

ADUM3442CRWZ Information


For Reference Only

Part Number [ADUM3442CRWZ](#)
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


[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.


ADUM3442CRWZ Specifications

Manufacturer Part Number	ADUM3442CRWZ
Manufacturer	Analog Devices Inc.
Category	Isolators Digital Isolators
Package	16-SOIC (0.295", 7.50mm 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	2500Vrms
Common Mode Transient Immunity (Min)	25kV/μs
Data Rate	150Mbps
Propagation Delay tpLH / tpHL (Max)	32ns, 32ns
Pulse Width Distortion (Max)	2ns
Rise / Fall Time (Typ)	2.5ns, 2.5ns
Voltage - Supply	3 V ~ 5.5 V
Operating Temperature	-40°C ~ 105°C
Package / Case	16-SOIC (0.295", 7.50mm Width)
Supplier Device Package	16-SOIC

[Report errors?](#)

ADUM3442CRWZ 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 Payment Methods



ADUM3442CRWZ Shipping Methods



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

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