

ADUM6210CRSZ-RL7

ADUM6210CRSZ-RL7 Information



For Reference Only

Part Number ADUM6210CRSZ-RL7
Manufacturer Analog Devices Inc.

Category Isolators

Digital Isolators

Description DGTL ISO 3.75KV GEN PURP 20SSOP

Package 20-SSOP (0.209", 5.30mm 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.









ADUM6210CRSZ-RL7 Specifications

Manufacturer Part Number ADUM6210CRSZ-RL7 Manufacturer Analog Devices Inc. Category Isolators Package 20-SSOP (0.209", 5.30mm Width) Series IsoPower?, iCoupler? Technology Magnetic Coupling Type General Purpose Isolated Power Yes Number of Channels 2 1 Inputs - Side 1/Side 2 20 Channel Type Unidirectional Voltage - Isolation 3750Vrms 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 2.7 V ~ 5.5 V Operating Temperature 40°C ~ 105°C Package / Case 20-SSOP (0.209", 5.30mm Width) Supplier Device Package 20-SSOP		
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Technology Magnetic Coupling Type General Purpose Isolated Power Yes Number of Channels 2 Inputs - Side 1/Side 2 2/0 Channel Type Unidirectional Voltage - Isolation 3750Vrms 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 2.7 V ~ 5.5 V Operating Temperature -40°C ~ 105°C Package / Case 20-SSOP (0.209", 5.30mm Width) Supplier Device Package 20-SSOP	Package	20-SSOP (0.209", 5.30mm Width)
TypeGeneral PurposeIsolated PowerYesNumber of Channels2Inputs - Side 1/Side 22/0Channel TypeUnidirectionalVoltage - Isolation3750VrmsCommon Mode Transient Immunity (Min)25kV/μsData Rate100MbpsPropagation Delay tpLH / tpHL (Max)24ns, 24nsPulse Width Distortion (Max)2nsRise / Fall Time (Typ)2.5ns, 2.5nsVoltage - Supply2.7 V ~ 5.5 VOperating Temperature-40°C ~ 105°CPackage / Case20-SSOP (0.209", 5.30mm Width)Supplier Device Package20-SSOP	Series	IsoPower?, iCoupler?
Isolated PowerYesNumber of Channels2Inputs - Side 1/Side 22/0Channel TypeUnidirectionalVoltage - Isolation3750VrmsCommon Mode Transient Immunity (Min)25kV/µsData Rate100MbpsPropagation Delay tpLH / tpHL (Max)24ns, 24nsPulse Width Distortion (Max)2nsRise / Fall Time (Typ)2.5ns, 2.5nsVoltage - Supply2.7 V ~ 5.5 VOperating Temperature-40°C ~ 105°CPackage / Case20-SSOP (0.209", 5.30mm Width)Supplier Device Package20-SSOP	Technology	Magnetic Coupling
Number of Channels2Inputs - Side 1/Side 22/0Channel TypeUnidirectionalVoltage - Isolation3750VrmsCommon Mode Transient Immunity (Min)25kV/μsData Rate100MbpsPropagation Delay tpLH / tpHL (Max)24ns, 24nsPulse Width Distortion (Max)2nsRise / Fall Time (Typ)2.5ns, 2.5nsVoltage - Supply2.7 V ~ 5.5 VOperating Temperature-40°C ~ 105°CPackage / Case20-SSOP (0.209", 5.30mm Width)Supplier Device Package20-SSOP	Туре	General Purpose
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Channel Type Voltage - Isolation 3750Vrms 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 2.7 V ~ 5.5 V Operating Temperature -40°C ~ 105°C Package / Case Supplier Device Package Unidirectional Unidirectional 2750Vrms 25kV/µs 100Mbps 24ns, 24ns 24ns, 24ns 25ns 25ns	Number of Channels	2
Voltage - Isolation 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 Operating Temperature Package / Case 20-SSOP (0.209", 5.30mm Width) Supplier Device Package	Inputs - Side 1/Side 2	2/0
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 2.7 V ~ 5.5 V Operating Temperature -40°C ~ 105°C Package / Case 20-SSOP (0.209", 5.30mm Width) Supplier Device Package	Channel Type	Unidirectional
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Propagation Delay tpLH / tpHL (Max) Pulse Width Distortion (Max) Rise / Fall Time (Typ) 2.5ns, 2.5ns Voltage - Supply 2.7 V ~ 5.5 V Operating Temperature -40°C ~ 105°C Package / Case 20-SSOP (0.209", 5.30mm Width) Supplier Device Package	Common Mode Transient Immunity (Min)	$25kV/\mu s$
Pulse Width Distortion (Max)2nsRise / Fall Time (Typ)2.5ns, 2.5nsVoltage - Supply2.7 V ~ 5.5 VOperating Temperature-40°C ~ 105°CPackage / Case20-SSOP (0.209", 5.30mm Width)Supplier Device Package20-SSOP	Data Rate	100Mbps
Rise / Fall Time (Typ) $2.5 \text{ns}, 2.5 \text{ns}$ Voltage - Supply $2.7 \text{ V} \sim 5.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$ Package / Case 20-SSOP (0.209° , 5.30mm Width)Supplier Device Package 20-SSOP	Propagation Delay tpLH / tpHL (Max)	24ns, 24ns
Voltage - Supply $ 2.7 \text{ V} \sim 5.5 \text{ V} $ Operating Temperature $ -40^{\circ}\text{C} \sim 105^{\circ}\text{C} $ Package / Case $ 20\text{-SSOP } (0.209'', 5.30 \text{mm Width}) $ Supplier Device Package $ 20\text{-SSOP} $	Pulse Width Distortion (Max)	2ns
Operating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$ Package / Case $20\text{-SSOP} (0.209^{\circ}, 5.30 \text{mm Width})$ Supplier Device Package 20-SSOP	Rise / Fall Time (Typ)	2.5ns, 2.5ns
Package / Case 20-SSOP (0.209", 5.30mm Width) Supplier Device Package 20-SSOP	Voltage - Supply	2.7 V ~ 5.5 V
Supplier Device Package 20-SSOP	Operating Temperature	-40°C ~ 105°C
	Package / Case	20-SSOP (0.209", 5.30mm Width)
Report errors?	Supplier Device Package	20-SSOP
		Report errors?

ADUM6210CRSZ-RL7 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.

ADUM6210CRSZ-RL7 Payment Methods



















ADUM6210CRSZ-RL7 Shipping Methods













If you have any question about ADUM6210CRSZ-RL7, please do not hesitate to contact us!

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