



Image may be representation.
See specifications for product details.



ADUM3442CRWZ

Manufacturer Part Number	ADUM3442CRWZ
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADUM3442CRWZ
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DGTL ISO 2.5KV GEN PURP 16SOIC
Package	16-SOIC (0.295', 7.50mm Width)
Data sheet	Cylindrical Battery Holders.pdf

Get a Quote

ADUM3442CRWZ - Analog Devices Inc..New Original in Stock. Download Linear Technology ADUM3442CRWZ datasheet/specifications on AllelcoElec.com.
Request a quote for ADUM3442CRWZ, please send us email: info@allelco.com

Specifications

ADUM3442CRWZ Tech Specifications
ADUM3442CRWZ - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Package	Tube
Voltage - Supply	3V ~ 5.5V	Operating Temperature	-40°C ~ 105°C
Voltage - Isolation	2500Vrms	Number of Channels	4
Type	General Purpose	Mounting Type	Surface Mount
Technology	Magnetic Coupling	Isolated Power	No
Supplier Device Package	16-SOIC	Inputs - Side 1/Side 2	2/2
Series	iCoupler®	Data Rate	150Mbps
Rise / Fall Time (Typ)	2.5ns, 2.5ns	Common Mode Transient Immunity (Min)	25kV/μs
Pulse Width Distortion (Max)	2ns	Channel Type	Unidirectional
Propagation Delay tpLH / tpHL (Max)	32ns, 32ns	Base Product Number	ADUM3442
Package / Case	16-SOIC (0.295', 7.50mm Width)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADUM3442CRWZ

Product Attribute				
Part Number	ADUM3442CRWZ	ADUM3402BRWZ	ADUM3440CRWZ	ADUM3442CRWZ-RL
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Data Rate	150Mbps	10Mbps	150Mbps	150Mbps
Base Product Number	ADUM3442	ADUM3402	ADUM3440	ADUM3442
Technology	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	iCoupler®	iCoupler®	iCoupler®	iCoupler®
Isolated Power	No	No	No	No
Package	Tube	Tube	Tube	Tape & Reel (TR)
Propagation Delay tpLH / tpHL (Max)	32ns, 32ns	50ns, 50ns	32ns, 32ns	32ns, 32ns
Package / Case	16-SOIC (0.295', 7.50mm Width)	16-SOIC (0.295', 7.50mm Width)	16-SOIC (0.295', 7.50mm Width)	16-SOIC (0.295', 7.50mm Width)
Operating Temperature	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 105°C
Number of Channels	4	4	4	4
Inputs - Side 1/Side 2	2/2	2/2	4/0	2/2
Common Mode Transient Immunity (Min)	25kV/μs	25kV/μs	25kV/μs	25kV/μs
Supplier Device Package	16-SOIC	16-SOIC	16-SOIC	16-SOIC
Pulse Width Distortion (Max)	2ns	3ns	2ns	2ns
Type	General Purpose	General Purpose	General Purpose	General Purpose
Channel Type	Unidirectional	Unidirectional	Unidirectional	Unidirectional
Voltage - Isolation	2500Vrms	2500Vrms	2500Vrms	2500Vrms
Rise / Fall Time (Typ)	2.5ns, 2.5ns	2.5ns, 2.5ns	2.5ns, 2.5ns	2.5ns, 2.5ns
Voltage - Supply	3V ~ 5.5V	3V ~ 5.5V	3V ~ 5.5V	3V ~ 5.5V

ADUM3442CRWZ Datasheet PDF

Download ADUM3442CRWZ pdf datasheets and Analog Devices Inc. documentation for ADUM3442CRWZ - Analog Devices Inc..

Datasheets

Cylindrical Battery Holders.pdf



















PCN Assembly/Origin

2.73KHz.pdf

 Cylindrical Battery Holders.pdf

Customers Also Interested in

Recommended Products

					
ADUM3402BRWZ Analog Devices Inc. DGTL ISO 2500VRMS 4CH GP 16SOIC	ADUM3440CRWZ Analog Devices Inc. DGTL ISO 2500VRMS 4CH GP 16SOIC	ADUM3442CRWZ-RL Analog Devices Inc. DGTL ISO 2500VRMS 4CH GP 16SOIC	ADUM3402ARWZ Analog Devices Inc. DGTL ISO 2500VRMS 4CH GP 16SOIC	ADUM3481BRSZ Analog Devices Inc. DGTL ISO 3750VRMS 4CH GP 20SSOP	ADUM3441CRWZ Analog Devices Inc. DGTL ISO 2500VRMS 4CH GP 16SOIC
					
ADUM3402CRWZ-RL Analog Devices Inc. DGTL ISO 2500VRMS 4CH GP 16SOIC	ADUM3401CRWZ-RL Analog Devices Inc. DGTL ISO 2500VRMS 4CH GP 16SOIC	ADUM3471WCRSZ Analog Devices Inc. DGTL ISO 2500VRMS 4CH GP 20SSOP	ADUM3402ARWZ-RL Analog Devices Inc. DGTL ISO 2500VRMS 4CH GP 16SOIC	ADUM3471ARSZ-RL7 Analog Devices Inc. DGTL ISO 2500VRMS 4CH GP 20SSOP	ADUM3440CRWZ-RL Analog Devices Inc. DGTL ISO 2500VRMS 4CH GP 16SOIC
					
ADUM3474CRSZ Analog Devices Inc. DGTL ISO 2500VRMS 4CH GP 20SSOP	ADUM3481BRSZ-RL7 Analog Devices Inc. DGTL ISO 3750VRMS 4CH GP 20SSOP	ADUM3401CRWZ Analog Devices Inc. DGTL ISO 2500VRMS 4CH GP 16SOIC	ADUM3472WARSZ Analog Devices Inc. DGTL ISO 2500VRMS 4CH GP 20SSOP	ADUM3481ARSZ-RL7 Analog Devices Inc. DGTL ISO 3750VRMS 4CH GP 20SSOP	ADUM3402CRWZ Analog Devices Inc. DGTL ISO 2500VRMS 4CH GP 16SOIC

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
 - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00




Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support


The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -

 Efficient Supply Management	 Cost-Saving Procurement	 Fast Sourcing & Delivery
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Contact us if you have any questions.

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Certifications & Memberships



View More

Contact us

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