

ADUM6211BRSZ-RL7

ADUM6211BRSZ-RL7 Information



For Reference Only

Part Number ADUM6211BRSZ-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.









ADUM6211BRSZ-RL7 Specifications

| Manufacturer Part Number ADUM6211BRSZ-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 Inputs - Side 1/Side 2 1/1 Channel Type Unidirectional Voltage - Isolation 3750Vrms Common Mode Transient Immunity (Min) 25kV/µs Data Rate 25Mbps Propagation Delay tpLH / tpHL (Max) 35ns, 35ns Pulse Width Distortion (Max) 3ns 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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| 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 Inputs - Side 1/Side 2 1/1 Channel Type Unidirectional Voltage - Isolation 3750Vrms Common Mode Transient Immunity (Min) 25kV/µs Data Rate 25Mbps Propagation Delay tpLH / tpHL (Max) 35ns, 35ns Pulse Width Distortion (Max) 3ns 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 | Manufacturer Part Number | ADUM6211BRSZ-RL7 |
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| 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 3750Vrms Common Mode Transient Immunity (Min) 25kV/μs Data Rate 25Mbps Propagation Delay tpLH / tpHL (Max) 35ns, 35ns Pulse Width Distortion (Max) 3ns 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) |
| Type General Purpose Isolated Power Yes Number of Channels 2 Inputs - Side 1/Side 2 1/1 Channel Type Unidirectional Voltage - Isolation 3750Vrms Common Mode Transient Immunity (Min) 25kV/µs Data Rate 25Mbps Propagation Delay tpLH / tpHL (Max) 35ns, 35ns Pulse Width Distortion (Max) 3ns Rise / Fall Time (Typ) 2.5ns, 2.5ns Voltage - Supply 2.7 ∨ ~ 5.5 ∨ Operating Temperature -40°C ~ 105°C Package / Case 20-SSOP (0.209", 5.30mm Width) Supplier Device Package | Series | IsoPower?, iCoupler? |
| Isolated PowerYesNumber of Channels2Inputs - Side 1/Side 21/1Channel TypeUnidirectionalVoltage - Isolation3750VrmsCommon Mode Transient Immunity (Min)25kV/µsData Rate25MbpsPropagation Delay tpLH / tpHL (Max)35ns, 35nsPulse Width Distortion (Max)3nsRise / 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 21/1Channel TypeUnidirectionalVoltage - Isolation3750VrmsCommon Mode Transient Immunity (Min)25kV/μsData Rate25MbpsPropagation Delay tpLH / tpHL (Max)35ns, 35nsPulse Width Distortion (Max)3nsRise / 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 |
| Inputs - Side 1/Side 21/1Channel TypeUnidirectionalVoltage - Isolation3750VrmsCommon Mode Transient Immunity (Min)25kV/μsData Rate25MbpsPropagation Delay tpLH / tpHL (Max)35ns, 35nsPulse Width Distortion (Max)3nsRise / 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 | Isolated Power | Yes |
| Channel Type Voltage - Isolation 3750Vrms Common Mode Transient Immunity (Min) 25kV/µs Data Rate 25Mbps Propagation Delay tpLH / tpHL (Max) 35ns, 35ns 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 | 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 20-SSOP 3750Vrms 3750Vrms 3750Vrms 3750Vrms 3750Vrms 25kV/µs 25mbps 25mbps 25ns, 25ns 2-5ns 20-SSOP 20-SSOP | Inputs - Side 1/Side 2 | 1/1 |
| Common Mode Transient Immunity (Min) Data Rate 25Mbps Propagation Delay tpLH / tpHL (Max) 35ns, 35ns 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 |
| Data Rate 25Mbps Propagation Delay tpLH / tpHL (Max) 35ns, 35ns Pulse Width Distortion (Max) 3ns 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 | Voltage - Isolation | 3750Vrms |
| Propagation Delay tpLH / tpHL (Max) Solve 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/μs |
| Pulse Width Distortion (Max)3nsRise / 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 | 25Mbps |
| 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) | 35ns, 35ns |
| 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) | 3ns |
| 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? |

ADUM6211BRSZ-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.

ADUM6211BRSZ-RL7 Payment Methods





















ADUM6211BRSZ-RL7 Shipping Methods













If you have any question about ADUM6211BRSZ-RL7, please do not hesitate to contact us!

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