



ISO7520CDWR Information



For Reference Only

Part Number ISO7520CDWR
Manufacturer Texas Instruments

Category Isolators

Digital Isolators

Description DGTL ISO 4.243KV 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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ISO7520CDWR Specifications

Manufacturer Part Number ISO7520CDWR 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 2 Inputs - Side 1/Side 2 2/0 Channel Type Unidirectional Voltage - Isolation 4243 Vrms Common Mode Transient Immunity (Min) 25kV/µs Data Rate 1Mbps Propagation Delay tpLH / tpHL (Max) 14ns, 14ns Pulse Width Distortion (Max) 3,7ns Rise / Fall Time (Typ) 1ns, 1ns Voltage - Supply 3.15 V ~ 3.45 V, 4.75 V ~ 5.25 V Operating Temperature 40°C ~ 105°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC		
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Series-TechnologyCapacitive CouplingTypeGeneral PurposeIsolated PowerNoNumber of Channels2Inputs - Side 1/Side 22/0Channel TypeUnidirectionalVoltage - Isolation4243 VrmsCommon Mode Transient Immunity (Min)25k V/µsData Rate1MbpsPropagation Delay tpLH / tpHL (Max)14ns, 14nsPulse Width Distortion (Max)3.7nsRise / Fall Time (Typ)1ns, 1nsVoltage - Supply3.15 V ~ 3.45 V, 4.75 V ~ 5.25 VOperating Temperature-40°C ~ 105°CPackage / Case16-SOIC (0.295", 7.50mm Width)Supplier Device Package16-SOIC		Digital Isolators
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Channel Type Voltage - Isolation 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	2
Voltage - Isolation 4243 Vrms Common Mode Transient Immunity (Min) 25k V/ μ s Data Rate 1Mbps Propagation Delay tpLH / tpHL (Max) 14ns, 14ns Pulse Width Distortion (Max) 3.7ns Rise / Fall Time (Typ) 1ns, 1ns Voltage - Supply 3.15 V ~ 3.45 V, 4.75 V ~ 5.25 V Operating Temperature -40°C ~ 105°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC	Inputs - Side 1/Side 2	2/0
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Data Rate Propagation Delay tpLH / tpHL (Max) Pulse Width Distortion (Max) Rise / Fall Time (Typ) 1ns, 1ns Voltage - Supply Operating Temperature Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package	Voltage - Isolation	4243Vrms
Propagation Delay tpLH / tpHL (Max) Pulse Width Distortion (Max) Rise / Fall Time (Typ) 1ns, 1ns Voltage - Supply Operating Temperature Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package	Common Mode Transient Immunity (Min)	25kV/μs
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Operating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$ Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC	Rise / Fall Time (Typ)	1ns, 1ns
Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC	Voltage - Supply	3.15 V ~ 3.45 V, 4.75 V ~ 5.25 V
Supplier Device Package 16-SOIC	Operating Temperature	-40°C ~ 105°C
	Package / Case	16-SOIC (0.295", 7.50mm Width)
Report errors?	Supplier Device Package	16-SOIC
		Report errors?

ISO7520CDWR 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.

ISO7520CDWR Payment Methods



















ISO7520CDWR Shipping Methods













If you have any question about ISO7520CDWR, please do not hesitate to contact us!

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