



Image may be representation.
See specifications for product details.



ADUM1301BRWZ

Manufacturer Part Number	ADUM1301BRWZ
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADUM1301BRWZ
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	ADUM1300,01.pdf ADUM1300,01.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ADUM1301BRWZ - Analog Devices Inc..New Original in Stock. Download Linear Technology ADUM1301BRWZ datasheet/specifications on AllelcoElec.com.
Request a quote for ADUM1301BRWZ, please send us email: info@allelco.com

Specifications

ADUM1301BRWZ Tech Specifications
ADUM1301BRWZ - 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	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	2/1
Series	iCoupler®	Data Rate	10Mbps
Rise / Fall Time (Typ)	2.5ns, 2.5ns	Common Mode Transient Immunity (Min)	25kV/µs
Pulse Width Distortion (Max)	3ns	Channel Type	Unidirectional
Propagation Delay tpLH / tpHL (Max)	50ns, 50ns	Base Product Number	ADUM1301
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. ADUM1301BRWZ

Product Attribute				
Part Number	ADUM1301BRWZ	ADUM130D1BRWZ	ADUM1300ARWZ-RL	ADUM130E1BRWZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Propagation Delay tpLH / tpHL (Max)	50ns, 50ns	13ns, 13ns	100ns, 100ns	13ns, 13ns
Supplier Device Package	16-SOIC	16-SOIC	16-SOIC	16-SOIC
Inputs - Side 1/Side 2	2/1	3/0	3/0	3/0
Base Product Number	ADUM1301	ADUM130	ADUM1300	ADUM130
Series	iCoupler®	iCoupler®	iCoupler®	iCoupler®
Operating Temperature	-40°C ~ 105°C	-40°C ~ 125°C	-40°C ~ 105°C	-40°C ~ 125°C
Pulse Width Distortion (Max)	3ns	3ns	40ns	3ns
Isolated Power	No	No	No	No
Data Rate	10Mbps	150Mbps	1Mbps	150Mbps
Type	General Purpose	General Purpose	General Purpose	General Purpose
Voltage - Isolation	2500Vrms	3750Vrms	2500Vrms	3750Vrms
Common Mode Transient Immunity (Min)	25kV/µs	75kV/µs	25kV/µs	75kV/µs
Voltage - Supply	2.7V ~ 5.5V	1.7V ~ 5.5V	2.7V ~ 5.5V	1.7V ~ 5.5V
Package	Tube	Tube	Tape & Reel (TR)	Tube
Rise / Fall Time (Typ)	2.5ns, 2.5ns	2.5ns, 2.5ns	2.5ns, 2.5ns	2.5ns, 2.5ns
Channel Type	Unidirectional	Unidirectional	Unidirectional	Unidirectional
Number of Channels	3	3	3	3
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
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)
Technology	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling

ADUM1301BRWZ Datasheet PDF


Download ADUM1301BRWZ pdf datasheets and Analog Devices Inc. documentation for ADUM1301BRWZ - Analog Devices Inc..

Datasheets

ADUM1300,01.pdf

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



ADUM130D1BRWZ

Analog Devices Inc.
DGTL ISO 3750VRMS 3CH GP 16SOIC



ADUM1300ARWZ-RL

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



ADUM130E1BRWZ

Analog Devices Inc.
DGTL ISO 3750VRMS 3CH GP 16SOIC



ADUM1300ARWZ

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



ADUM1301WSRWZ

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



ADUM1310ARWZ

Analog Devices Inc.
DGTL ISO 3750VRMS 3CH GP 16SOIC



ADUM1301WSRWZ-RL

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



ADUM1300CRWZ

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



ADUM1300ARW-RL

Analog Devices Inc.
DGTL ISO 2.5KV GEN PURP 16SOIC



ADUM130E1BRWZ-RL

Analog Devices Inc.
DGTL ISO 3750VRMS 3CH GP 16SOIC



ADUM1301BRWZ-RL

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



ADUM1301ARWZ

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



ADUM1300WSRWZ

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



ADUM1300WTRWZ

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



ADUM1301ARWZ-RL

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



ADUM130E0BRWZ

Analog Devices Inc.
DGTL ISO 3750VRMS 3CH GP 16SOIC



ADUM1301CRWZ

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



ADUM1300BRWZ

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.



Phone

+00852 9146 4856



Email

info@allelco.com

Certifications & Memberships



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