



ADUM6200ARWZ Information



For Reference Only

Part Number ADUM6200ARWZ
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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ADUM6200ARWZ Specifications

Manufacturer Part NumberADUM6200ARWZManufacturerAnalog Devices Inc.CategoryIsolatorsPackage16-SOIC (0.295", 7.50mm Width)SeriesIsoPower?, iCoupler?TechnologyMagnetic CouplingTypeGeneral PurposeIsolated PowerYesNumber of Channels2Inputs - Side 1/Side 22/0Channel 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°C		
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Type General Purpose Isolated Power Yes Number of Channels 2 Inputs - Side 1/Side 2 2/0 Channel Type Unidirectional Voltage - Isolation 5000Vrms Common Mode Transient Immunity (Min) 25kV/ μ s 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	Series	IsoPower?, iCoupler?
Isolated Power Number of Channels 2 Inputs - Side 1/Side 2 Channel Type Unidirectional Voltage - Isolation 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 Yes Yes Yes Yes Yes Yes Yes Y	Technology	Magnetic Coupling
Number of Channels2Inputs - Side 1/Side 2 $2/0$ Channel TypeUnidirectionalVoltage - Isolation 5000Vrms Common Mode Transient Immunity (Min) $25 \text{kV}/\mu\text{s}$ Data Rate 1Mbps Propagation Delay tpLH / tpHL (Max) $100 \text{ns}, 100 \text{ns}$ Pulse Width Distortion (Max) 40ns Rise / Fall Time (Typ) $2.5 \text{ns}, 2.5 \text{ns}$ Voltage - Supply $3 \text{ V} \sim 5.5 \text{ V}$ Operating Temperature $-40 ^{\circ}\text{C} \sim 105 ^{\circ}\text{C}$	Туре	General Purpose
Inputs - Side 1/Side 22/0Channel 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°C	Isolated Power	Yes
Channel Type Unidirectional Voltage - Isolation 5000Vrms Common Mode Transient Immunity (Min) 25kV/ μ s 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	Number of Channels	2
Voltage - Isolation 5000Vrms Common Mode Transient Immunity (Min) 25kV/ μ s 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	Inputs - Side 1/Side 2	2/0
Common Mode Transient Immunity (Min) 25kV/ μ s 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	Channel Type	Unidirectional
Data 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°C	Voltage - Isolation	5000Vrms
Propagation Delay tpLH / tpHL (Max) Pulse Width Distortion (Max) Rise / Fall Time (Typ) Voltage - Supply Operating Temperature 100ns, 100ns 40ns 2.5ns, 2.5ns 3 V ~ 5.5 V -40°C ~ 105°C	Common Mode Transient Immunity (Min)	$25kV/\mu s$
Pulse Width Distortion (Max) 40ns Rise / Fall Time (Typ) $2.5 \text{ns}, 2.5 \text{ns}$ Voltage - Supply $3 \text{ V} \sim 5.5 \text{ V}$ Operating Temperature $-40 ^{\circ}\text{C} \sim 105 ^{\circ}\text{C}$	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 $-40 ^{\circ}\text{C} \sim 105 ^{\circ}\text{C}$	Propagation Delay tpLH / tpHL (Max)	100ns, 100ns
Voltage - Supply $3 \text{ V} \sim 5.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$	Pulse Width Distortion (Max)	40ns
Operating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$	Rise / Fall Time (Typ)	2.5ns, 2.5ns
	Voltage - Supply	3 V ~ 5.5 V
7 1 (G	Operating Temperature	-40°C ~ 105°C
Package / Case 16-SOIC (0.295", 7.50mm Width)	Package / Case	16-SOIC (0.295", 7.50mm Width)
Supplier Device Package 16-SOIC	Supplier Device Package	16-SOIC
Report errors?		Report errors?

ADUM6200ARWZ 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.

ADUM6200ARWZ Payment Methods





















ADUM6200ARWZ Shipping Methods













If you have any question about ADUM6200ARWZ, please do not hesitate to contact us!

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