



ADUM7642CRQZ Information



For Reference Only

Part Number ADUM7642CRQZ
Manufacturer Analog Devices Inc.

Category Isolators

Digital Isolators

Description DGTL ISO 1KV 6CH GEN PURP 20QSOP

Package 20-SSOP (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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ADUM7642CRQZ Specifications

Manufacturer Part Number ADUM7642CRQZ Manufacturer Analog Devices Inc. Category Isolators Package 20-SSOP (0.154", 3.90mm Width) Series iCoupler? Technology Magnetic Coupling Type General Purpose Isolated Power No Number of Channels 6 Inputs - Side 1/Side 2 4/2 Channel Type Unidirectional Voltage - Isolation 1000Vrms Common Mode Transient Immunity (Min) 15kV/µs Data Rate 25Mbps Propagation Delay tpLH / tpHL (Max) 6ns Rise / Fall Time (Typ) 2ns, 2ns Voltage - Supply 3 V ~ 5.5 V Operating Temperature -40°C ~ 105°C Package / Case 20-SSOP (0.154", 3.90mm Width) Supplier Device Package 20-QSOP		
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Propagation Delay tpLH / tpHL (Max) Sons, 5ons Pulse Width Distortion (Max) Rise / Fall Time (Typ) 2ns, 2ns Voltage - Supply 3 V ~ 5.5 V Operating Temperature -40°C ~ 105°C Package / Case 20-SSOP (0.154", 3.90mm Width) Supplier Device Package	Common Mode Transient Immunity (Min)	15kV/μs
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Operating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$ Package / Case $20\text{-SSOP} (0.154^{\circ}, 3.90 \text{mm Width})$ Supplier Device Package 20-QSOP	Rise / Fall Time (Typ)	2ns, 2ns
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Supplier Device Package 20-QSOP	Operating Temperature	-40°C ~ 105°C
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Report errors?	Supplier Device Package	20-QSOP
		Report errors?

ADUM7642CRQZ 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.

ADUM7642CRQZ Payment Methods

































If you have any question about ADUM7642CRQZ, please do not hesitate to contact us!

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