

ADUM6404ARWZ-RL

ADUM6404ARWZ-RL Information



For Reference Only

Part Number ADUM6404ARWZ-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



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ADUM6404ARWZ-RL Specifications

Manufacturer Part NumberADUM6404ARWZ-RLManufacturerAnalog Devices Inc.CategoryIsolatorsPackage16-SOIC (0.295", 7.50mm Width)SeriesIsoPower?, iCoupler?TechnologyMagnetic CouplingTypeGeneral PurposeIsolated PowerYesNumber of Channels4Inputs - Side 1/Side 20/4Channel TypeUnidirectionalVoltage - Isolation5000VrmsCommon Mode Transient Immunity (Min)25kV/μsData RateIMbpsPropagation 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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Isolated Power Number of Channels 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) Operating Temperature Yes Unidirectional Unidirectional Voltage - Supply 1000Vrms 1000Vrms 1000vrms 25kV/µs 100ns, 100ns 40ns 3 V ~ 5.5 V -40°C ~ 105°C	Technology	Magnetic Coupling
Number of Channels4Inputs - Side 1/Side 2 $0/4$ 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 2 $0/4$ Channel Type Unidirectional Voltage - Isolation 5000Vrms Common Mode Transient Immunity (Min) $25 \text{kV}/\mu\text{s}$ Data Rate 1Mbps Propagation Delay tpLH / tpHL (Max) 100ns , 100ns 40ns Pulse Width Distortion (Max) 40ns 2.5ns , 2.5ns Voltage - Supply $3 \text{ V} \sim 5.5 \text{ V}$ Operating Temperature $-40 ^{\circ}\text{C} \sim 105 ^{\circ}\text{C}$	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	4
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	0/4
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
	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?

ADUM6404ARWZ-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.

ADUM6404ARWZ-RL Payment Methods





















ADUM6404ARWZ-RL Shipping Methods













If you have any question about ADUM6404ARWZ-RL, please do not hesitate to contact us!

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