

ADUM5201WCRWZ

ADUM5201WCRWZ Information



For Reference Only

Part Number ADUM5201WCRWZ **Manufacturer** Analog Devices Inc.

Category Isolators

Digital Isolators

Description DGTL ISO 2.5KV 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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ADUM5201WCRWZ Specifications

Manufacturer Part Number ADUM5201WCRWZ 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 2500Vrms 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 3.3V, 5V Operating Temperature -40°C ~ 105°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC		
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SeriesIsoPower?, iCoupler?TechnologyMagnetic CouplingTypeGeneral PurposeIsolated PowerYesNumber of Channels2Inputs - Side 1/Side 21/1Channel TypeUnidirectionalVoltage - Isolation2500VrmsCommon Mode Transient Immunity (Min)25kV/µsData Rate25MbpsPropagation Delay tpLH / tpHL (Max)60ns, 60nsPulse Width Distortion (Max)6nsRise / Fall Time (Typ)2.5ns, 2.5nsVoltage - Supply3.3V, 5VOperating Temperature-40°C ~ 105°CPackage / Case16-SOIC (0.295", 7.50mm Width)Supplier Device Package16-SOIC		Digital Isolators
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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 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 Unidirectional Volidirectional Syby Unidirectional Onidirectional Onidirectional Sybyus Onidirectional Sybyus Unidirectional Onidirectional Sybyus Ons, 60ns 60ns, 60ns 3.3K, 5V -40°C ~ 105°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package	Technology	Magnetic Coupling
Number of Channels2Inputs - Side 1/Side 21/1Channel TypeUnidirectionalVoltage - Isolation2500VrmsCommon Mode Transient Immunity (Min)25kV/μsData Rate25MbpsPropagation Delay tpLH / tpHL (Max)60ns, 60nsPulse Width Distortion (Max)6nsRise / Fall Time (Typ)2.5ns, 2.5nsVoltage - Supply3.3V, 5VOperating Temperature-40°C ~ 105°CPackage / Case16-SOIC (0.295", 7.50mm Width)Supplier Device Package16-SOIC	Туре	General Purpose
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Channel Type Voltage - Isolation 2500Vrms 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 3.3V, 5V Operating Temperature -40°C ~ 105°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package	Number of Channels	2
Voltage - Isolation Common Mode Transient Immunity (Min) Data Rate 25Mbps Propagation Delay tpLH / tpHL (Max) Pulse Width Distortion (Max) Rise / Fall Time (Typ) 2.5ns, 2.5ns Voltage - Supply Operating Temperature Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package	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) Rise / Fall Time (Typ) 2.5ns, 2.5ns Voltage - Supply 3.3V, 5V 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 3.3V, 5V Operating Temperature -40°C ~ 105°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC	Voltage - Isolation	2500Vrms
Propagation Delay tpLH / tpHL (Max) 60ns, 60ns Pulse Width Distortion (Max) 6ns Rise / Fall Time (Typ) 2.5ns, 2.5ns Voltage - Supply 3.3V, 5V Operating Temperature -40°C ~ 105°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC	Common Mode Transient Immunity (Min)	$25kV/\mu s$
Pulse Width Distortion (Max)6nsRise / Fall Time (Typ)2.5ns, 2.5nsVoltage - Supply3.3V, 5VOperating Temperature-40°C ~ 105°CPackage / Case16-SOIC (0.295", 7.50mm Width)Supplier Device Package16-SOIC	Data Rate	25Mbps
Rise / Fall Time (Typ) $2.5 \text{ns}, 2.5 \text{ns}$ Voltage - Supply $3.3 \text{V}, 5 \text{V}$ 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	Propagation Delay tpLH / tpHL (Max)	60ns, 60ns
Voltage - Supply $3.3V, 5V$ 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	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	Rise / Fall Time (Typ)	2.5ns, 2.5ns
Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC	Voltage - Supply	3.3V, 5V
Supplier Device Package 16-SOIC	Operating Temperature	-40°C ~ 105°C
	Package / Case	16-SOIC (0.295", 7.50mm Width)
Report errors?	Supplier Device Package	16-SOIC
		Report errors?

ADUM5201WCRWZ 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.

ADUM5201WCRWZ Payment Methods



















ADUM5201WCRWZ Shipping Methods













If you have any question about ADUM5201WCRWZ, please do not hesitate to contact us!

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