



ADUM4470CRIZ Information



For Reference Only

Part Number ADUM4470CRIZ
Manufacturer Analog Devices Inc.

Category Isolators

Digital Isolators

Description DGTL ISO 5KV 4CH GEN PURP 20SOIC

Package 20-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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ADUM4470CRIZ Specifications

Manufacturer Part Number ADUM4470CRIZ Manufacturer Analog Devices Inc. Category Isolators Package 20-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 4/0 Channel Type Unidirectional Voltage - Isolation 5000Vrms Common Mode Transient Immunity (Min) 25kV/µs Data Rate 25Mbps Propagation Delay tpLH / tpHL (Max) 60ns, 60ns Rise / Fall Time (Typ) 2.5ns, 2.5ns Voltage - Supply 3 V ~ 3.6 V, 4.5 V ~ 5.5 V Operating Temperature 40°C ~ 105°C Package / Case 20-SOIC (0.295", 7.50mm Width) Supplier Device Package 20-SOIC-RI		
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Common Mode Transient Immunity (Min) Data Rate 25Mbps Propagation Delay tpLH / tpHL (Max) 60ns, 60ns Pulse Width Distortion (Max) Rise / Fall Time (Typ) 2.5ns, 2.5ns Voltage - Supply 3 V ~ 3.6 V, 4.5 V ~ 5.5 V Operating Temperature -40°C ~ 105°C Package / Case 20-SOIC (0.295", 7.50mm Width) Supplier Device Package	Channel Type	Unidirectional
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 ~ 3.6 V, 4.5 V ~ 5.5 V Operating Temperature -40°C ~ 105°C Package / Case 20-SOIC (0.295", 7.50mm Width) Supplier Device Package 20-SOIC-RI	Voltage - Isolation	5000Vrms
Propagation Delay tpLH / tpHL (Max) 60ns, 60ns Pulse Width Distortion (Max) 6ns Rise / Fall Time (Typ) 2.5ns, 2.5ns Voltage - Supply 3 V ~ 3.6 V, 4.5 V ~ 5.5 V Operating Temperature -40°C ~ 105°C Package / Case 20-SOIC (0.295", 7.50mm Width) Supplier Device Package 20-SOIC-RI	Common Mode Transient Immunity (Min)	$25kV/\mu s$
Pulse Width Distortion (Max)6nsRise / Fall Time (Typ)2.5ns, 2.5nsVoltage - Supply3 V ~ 3.6 V, 4.5 V ~ 5.5 VOperating Temperature-40°C ~ 105°CPackage / Case20-SOIC (0.295", 7.50mm Width)Supplier Device Package20-SOIC-RI	Data Rate	25Mbps
Rise / Fall Time (Typ) $2.5 \text{ns}, 2.5 \text{ns}$ Voltage - Supply $3 \text{ V} \sim 3.6 \text{ V}, 4.5 \text{ V} \sim 5.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$ Package / Case 20-SOIC (0.295° , 7.50mm Width)Supplier Device Package 20-SOIC-RI	Propagation Delay tpLH / tpHL (Max)	60ns, 60ns
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Operating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$ Package / Case $20\text{-SOIC} (0.295^{\circ}, 7.50 \text{mm Width})$ Supplier Device Package 20-SOIC-RI	Rise / Fall Time (Typ)	2.5ns, 2.5ns
Package / Case 20-SOIC (0.295", 7.50mm Width) Supplier Device Package 20-SOIC-RI	Voltage - Supply	3 V ~ 3.6 V, 4.5 V ~ 5.5 V
Supplier Device Package 20-SOIC-RI	Operating Temperature	-40°C ~ 105°C
	Package / Case	20-SOIC (0.295", 7.50mm Width)
Report errors?	Supplier Device Package	20-SOIC-RI
		Report errors?

ADUM4470CRIZ 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.

ADUM4470CRIZ Payment Methods



















ADUM4470CRIZ Shipping Methods













If you have any question about ADUM4470CRIZ, please do not hesitate to contact us!

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