



## ISO7230CDWG4 Information



For Reference Only

Part Number ISO7230CDWG4
Manufacturer Texas Instruments

**Category** Isolators

**Digital Isolators** 

**Description** DGTL ISO 2.5KV 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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# ISO7230CDWG4 Specifications

Manufacturer Part Number         ISO7230CDWG4           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         3           Inputs - Side 1/Side 2         3/0           Channel Type         Unidirectional           Voltage - Isolation         2500Vrms           Common Mode Transient Immunity (Min)         25kV/µs           Data Rate         25Mbps           Propagation Delay tpLH / tpHL (Max)         42ns, 42ns           Pulse Width Distortion (Max)         2.5ns           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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Isolated PowerNoNumber of Channels3Inputs - Side 1/Side 2 $3/0$ Channel TypeUnidirectionalVoltage - Isolation $2500Vrms$ Common Mode Transient Immunity (Min) $25kV/\mu s$ Data Rate $25Mbps$ Propagation Delay tpLH / tpHL (Max) $42ns$ , $42ns$ Pulse Width Distortion (Max) $2.5ns$ Rise / Fall Time (Typ) $2ns$ , $2ns$ Voltage - Supply $3.15 V \sim 5.5 V$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Package / Case $16-SOIC$ ( $0.295^{\circ}$ , $7.50mm$ Width)Supplier Device Package $16-SOIC$	Technology	Capacitive Coupling
Number of Channels3Inputs - Side 1/Side 23/0Channel TypeUnidirectionalVoltage - Isolation2500VrmsCommon Mode Transient Immunity (Min)25kV/μsData Rate25MbpsPropagation Delay tpLH / tpHL (Max)42ns, 42nsPulse Width Distortion (Max)2.5nsRise / 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  Channel Type  Unidirectional  Voltage - Isolation  2500Vrms  Common Mode Transient Immunity (Min)  Data Rate  25Mbps  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	Isolated Power	No
Channel Type Voltage - Isolation 2500Vrms  Common Mode Transient Immunity (Min) 25kV/µs  Data Rate 25Mbps Propagation Delay tpLH / tpHL (Max) 42ns, 42ns  Pulse Width Distortion (Max) 2.5ns  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	Number of Channels	3
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Common Mode Transient Immunity (Min)  Data Rate  25Mbps  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	Channel Type	Unidirectional
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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 $16\text{-SOIC}$	Pulse Width Distortion (Max)	2.5ns
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Package / Case $16\text{-SOIC}$ (0.295", 7.50mm Width) Supplier Device Package $16\text{-SOIC}$	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
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Report errors?	Supplier Device Package	16-SOIC
		Report errors?

#### ISO7230CDWG4 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.

### **ISO7230CDWG4 Payment Methods**



















### **ISO7230CDWG4 Shipping Methods**













If you have any question about ISO7230CDWG4, please do not hesitate to contact us!

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