



## **ADUM6201CRIZ Information**



For Reference Only

Part Number ADUM6201CRIZ
Manufacturer Analog Devices Inc.

**Category** Isolators

**Digital Isolators** 

**Description** DGTL ISO 5KV 2CH 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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# **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.









## **ADUM6201CRIZ Specifications**

Manufacturer Part Number         ADUM6201CRIZ           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         2           Inputs - Side 1/Side 2         1/1           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		
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Inputs - Side 1/Side 2  Channel Type  Unidirectional  Voltage - Isolation  Somovrms  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 ~ 105°C  Package / Case  Supplier Device Package  16-SOIC (0.295", 7.50mm Width)  Supplier Device Package	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) 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	2
Voltage - 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 ~ 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	1/1
Common Mode Transient Immunity (Min)  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	Channel Type	Unidirectional
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Voltage - Supply $3\ V \sim 5.5\ V$ Operating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$ Package / Case $16\text{-SOIC (0.295'', 7.50mm Width)}$ Supplier Device Package $16\text{-SOIC-IC}$	Pulse Width Distortion (Max)	6ns
Operating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$ Package / Case $16\text{-SOIC}$ (0.295", 7.50mm Width) Supplier Device Package $16\text{-SOIC-IC}$	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?

#### **ADUM6201CRIZ 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.

## **ADUM6201CRIZ Payment Methods**



















## **ADUM6201CRIZ Shipping Methods**













If you have any question about ADUM6201CRIZ, please do not hesitate to contact us!

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