



Image may be representation.
See specifications for product details.



ADUM1401WTRWZ-RL

Manufacturer Part Number	ADUM1401WTRWZ-RL
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADUM1401WTRWZ-RL
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
RoHs Status	ROHS3 Compliant

Get a Quote

ADUM1401WTRWZ-RL - Analog Devices Inc..New Original in Stock. Download Linear Technology ADUM1401WTRWZ-RL datasheet/specifications on AllelcoElec.com. Request a quote for ADUM1401WTRWZ-RL, please send us email: info@allelco.com

Specifications

ADUM1401WTRWZ-RL Tech Specifications
ADUM1401WTRWZ-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 ~ 125°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	Automotive	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)	32ns, 32ns	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. ADUM1401WTRWZ-RL

Product Attribute				
Part Number	ADUM1401WTRWZ-RL	ADUM1401YRWZ	ADUM1401CRWZ-RL	ADUM1401BRWZ-RL
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Common Mode Transient Immunity (Min)	25kV/μs	-	25kV/μs	25kV/μs
Data Rate	10Mbps	-	90Mbps	10Mbps
Number of Channels	4	4	4	4
Propagation Delay tpLH / tpHL (Max)	32ns, 32ns	-	32ns, 32ns	50ns, 50ns
Channel Type	Unidirectional	Unidirectional	Unidirectional	Unidirectional
Inputs - Side 1/Side 2	3/1	3/1	3/1	3/1
Operating Temperature	-40°C ~ 125°C	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 105°C
Isolated Power	No	No	No	No
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)
Pulse Width Distortion (Max)	3ns	-	2ns	3ns
Base Product Number	ADUM1401	-	ADUM1401	ADUM1401
Rise / Fall Time (Typ)	2.5ns, 2.5ns	-	2.5ns, 2.5ns	2.5ns, 2.5ns
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Type	General Purpose	General Purpose	General Purpose	General Purpose
Voltage - Isolation	2500Vrms	2500Vrms	2500Vrms	2500Vrms
Series	Automotive	iCoupler®	iCoupler®	iCoupler®
Supplier Device Package	16-SOIC	16-SOIC	16-SOIC	16-SOIC
Voltage - Supply	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Technology	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling

ADUM1401WTRWZ-RL Datasheet PDF

Download ADUM1401WTRWZ-RL pdf datasheets and Analog Devices Inc. documentation for ADUM1401WTRWZ-RL - 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


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

PCN Assembly/Origin

 2.73KHz.pdf

Customers Also Interested in

Recommended Products



ADUM1401YRWZ

Analog Devices Inc.
IC ISOLATOR DIGITAL QUAD 16SOIC



ADUM1401CRWZ-RL

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



ADUM1401BRWZ-RL

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



ADUM1402BRWZ-RL

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



ADUM1402ARW

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



ADUM1402CRW

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



ADUM1401ARWZ

ADI (Analog Devices, Inc.)
DGTL ISO 2500VRMS 4CH GP 16SOIC



ADUM1401CRW

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



ADUM1402BRWZ

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



ADUM1401WSRWZ-RL

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



ADUM1401WSRWZ

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

ADUM1401CRWZ

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



ADUM1402CRWZ

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



ADUM1402ARWZ

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



ADUM1402CRWZ-RL

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



ADUM1402ARWZ-RL

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



ADUM1401WTRWZ

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



ADUM1401BRWZ

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

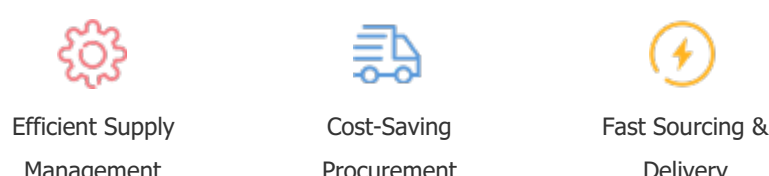
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

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 -



Contact us if you have any questions.

Phone: +00852 9146 4856
Email: info@allelco.com

Certifications & Memberships



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