



Image may be representation.  
See specifications for product details.



## ADUM1300ARW-RL

Manufacturer Part Number	<b>ADUM1300ARW-RL</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-ADUM1300ARW-RL
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	<b>ADUM1300,01.pdf</b>
	<b>ADUM1300,01.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

ADUM1300ARW-RL - Analog Devices Inc..New Original in Stock. Download Linear Technology ADUM1300ARW-RL datasheet/specifications on AllelcoElec.com.  
Request a quote for ADUM1300ARW-RL, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

ADUM1300ARW-RL Tech Specifications  
ADUM1300ARW-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

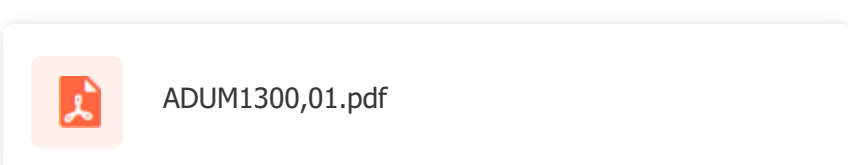
The three parts on the right have similar specifications to Analog Devices Inc. ADUM1300ARW-RL

Product Attribute				
Part Number	ADUM1300ARW-RL	ADUM1281WARZ	ADUM1281WCRZ	ADUM1301ARWZ-RL
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Pulse Width Distortion (Max)	40ns	10ns	2ns	40ns
Number of Channels	3	2	2	3
Common Mode Transient Immunity (Min)	25kV/µs	25kV/µs	25kV/µs	25kV/µs
Voltage - Supply	2.7V ~ 5.5V	3V ~ 5.5V	3V ~ 5.5V	2.7V ~ 5.5V
Rise / Fall Time (Typ)	2.5ns, 2.5ns	2.5ns, 2.5ns	2.5ns, 2.5ns	2.5ns, 2.5ns
Base Product Number	ADUM1300	ADUM1281	ADUM1281	ADUM1301
Voltage - Isolation	2500Vrms	3000Vrms	3000Vrms	2500Vrms
Package	Tape & Reel (TR)	Tube	Tube	Tape & Reel (TR)
Operating Temperature	-40°C ~ 105°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 105°C
Supplier Device Package	16-SOIC	8-SOIC	8-SOIC	16-SOIC
Inputs - Side 1/Side 2	3/0	1/1	1/1	2/1
Technology	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling
Package / Case	16-SOIC (0.295", 7.50mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	16-SOIC (0.295", 7.50mm Width)
Propagation Delay tpLH / tpHL (Max)	100ns, 100ns	50ns, 50ns	24ns, 24ns	100ns, 100ns
Channel Type	Unidirectional	Unidirectional	Unidirectional	Unidirectional
Type	General Purpose	General Purpose	General Purpose	General Purpose
Series	iCoupler®	Automotive	Automotive	iCoupler®
Isolated Power	No	No	No	No
Data Rate	1Mbps	1Mbps	100Mbps	1Mbps
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

## ADUM1300ARW-RL Datasheet PDF

Download ADUM1300ARW-RL pdf datasheets and Analog Devices Inc. documentation for ADUM1300ARW-RL - Analog Devices Inc..

### Datasheets



PCN Obsolescence/ EOL

Lead(Pb)- Bearing Dev OBS 19/Jun/2017.pdf

Lead(Pb)- Bearing Dev Retraction 14/Nov/2017.pdf

### PCN Design/Specification

Datasheet Update 15/May/2014.pdf

Datasheet Update 18/Apr/2014.pdf

### PCN Assembly/Origin

ADUM 15/FEB/2022.pdf

### HTML Datasheet

ADUM1300,01.pdf

## Customers Also Interested in

### Recommended Products



#### ADUM1281WARZ

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



#### ADUM1281WCRZ

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



#### ADUM1301ARWZ-RL

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



#### ADUM1300WTRWZ

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



#### ADUM1300BRWZ

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



#### ADUM1300WSRWZ

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



#### ADUM1286CRZ-RL7

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



#### ADUM1301ARWZ

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



#### ADUM1301BRWZ

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



#### ADUM1281WARZ-RL7

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



#### ADUM1300ARWZ-RL

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



#### ADUM1285CRZ

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



#### ADUM1285BRZ-RL7

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



#### ADUM1286ARZ-RL7

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



#### ADUM1285WARZ-RL7

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



#### ADUM1285ARZ-RL7

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



#### ADUM1300ARWZ

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



#### ADUM1300CRWZ

Analog Devices Inc.  
DGTL ISO 2500VRMS 3CH 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

Contact us if you have any questions.



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Email

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### Certifications & Memberships



View More

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