

ADUM7442CRQZ-RL7 Information


For Reference Only

Part Number [ADUM7442CRQZ-RL7](#)
Manufacturer Analog Devices Inc.
Category Isolators
[Digital Isolators](#)
Description DGTL ISO 1KV 4CH GEN PURP 16QSOP
Package 16-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


[Request a Quote](#)
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.


ADUM7442CRQZ-RL7 Specifications

Manufacturer Part Number	ADUM7442CRQZ-RL7
Manufacturer	Analog Devices Inc.
Category	Isolators Digital Isolators
Package	16-SSOP (0.154", 3.90mm Width)
Series	iCoupler?
Technology	Magnetic Coupling
Type	General Purpose
Isolated Power	No
Number of Channels	4
Inputs - Side 1/Side 2	2/2
Channel Type	Unidirectional
Voltage - Isolation	1000Vrms
Common Mode Transient Immunity (Min)	15kV/μs
Data Rate	25Mbps
Propagation Delay tpLH / tpHL (Max)	50ns, 50ns
Pulse Width Distortion (Max)	5ns
Rise / Fall Time (Typ)	2ns, 2ns
Voltage - Supply	3 V ~ 5.5 V
Operating Temperature	-40°C ~ 105°C
Package / Case	16-SSOP (0.154", 3.90mm Width)
Supplier Device Package	16-QSOP

[Report errors?](#)

ADUM7442CRQZ-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.

ADUM7442CRQZ-RL7 Payment Methods



ADUM7442CRQZ-RL7 Shipping Methods



If you have any question about ADUM7442CRQZ-RL7, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: salesdept@heisener.com