

ADUM3442CRWZ-RL

ADUM3442CRWZ-RL Information



For Reference Only

Part Number ADUM3442CRWZ-RL 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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Certified Quality

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ADUM3442CRWZ-RL Specifications

Manufacturer Part NumberADUM3442CRWZ-RLManufacturerAnalog Devices Inc.CategoryIsolatorsPackage16-SOIC (0.295", 7.50mm Width)SeriesiCoupler?TechnologyMagnetic CouplingTypeGeneral PurposeIsolated PowerNoNumber of Channels4Inputs - Side 1/Side 22/2Channel TypeUnidirectionalVoltage - Isolation2500VrmsCommon Mode Transient Immunity (Min)25kV/μsData Rate150MbpsPropagation Delay tpLH / tpHL (Max)32ns, 32nsPulse Width Distortion (Max)2ns
Category Isolators Digital Isolators Package 16-SOIC (0.295", 7.50mm Width) Series Technology Magnetic Coupling Type General Purpose Isolated Power No Number of Channels Inputs - Side 1/Side 2 Channel Type Unidirectional Voltage - Isolation Common Mode Transient Immunity (Min) Data Rate Propagation Delay tpLH / tpHL (Max) Isolators Isolators Digital Isolators Digital Isolators Incurson Unidirectional Voluptional 2/2 2/2 2/2 2/3 2/4 2/5 2/5 2/6 2/7 2/8 2/8 2/8 2/9 2/9 2/9 2/9 2/9
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Data Rate 150Mbps Propagation Delay tpLH / tpHL (Max) 32ns, 32ns
Propagation Delay tpLH / tpHL (Max) 32ns, 32ns
Pulse Width Distortion (Max) 2ns
Rise / Fall Time (Typ) 2.5ns, 2.5ns
Voltage - Supply $3 \text{ V} \sim 5.5 \text{ V}$
Operating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$
Package / Case 16-SOIC (0.295", 7.50mm Width)
Supplier Device Package 16-SOIC
Report errors

ADUM3442CRWZ-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.

ADUM3442CRWZ-RL Payment Methods





















ADUM3442CRWZ-RL Shipping Methods













If you have any question about ADUM3442CRWZ-RL, please do not hesitate to contact us!

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