



### **ADUM6201ARWZ Information**



For Reference Only

Part Number ADUM6201ARWZ
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.









## **ADUM6201ARWZ Specifications**

Manufacturer Part Number         ADUM6201ARWZ           Manufacturer         Analog Devices Inc.           Category         Isolators           Digital Isolators         Digital 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         1Mbps           Propagation Delay tpLH / tpHL (Max)         100ns, 100ns           Pulse Width Distortion (Max)         40ns           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		
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Isolated Power  Number of Channels  Inputs - Side 1/Side 2  Inputs - Side 1/Side 2  Unidirectional  Voltage - Isolation  Common Mode Transient Immunity (Min)  Data Rate  IMbps  Propagation Delay tpLH / tpHL (Max)  Pulse Width Distortion (Max)  Rise / Fall Time (Typ)  Voltage - Supply  Operating Temperature  -40°C ~ 105°C  Package / Case  16-SOIC  Yes  Unidirectional  Volidirectional  1/1  Unidirectional  1/1  1/1  1/1  1/1  1/1  1/1  1/1  1	Technology	Magnetic Coupling
Number of Channels2Inputs - Side 1/Side 21/1Channel TypeUnidirectionalVoltage - Isolation5000VrmsCommon Mode Transient Immunity (Min)25kV/μsData Rate1MbpsPropagation Delay tpLH / tpHL (Max)100ns, 100nsPulse Width Distortion (Max)40nsRise / 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	Туре	General Purpose
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Voltage - Isolation 5000Vrms  Common Mode Transient Immunity (Min) 25kV/µs  Data Rate 1Mbps  Propagation Delay tpLH / tpHL (Max) 100ns, 100ns  Pulse Width Distortion (Max) 40ns  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	Inputs - Side 1/Side 2	1/1
Common Mode Transient Immunity (Min)  Data Rate  1Mbps  Propagation Delay tpLH / tpHL (Max)  Pulse Width Distortion (Max)  Rise / Fall Time (Typ)  2.5ns, 2.5ns  Voltage - Supply  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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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	Data Rate	1Mbps
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 $16\text{-SOIC}$ (0.295", 7.50mm Width)Supplier Device Package $16\text{-SOIC}$	Propagation Delay tpLH / tpHL (Max)	100ns, 100ns
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	Supplier Device Package	16-SOIC
Report errors?		Report errors?

#### **ADUM6201ARWZ 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.

### **ADUM6201ARWZ Payment Methods**



















# **ADUM6201ARWZ Shipping Methods**













If you have any question about ADUM6201ARWZ, please do not hesitate to contact us!

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