



ADUM6403CRWZ Information



For Reference Only

Part Number ADUM6403CRWZ
Manufacturer Analog Devices Inc.

Category Isolators

Digital Isolators

Description DGTL ISO 5KV 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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ADUM6403CRWZ Specifications

Manufacturer Part Number ADUM6403CRWZ Manufacturer Analog Devices Inc. Category Isolators Package 16-SOIC (0.295", 7.50mm Width) Series IsoPower?, iCoupler? Technology Magnetic Coupling Type General Purpose Isolated Power Yes Number of Channels 4 Inputs - Side 1/Side 2 1/3 Channel Type Unidirectional Voltage - Isolation 5000Vrms Common Mode Transient Immunity (Min) 25kV/µs Data Rate 25Mbps Propagation Delay tpLH / tpHL (Max) 60ns, 60ns Pulse Width Distortion (Max) 6ns Rise / Fall Time (Typ) 2.5ns, 2.5ns Voltage - Supply 3 V ~ 5.5 V Operating Temperature -40°C ~ 105°C Package / Case 16-SOIC (0.295", 7.50mm Width)		
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Isolated Power Number of Channels Inputs - Side 1/Side 2 Channel Type Unidirectional Voltage - Isolation Common Mode Transient Immunity (Min) Data Rate 25Mbps Propagation Delay tpLH / tpHL (Max) Pulse Width Distortion (Max) Rise / Fall Time (Typ) Operating Temperature Yes Unidirectional Unidirectional Voltage - Supply 5000Vrms 6000Vrms 6000Vrms 60ns 60ns 60ns 60ns 60ns 60ns 60ns 7 - 5.5 V 60ns 60ns 7 - 40°C ~ 105°C	Technology	Magnetic Coupling
Number of Channels4Inputs - Side 1/Side 2 $1/3$ Channel TypeUnidirectionalVoltage - Isolation $5000Vrms$ Common Mode Transient Immunity (Min) $25kV/\mu s$ Data Rate $25Mbps$ Propagation Delay tpLH / tpHL (Max) $60ns$, $60ns$ Pulse Width Distortion (Max) $6ns$ Rise / Fall Time (Typ) $2.5ns$, $2.5ns$ Voltage - Supply $3 V \sim 5.5 V$ Operating Temperature $-40^{\circ}C \sim 105^{\circ}C$	Туре	General Purpose
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Voltage - Isolation 5000Vrms Common Mode Transient Immunity (Min) $25 \text{kV}/\mu\text{s}$ Data Rate 25Mbps Propagation Delay tpLH / tpHL (Max) 60ns , 60ns Pulse Width Distortion (Max) 6ns Rise / Fall Time (Typ) 2.5ns , 2.5ns Voltage - Supply $3 \text{ V} \sim 5.5 \text{ V}$ Operating Temperature $-40 ^{\circ}\text{C} \sim 105 ^{\circ}\text{C}$	Inputs - Side 1/Side 2	1/3
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Data Rate25MbpsPropagation Delay tpLH / tpHL (Max)60ns, 60nsPulse Width Distortion (Max)6nsRise / Fall Time (Typ)2.5ns, 2.5nsVoltage - Supply3 V ~ 5.5 VOperating Temperature-40°C ~ 105°C	Voltage - Isolation	5000Vrms
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Package / Case 16-SOIC (0.295", 7.50mm Width)	Operating Temperature	-40°C ~ 105°C
	Package / Case	16-SOIC (0.295", 7.50mm Width)
Supplier Device Package 16-SOIC	Supplier Device Package	16-SOIC
Report errors?		Report errors?

ADUM6403CRWZ 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.

ADUM6403CRWZ Payment Methods



















ADUM6403CRWZ Shipping Methods













If you have any question about ADUM6403CRWZ, please do not hesitate to contact us!

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