



Image may be representation.
See specifications for product details.



ADUM1412ARWZ

Manufacturer Part Number	ADUM1412ARWZ
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADUM1412ARWZ
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	DGTL ISO 3750VRMS 4CH GP 16SOIC
Package	16-SOIC (0.295", 7.50mm Width)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ADUM1412ARWZ - Analog Devices Inc..New Original in Stock. Download Linear Technology ADUM1412ARWZ datasheet/specifications on AllelcoElec.com.
Request a quote for ADUM1412ARWZ, please send us email: info@allelco.com

Specifications

ADUM1412ARWZ Tech Specifications
ADUM1412ARWZ - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Package	Tube
Voltage - Supply	2.7V ~ 5.5V	Operating Temperature	-40°C ~ 105°C
Voltage - Isolation	3750Vrms	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	1Mbps
Rise / Fall Time (Typ)	2.5ns, 2.5ns	Common Mode Transient Immunity (Min)	25kV/µs
Pulse Width Distortion (Max)	40ns	Channel Type	Unidirectional
Propagation Delay tpLH / tpHL (Max)	100ns, 100ns	Base Product Number	ADUM1412
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. ADUM1412ARWZ

Product Attribute				
Part Number	ADUM1412ARWZ	ADUM1410BRWZ	ADUM1411BRWZ	ADUM1412ARWZ-RL
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Channel Type	Unidirectional	Unidirectional	Unidirectional	Unidirectional
Base Product Number	ADUM1412	ADUM1410	ADUM1411	ADUM1412
Propagation Delay tpLH / tpHL (Max)	100ns, 100ns	50ns, 50ns	50ns, 50ns	100ns, 100ns
Number of Channels	4	4	4	4
Data Rate	1Mbps	10Mbps	10Mbps	1Mbps
Technology	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling
Supplier Device Package	16-SOIC	16-SOIC	16-SOIC	16-SOIC
Rise / Fall Time (Typ)	2.5ns, 2.5ns	2.5ns, 2.5ns	2.5ns, 2.5ns	2.5ns, 2.5ns
Common Mode Transient Immunity (Min)	25kV/µs	25kV/µs	25kV/µs	25kV/µs
Inputs - Side 1/Side 2	2/2	4/0	3/1	2/2
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)
Voltage - Supply	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Package	Tube	Tube	Tube	Tape & Reel (TR)
Pulse Width Distortion (Max)	40ns	5ns	5ns	40ns
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 105°C
Type	General Purpose	General Purpose	General Purpose	General Purpose
Voltage - Isolation	3750Vrms	3750Vrms	3750Vrms	3750Vrms
Series	iCoupler®	iCoupler®	iCoupler®	iCoupler®
Isolated Power	No	No	No	No

ADUM1412ARWZ Datasheet PDF

Download ADUM1412ARWZ pdf datasheets and Analog Devices Inc. documentation for ADUM1412ARWZ - Analog Devices Inc..


Datasheets


[Cylindrical Battery Holders.pdf](#)

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PCN Design/Specification

 Datasheet Update 15/May/2014.pdf

 Datasheet Update 18/Apr/2014.pdf

PCN Assembly/Origin

 2.73KHz.pdf

Customers Also Interested in

Recommended Products



ADUM1410BRWZ

Analog Devices Inc.
DGTL ISO 3750VRMS 4CH GP 16SOIC



ADUM1411BRWZ

Analog Devices Inc.
DGTL ISO 3750VRMS 4CH GP 16SOIC



ADUM1412ARWZ-RL

Analog Devices Inc.
DGTL ISO 3750VRMS 4CH GP 16SOIC



ADUM1411BRWZ-RL

Analog Devices Inc.
DGTL ISO 3750VRMS 4CH GP 16SOIC



ADUM141D0BRQZ-RL7

Analog Devices Inc.
DGTL ISO 3000VRMS 4CH GP 16QSOP



ADUM141D1BRWZ

Analog Devices Inc.
DGTL ISO 3750VRMS 4CH GP 16SOIC



ADUM1412BRWZ

Analog Devices Inc.
DGTL ISO 3750VRMS 4CH GP 16SOIC



ADUM1411ARWZ

Analog Devices Inc.
DGTL ISO 3750VRMS 4CH GP 16SOIC



ADUM1410BRWZ-RL

Analog Devices Inc.
DGTL ISO 3750VRMS 4CH GP 16SOIC



ADUM141D0BRWZ

Analog Devices Inc.
DGTL ISO 3750VRMS 4CH GP 16SOIC



ADUM1410ARWZ-RL

Analog Devices Inc.
DGTL ISO 3750VRMS 4CH GP 16SOIC



ADUM141E0BRQZ-RL7

Analog Devices Inc.
DGTL ISO 3000VRMS 4CH GP 16QSOP



ADUM1411ARWZ-RL

Analog Devices Inc.
DGTL ISO 3750VRMS 4CH GP 16SOIC



ADUM141E0BRWZ-RL

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ADUM1412BRWZ-RL

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ADUM141E0BRWZ

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ADUM141E0BRZ

Analog Devices Inc.
DGTL ISO 3000VRMS 4CH GP 16SOIC



ADUM1410ARWZ

Analog Devices Inc.
DGTL ISO 3750VRMS 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

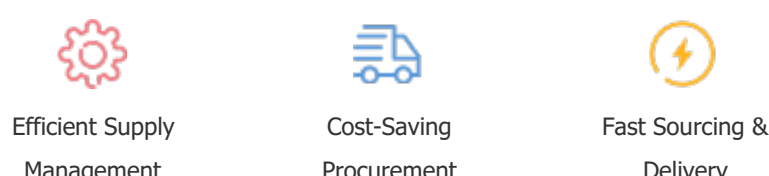
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support

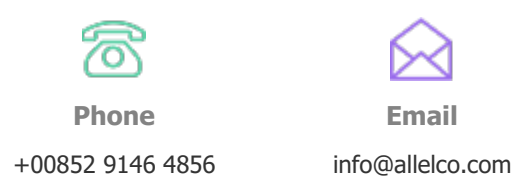
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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