation4000VpkCommon Mode Transient Immunity (Min)25kV/μsData Rate1MbpsPropagation Delay tpLH / tpHL (Max)95ns, 95nsPulse Width Distortion (Max)10nsRise / Fall Time (Typ)2ns, 2nsVoltage - Supply3.15 V ~ 5.5 VOperating Temperature-40°C ~ 125°CPackage / Case16-SOIC (0.295", 7.50mm Width)Supplier Device Package16-SOIC	Туре	General Purpose
Inputs - Side 1/Side 2 4/0 Channel Type Unidirectional Voltage - Isolation 4000Vpk Common Mode Transient Immunity (Min) 25kV/ μ s Data Rate 1Mbps Propagation Delay tpLH / tpHL (Max) 95ns, 95ns Pulse Width Distortion (Max) 10ns Rise / Fall Time (Typ) 2ns, 2ns Voltage - Supply 3.15 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package	Isolated Power	No
Channel Type Voltage - Isolation 4000Vpk 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 (0.295", 7.50mm Width) Supplier Device Package	Number of Channels	4
Voltage - Isolation 4000Vpk Common Mode Transient Immunity (Min) 25kV/ μ s Data Rate 1Mbps Propagation Delay tpLH / tpHL (Max) 95ns, 95ns Pulse Width Distortion (Max) 10ns Rise / Fall Time (Typ) 2ns, 2ns Voltage - Supply 3.15 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC	Inputs - Side 1/Side 2	4/0
Common Mode Transient Immunity (Min) 25kV/ μ s Data Rate 1Mbps Propagation Delay tpLH / tpHL (Max) 95ns, 95ns Pulse Width Distortion (Max) 10ns Rise / Fall Time (Typ) 2ns, 2ns Voltage - Supply 3.15 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC	Channel Type	Unidirectional
Data Rate 1Mbps Propagation Delay tpLH / tpHL (Max) 95ns, 95ns Pulse Width Distortion (Max) 10ns Rise / Fall Time (Typ) 2ns, 2ns Voltage - Supply 3.15 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC	Voltage - Isolation	4000Vpk
Propagation Delay tpLH / tpHL (Max) Pulse Width Distortion (Max) Rise / Fall Time (Typ) 2ns, 2ns Voltage - Supply 3.15 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package	Common Mode Transient Immunity (Min)	$25kV/\mu s$
Pulse Width Distortion (Max) Rise / Fall Time (Typ) 2ns, 2ns Voltage - Supply 3.15 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package	Data Rate	1Mbps
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Voltage - Supply $3.15 \text{ V} \sim 5.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Package / Case $16\text{-SOIC} \ (0.295'', 7.50\text{mm Width})$ Supplier Device Package 16-SOIC	Pulse Width Distortion (Max)	10ns
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC	Rise / Fall Time (Typ)	2ns, 2ns
Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC	Voltage - Supply	3.15 V ~ 5.5 V
Supplier Device Package 16-SOIC	Operating Temperature	-40°C ~ 125°C
	Package / Case	16-SOIC (0.295", 7.50mm Width)
Report errors?	Supplier Device Package	16-SOIC
		Report errors?

ISO7240ADWR 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.

ISO7240ADWR Payment Methods



















ISO7240ADWR Shipping Methods













If you have any question about ISO7240ADWR, please do not hesitate to contact us!

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