



Image may be representation.  
See specifications for product details.



## ADUM1300ARWZ-RL

Manufacturer Part Number	<b>ADUM1300ARWZ-RL</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-ADUM1300ARWZ-RL
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DGTL ISO 2500VRMS 3CH GP 16SOIC
Package	16-SOIC (0.295", 7.50mm Width)
Data sheet	<b>ADUM1300,01.pdf</b>
	<b>ADUM1300,01.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

ADUM1300ARWZ-RL - Analog Devices Inc..New Original in Stock. Download Linear Technology ADUM1300ARWZ-RL datasheet/specifications on AllelcoElec.com.  
Request a quote for ADUM1300ARWZ-RL, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

ADUM1300ARWZ-RL Tech Specifications  
ADUM1300ARWZ-RL - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Package	Tape & Reel (TR)
Voltage - Supply	2.7V ~ 5.5V	Operating Temperature	-40°C ~ 105°C
Voltage - Isolation	2500Vrms	Number of Channels	3
Type	General Purpose	Mounting Type	Surface Mount
Technology	Magnetic Coupling	Isolated Power	No
Supplier Device Package	16-SOIC	Inputs - Side 1/Side 2	3/0
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	ADUM1300
Package / Case	16-SOIC (0.295", 7.50mm Width)		

## Parts with Similar Specifications

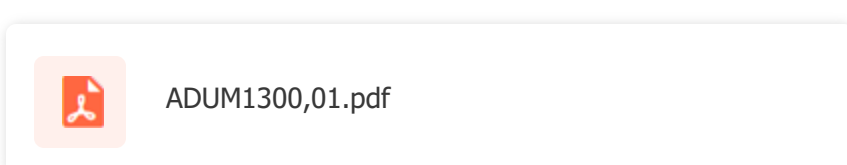
The three parts on the right have similar specifications to Analog Devices Inc. ADUM1300ARWZ-RL

Product Attribute				
Part Number	ADUM1300ARWZ-RL	ADUM1286ARZ-RL7	ADUM1300BRWZ	ADUM1300WSRWZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Technology	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling
Rise / Fall Time (Typ)	2.5ns, 2.5ns	2.5ns, 2.5ns	2.5ns, 2.5ns	2.5ns, 2.5ns
Inputs - Side 1/Side 2	3/0	1/1	3/0	3/0
Package / Case	16-SOIC (0.295", 7.50mm Width)	8-SOIC (0.154", 3.90mm Width)	16-SOIC (0.295", 7.50mm Width)	16-SOIC (0.295", 7.50mm Width)
Data Rate	1Mbps	1Mbps	10Mbps	1Mbps
Operating Temperature	-40°C ~ 105°C	-40°C ~ 125°C	-40°C ~ 105°C	-40°C ~ 125°C
Propagation Delay tpLH / tpHL (Max)	100ns, 100ns	50ns, 50ns	50ns, 50ns	100ns, 100ns
Voltage - Isolation	2500Vrms	3000Vrms	2500Vrms	2500Vrms
Voltage - Supply	2.7V ~ 5.5V	3V ~ 5.5V	2.7V ~ 5.5V	3V ~ 5.5V
Isolated Power	No	No	No	No
Common Mode Transient Immunity (Min)	25kV/µs	25kV/µs	25kV/µs	25kV/µs
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tube
Type	General Purpose	General Purpose	General Purpose	General Purpose
Number of Channels	3	2	3	3
Pulse Width Distortion (Max)	40ns	10ns	3ns	40ns
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	iCoupler®	iCoupler®	iCoupler®	Automotive
Supplier Device Package	16-SOIC	8-SOIC	16-SOIC	16-SOIC
Channel Type	Unidirectional	Unidirectional	Unidirectional	Unidirectional
Base Product Number	ADUM1300	ADUM1286	ADUM1300	ADUM1300

## ADUM1300ARWZ-RL Datasheet PDF


Download ADUM1300ARWZ-RL pdf datasheets and Analog Devices Inc. documentation for ADUM1300ARWZ-RL - Analog Devices Inc..

### Datasheets



### PCN Design/Specification

 Datasheet Update 15/May/2014.pdf

 ADUM1300/01 Die Update 21/Jan/2015.pdf

## PCN Assembly/Origin

 ADUM 15/FEB/2022.pdf

## HTML Datasheet

 ADUM1300,01.pdf

## Customers Also Interested in

### Recommended Products



#### ADUM1286ARZ-RL7

Analog Devices Inc.  
DGTL ISO 3000VRMS 2CH GP 8SOIC



#### ADUM1300BRWZ

Analog Devices Inc.  
DGTL ISO 2500VRMS 3CH GP 16SOIC



#### ADUM1300WSRWZ

Analog Devices Inc.  
DGTL ISO 2500VRMS 3CH GP 16SOIC



#### ADUM1300ARWZ

Analog Devices Inc.  
DGTL ISO 2500VRMS 3CH GP 16SOIC



#### ADUM1285WARZ-RL7

Analog Devices Inc.  
DGTL ISO 3000VRMS 2CH GP 8SOIC



#### ADUM1301ARWZ

Analog Devices Inc.  
DGTL ISO 2500VRMS 3CH GP 16SOIC



#### ADUM1285CRZ

Analog Devices Inc.  
DGTL ISO 3000VRMS 2CH GP 8SOIC



#### ADUM1300CRWZ

Analog Devices Inc.  
DGTL ISO 2500VRMS 3CH GP 16SOIC



#### ADUM1301ARWZ-RL

Analog Devices Inc.  
DGTL ISO 2500VRMS 3CH GP 16SOIC



#### ADUM1285CRZ-RL7

Analog Devices Inc.  
DGTL ISO 3000VRMS 2CH GP 8SOIC



#### ADUM1285BRZ-RL7

Analog Devices Inc.  
DGTL ISO 3000VRMS 2CH GP 8SOIC



#### ADUM1301BRWZ-RL

Analog Devices Inc.  
DGTL ISO 2500VRMS 3CH GP 16SOIC



#### ADUM1281WCRZ

Analog Devices Inc.  
DGTL ISO 3000VRMS 2CH GP 8SOIC



#### ADUM1301BRWZ

Analog Devices Inc.  
DGTL ISO 2500VRMS 3CH GP 16SOIC



#### ADUM1285ARZ-RL7

Analog Devices Inc.  
DGTL ISO 3000VRMS 2CH GP 8SOIC



#### ADUM1286CRZ-RL7

Analog Devices Inc.  
DGTL ISO 3000VRMS 2CH GP 8SOIC



#### ADUM1300WTRWZ

Analog Devices Inc.  
DGTL ISO 2500VRMS 3CH GP 16SOIC



#### ADUM1300ARW-RL

Analog Devices Inc.  
DGTL ISO 2.5KV GEN PURP 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

Contact us if you have any questions.



Phone

+00852 9146 4856



Email

info@allelco.com

## Certifications & Memberships



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