



ADUM1286WCRZ Information



For Reference Only

Part Number ADUM1286WCRZ
Manufacturer Analog Devices Inc.

Category Isolators

Digital Isolators

Description DGTL ISO 3KV 2CH GEN PURP 8SOIC

Package 8-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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



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ADUM1286WCRZ Specifications

Manufacturer Part Number ADUM1286WCRZ Manufacturer Analog Devices Inc. Category Isolators Package 8-SOIC (0.154", 3.90mm Width) Series iCoupler? Technology Magnetic Coupling Type General Purpose Isolated Power No Number of Channels 2 Inputs - Side 1/Side 2 1/1 Channel Type Unidirectional Voltage - Isolation 3000Vrms Common Mode Transient Immunity (Min) 25kV/µs Data Rate 100Mbps Propagation Delay tpLH / tpHL (Max) 24ns, 24ns Pulse Width Distortion (Max) 2ns Rise / Fall Time (Typ) 2.5ns, 2.5ns Voltage - Supply 3 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC		
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Technology Type General Purpose Isolated Power Number of Channels Inputs - Side 1/Side 2 Inputs - Side 1/Side 2 Inputs - Isolation Voltage - Isolation Common Mode Transient Immunity (Min) Data Rate Propagation Delay tpLH / tpHL (Max) Propagation Delay tpLH / tpHL (Max) Pulse Width Distortion (Max) Rise / Fall Time (Typ) Voltage - Supply Operating Temperature Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Package	8-SOIC (0.154", 3.90mm Width)
Type General Purpose Isolated Power No Number of Channels 2 Inputs - Side 1/Side 2 1/1 Channel Type Unidirectional Voltage - Isolation 3000 Vrms Common Mode Transient Immunity (Min) 25kV/µs Data Rate 100Mbps Propagation Delay tpLH / tpHL (Max) 24ns, 24ns Pulse Width Distortion (Max) 2.5ns, 2.5ns Rise / Fall Time (Typ) 2.5ns, 2.5ns Voltage - Supply 3 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Series	iCoupler?
Isolated PowerNoNumber of Channels2Inputs - Side 1/Side 21/1Channel TypeUnidirectionalVoltage - Isolation3000VrmsCommon Mode Transient Immunity (Min)25kV/µsData Rate100MbpsPropagation Delay tpLH / tpHL (Max)24ns, 24nsPulse Width Distortion (Max)2nsRise / Fall Time (Typ)2.5ns, 2.5nsVoltage - Supply3 V ~ 5.5 VOperating Temperature-40°C ~ 125°CPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Technology	Magnetic Coupling
Number of Channels2Inputs - Side 1/Side 21/1Channel TypeUnidirectionalVoltage - Isolation3000VrmsCommon Mode Transient Immunity (Min)25kV/μsData Rate100MbpsPropagation Delay tpLH / tpHL (Max)24ns, 24nsPulse Width Distortion (Max)2nsRise / Fall Time (Typ)2.5ns, 2.5nsVoltage - Supply3 V ~ 5.5 VOperating Temperature-40°C ~ 125°CPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Туре	General Purpose
Inputs - Side 1/Side 2 Channel Type Unidirectional Voltage - Isolation 3000Vrms Common Mode Transient Immunity (Min) Data Rate 100Mbps Propagation Delay tpLH / tpHL (Max) Pulse Width Distortion (Max) Rise / Fall Time (Typ) 2.5ns, 2.5ns Voltage - Supply 3 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Isolated Power	No
Channel TypeUnidirectionalVoltage - Isolation3000VrmsCommon Mode Transient Immunity (Min)25kV/μsData Rate100MbpsPropagation Delay tpLH / tpHL (Max)24ns, 24nsPulse Width Distortion (Max)2nsRise / Fall Time (Typ)2.5ns, 2.5nsVoltage - Supply3 V ~ 5.5 VOperating Temperature-40°C ~ 125°CPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Number of Channels	2
Voltage - Isolation 3000Vrms Common Mode Transient Immunity (Min) 25kV/µs Data Rate 100Mbps Propagation Delay tpLH / tpHL (Max) Pulse Width Distortion (Max) Rise / Fall Time (Typ) 2.5ns, 2.5ns Voltage - Supply 3 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Inputs - Side 1/Side 2	1/1
Common Mode Transient Immunity (Min) Data Rate 100Mbps Propagation Delay tpLH / tpHL (Max) Pulse Width Distortion (Max) Rise / Fall Time (Typ) 2.5ns, 2.5ns Voltage - Supply 3 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Channel Type	Unidirectional
Data Rate 100Mbps Propagation Delay tpLH / tpHL (Max) 24ns, 24ns Pulse Width Distortion (Max) 2ns Rise / Fall Time (Typ) 2.5ns, 2.5ns Voltage - Supply 3 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Voltage - Isolation	3000Vrms
Propagation Delay tpLH / tpHL (Max) Pulse Width Distortion (Max) Rise / Fall Time (Typ) 2.5ns, 2.5ns Voltage - Supply 3 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Common Mode Transient Immunity (Min)	$25kV/\mu s$
Pulse Width Distortion (Max) Rise / Fall Time (Typ) 2.5ns, 2.5ns Voltage - Supply 3 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Data Rate	100Mbps
Rise / Fall Time (Typ) 2.5ns, 2.5ns Voltage - Supply 3 $V \sim 5.5 V$ Operating Temperature -40°C ~ 125°C Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Propagation Delay tpLH / tpHL (Max)	24ns, 24ns
Voltage - Supply $3\ V \sim 5.5\ V$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Package / Case $8\text{-SOIC }(0.154^{\circ}\text{, }3.90\text{mm Width})$ Supplier Device Package 8-SOIC	Pulse Width Distortion (Max)	2ns
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Package / Case $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Supplier Device Package $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ 8-SOIC $(0.154^{\circ}, 3.90 \text{mm Width})$	Rise / Fall Time (Typ)	2.5ns, 2.5ns
Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Voltage - Supply	3 V ~ 5.5 V
Supplier Device Package 8-SOIC	Operating Temperature	-40°C ~ 125°C
	Package / Case	8-SOIC (0.154", 3.90mm Width)
Report errors?	Supplier Device Package	8-SOIC
		Report errors?

ADUM1286WCRZ 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.

ADUM1286WCRZ Payment Methods



















ADUM1286WCRZ Shipping Methods













If you have any question about ADUM1286WCRZ, please do not hesitate to contact us!

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