



Image may be representation.
See specifications for product details.



ADUM1401BRWZ

Manufacturer Part Number	ADUM1401BRWZ
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADUM1401BRWZ
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DGTL ISO 2500VRMS 4CH GP 16SOIC
Package	16-SOIC (0.295", 7.50mm Width)
Data sheet	Cylindrical Battery Holders.pdf

Get a Quote

ADUM1401BRWZ - Analog Devices Inc..New Original in Stock. Download Linear Technology ADUM1401BRWZ datasheet/specifications on AllelcoElec.com.
Request a quote for ADUM1401BRWZ, please send us email: info@allelco.com

Specifications

ADUM1401BRWZ Tech Specifications
ADUM1401BRWZ - 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	4
Type	General Purpose	Mounting Type	Surface Mount
Technology	Magnetic Coupling	Isolated Power	No
Supplier Device Package	16-SOIC	Inputs - Side 1/Side 2	3/1
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	ADUM1401
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. ADUM1401BRWZ

Product Attribute				
Part Number	ADUM1401BRWZ	ADUM1400CRWZ-RL	ADUM1401ARWZ	ADUM1400WSRWZ-RL
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Operating Temperature	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 125°C
Series	iCoupler®	iCoupler®	iCoupler®	Automotive
Type	General Purpose	General Purpose	General Purpose	General Purpose
Base Product Number	ADUM1401	ADUM1400	ADUM1401	ADUM1400
Pulse Width Distortion (Max)	3ns	2ns	40ns	40ns
Rise / Fall Time (Typ)	2.5ns, 2.5ns	2.5ns, 2.5ns	2.5ns, 2.5ns	2.5ns, 2.5ns
Isolated Power	No	No	No	No
Inputs - Side 1/Side 2	3/1	4/0	3/1	4/0
Propagation Delay tpLH / tpHL (Max)	50ns, 50ns	32ns, 32ns	100ns, 100ns	100ns, 100ns
Voltage - Isolation	2500Vrms	2500Vrms	2500Vrms	2500Vrms
Package	Tube	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Data Rate	10Mbps	90Mbps	1Mbps	1Mbps
Technology	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling
Voltage - Supply	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Common Mode Transient Immunity (Min)	25kV/μs	25kV/μs	25kV/μs	25kV/μs
Supplier Device Package	16-SOIC	16-SOIC	16-SOIC	16-SOIC
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)
Number of Channels	4	4	4	4
Channel Type	Unidirectional	Unidirectional	Unidirectional	Unidirectional

ADUM1401BRWZ Datasheet PDF

Download ADUM1401BRWZ pdf datasheets and Analog Devices Inc. documentation for ADUM1401BRWZ - Analog Devices Inc..


Datasheets

Cylindrical Battery Holders.pdf

Other Related Documents

Cylindrical Battery Holders.pdf

PCN Design/Specification


 Datasheet Update 15/May/2014.pdf

 ADUM1400/01/02 Die Update 10/Oct/2014.pdf


PCN Assembly/Origin

 ADUM 15/FEB/2022.pdf

Design Resources

 16-Bit Fully Isolated 4 mA to 20 mA Output Module .pdf

 16-Bit Fully Isolated Output Module Using AD5422 a.pdf

 16-Bit Fully Isolated Voltage Output Module Using .pdf

Customers Also Interested in

Recommended Products



ADUM1400CRWZ-RL

Analog Devices Inc.
DGTL ISO 2500VRMS 4CH GP 16SOIC



ADUM1401ARWZ

Analog Devices Inc.
DGTL ISO 2500VRMS 4CH GP 16SOIC



ADUM1401A

ADI (Analog Devices, Inc.)



ADUM1400WSRWZ-RL

Analog Devices Inc.
DGTL ISO 2500VRMS 4CH GP 16SOIC



ADUM1400WSRWZ

Analog Devices Inc.
DGTL ISO 2500VRMS 4CH GP 16SOIC



ADUM1401YRWZ

Analog Devices Inc.
IC ISOLATOR DIGITAL QUAD 16SOIC



ADUM1401WTRWZ-RL

Analog Devices Inc.
DGTL ISO 2500VRMS 4CH GP 16SOIC



ADUM1401ARWZ-RL

Analog Devices Inc.
DGTL ISO 2500VRMS 4CH GP 16SOIC



ADUM1400WTRWZ

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DGTL ISO 2500VRMS 4CH GP 16SOIC



ADUM1401BRWZ-RL

Analog Devices Inc.
DGTL ISO 2500VRMS 4CH GP 16SOIC



ADUM1400CRWZ

Analog Devices Inc.
DGTL ISO 2500VRMS 4CH GP 16SOIC



ADUM1401WTRWZ

Analog Devices Inc.
DGTL ISO 2500VRMS 4CH GP 16SOIC



ADUM1401CRWZ

Analog Devices Inc.
DGTL ISO 2500VRMS 4CH GP 16SOIC



ADUM1401WSRWZ

Analog Devices Inc.
DGTL ISO 2500VRMS 4CH GP 16SOIC



ADUM1401ARW

Analog Devices Inc.
DGTL ISO 2500VRMS 4CH GP 16SOIC



ADUM1401CRWZ-RL

Analog Devices Inc.
DGTL ISO 2500VRMS 4CH GP 16SOIC



ADUM1401WSRWZ-RL

Analog Devices Inc.
DGTL ISO 2500VRMS 4CH GP 16SOIC



ADUM1401CRW

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

Contact us if you have any questions.



Phone

+00852 9146 4856



Email

info@allelco.com

Certifications & Memberships



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