



Image may be representation.
See specifications for product details.



ADUM1401WSRWZ-RL

Manufacturer Part Number	ADUM1401WSRWZ-RL
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADUM1401WSRWZ-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	ADUM140(0-2).pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ADUM1401WSRWZ-RL - Analog Devices Inc..New Original in Stock. Download Linear Technology ADUM1401WSRWZ-RL datasheet/specifications on AllelcoElec.com. Request a quote for ADUM1401WSRWZ-RL, please send us email: info@allelco.com

Specifications

ADUM1401WSRWZ-RL Tech Specifications
ADUM1401WSRWZ-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	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	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. ADUM1401WSRWZ-RL

Product Attribute				
Part Number	ADUM1401WSRWZ-RL	ADUM1402BRWZ-RL	ADUM1401CRWZ	ADUM1401CRW
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Supplier Device Package	16-SOIC	16-SOIC	16-SOIC	16-SOIC
Isolated Power	No	No	No	No
Number of Channels	4	4	4	4
Propagation Delay tpLH / tpHL (Max)	100ns, 100ns	50ns, 50ns	32ns, 32ns	32ns, 32ns
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
Voltage - Isolation	2500Vrms	2500Vrms	2500Vrms	2500Vrms
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tube
Type	General Purpose	General Purpose	General Purpose	General Purpose
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	Automotive	iCoupler®	iCoupler®	iCoupler®
Pulse Width Distortion (Max)	40ns	3ns	2ns	2ns
Channel Type	Unidirectional	Unidirectional	Unidirectional	Unidirectional
Rise / Fall Time (Typ)	2.5ns, 2.5ns	2.5ns, 2.5ns	2.5ns, 2.5ns	2.5ns, 2.5ns
Operating Temperature	-40°C ~ 125°C	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 105°C
Base Product Number	ADUM1401	ADUM1402	ADUM1401	ADUM1401
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
Data Rate	1Mbps	10Mbps	90Mbps	90Mbps
Inputs - Side 1/Side 2	3/1	2/2	3/1	3/1

ADUM1401WSRWZ-RL Datasheet PDF

Download ADUM1401WSRWZ-RL pdf datasheets and Analog Devices Inc. documentation for ADUM1401WSRWZ-RL - Analog Devices Inc..

Datasheets

[ADUM140\(0-2\).pdf](#)

Other Related Documents


[ADI Programmable Log Controller Solutions.pdf](#)

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

 Die Rev/Assembly Site/MSL Updates 30/Nov/2016.pdf

Customers Also Interested in

Recommended Products



ADUM1402BRWZ-RL

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



ADUM1401CRWZ

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



ADUM1401CRW

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



ADUM1401WTRWZ

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



ADUM1402ARWZ

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



ADUM1401WSRWZ

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



ADUM1401WTRWZ-RL

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



ADUM1401ARWZ.

ADI (Analog Devices, Inc.)



ADUM1401ARWZ-RL

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



ADUM1402ARWZ-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



ADUM1401CRWZ-RL

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



ADUM1401BRWZ-RL

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



ADUM1401ARWZ

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



ADUM1401BRWZ

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



ADUM1401YRWZ

Analog Devices Inc.
IC ISOLATOR DIGITAL QUAD 16SOIC



ADUM1402BRWZ

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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