

ADUM6402CRIZ-RL

ADUM6402CRIZ-RL Information



For Reference Only

Part Number ADUM6402CRIZ-RL 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



Request a Quote

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









ADUM6402CRIZ-RL Specifications

Manufacturer Part Number ADUM6402CRIZ-RL 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 2/2 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 ~ 5.5 V Operating Temperature 40°C ~ 105°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC-IC		
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 2/2 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) Supplier Device Package 16-SOIC-IC	Manufacturer Part Number	ADUM6402CRIZ-RL
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 2/2 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) Supplier Device Package 16-SOIC-IC	Manufacturer	Analog Devices Inc.
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 2/2 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) Supplier Device Package 16-SOIC-IC	Category	Isolators
SeriesIsoPower?, iCoupler?TechnologyMagnetic CouplingTypeGeneral PurposeIsolated PowerYesNumber of Channels4Inputs - Side 1/Side 22/2Channel TypeUnidirectionalVoltage - Isolation5000VrmsCommon Mode Transient Immunity (Min)25kV/µsData 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°CPackage / Case16-SOIC (0.295", 7.50mm Width)Supplier Device Package16-SOIC-IC		Digital Isolators
TechnologyMagnetic CouplingTypeGeneral PurposeIsolated PowerYesNumber of Channels4Inputs - Side 1/Side 2 $2/2$ 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 $-40^{\circ}C \sim 105^{\circ}C$ Package / Case $16-SOIC$ (0.295° , $7.50mm$ Width)Supplier Device Package $16-SOIC-IC$	Package	16-SOIC (0.295", 7.50mm Width)
Type General Purpose Isolated Power Yes Number of Channels 4 Inputs - Side 1/Side 2 2/2 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) Supplier Device Package	Series	IsoPower?, iCoupler?
Isolated PowerYesNumber of Channels4Inputs - Side 1/Side 22/2Channel TypeUnidirectionalVoltage - Isolation5000VrmsCommon Mode Transient Immunity (Min)25kV/µsData 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°CPackage / Case16-SOIC (0.295", 7.50mm Width)Supplier Device Package16-SOIC-IC	Technology	Magnetic Coupling
Number of Channels4Inputs - Side 1/Side 22/2Channel TypeUnidirectionalVoltage - Isolation5000VrmsCommon Mode Transient Immunity (Min)25kV/μsData 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°CPackage / Case16-SOIC (0.295", 7.50mm Width)Supplier Device Package16-SOIC-IC	Туре	General Purpose
Inputs - Side 1/Side 22/2Channel TypeUnidirectionalVoltage - Isolation5000VrmsCommon Mode Transient Immunity (Min)25kV/μsData 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°CPackage / Case16-SOIC (0.295", 7.50mm Width)Supplier Device Package16-SOIC-IC	Isolated Power	Yes
Channel Type 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) Supplier Device Package	Number of Channels	4
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) Supplier Device Package 16-SOIC-IC	Inputs - Side 1/Side 2	2/2
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 ~ 5.5 V Operating Temperature -40°C ~ 105°C Package / Case 16-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 ~ 5.5 V Operating Temperature -40°C ~ 105°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC-IC	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 ~ 5.5 V Operating Temperature -40°C ~ 105°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC-IC	Common Mode Transient Immunity (Min)	25kV/μs
Pulse Width Distortion (Max) Rise / Fall Time (Typ) 2.5ns, 2.5ns Voltage - Supply 3 V ~ 5.5 V Operating Temperature Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package	Data Rate	25Mbps
Rise / Fall Time (Typ) $2.5 \text{ns}, 2.5 \text{ns}$ Voltage - Supply $3 \text{ V} \sim 5.5 \text{ V}$ 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-IC	Propagation Delay tpLH / tpHL (Max)	60ns, 60ns
Voltage - Supply $3 \text{ V} \sim 5.5 \text{ V}$ 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-IC	Pulse Width Distortion (Max)	6ns
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-IC	Rise / Fall Time (Typ)	2.5ns, 2.5ns
Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC-IC	Voltage - Supply	3 V ~ 5.5 V
Supplier Device Package 16-SOIC-IC	Operating Temperature	-40°C ~ 105°C
	Package / Case	16-SOIC (0.295", 7.50mm Width)
Report errors?	Supplier Device Package	16-SOIC-IC
		Report errors?

ADUM6402CRIZ-RL 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.

ADUM6402CRIZ-RL Payment Methods



















ADUM6402CRIZ-RL Shipping Methods













If you have any question about ADUM6402CRIZ-RL, please do not hesitate to contact us!

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