



Image may be representation.
See specifications for product details.



ADUM4401WARWZ

Manufacturer Part Number	ADUM4401WARWZ
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADUM4401WARWZ
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DGTL ISO 5000VRMS 4CH GP 16SOIC
Package	16-SOIC (0.295", 7.50mm Width)
Data sheet	ADuM4400W-02W.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ADUM4401WARWZ - Analog Devices Inc..New Original in Stock. Download Linear Technology ADUM4401WARWZ datasheet/specifications on AllelcoElec.com.
Request a quote for ADUM4401WARWZ, please send us email: info@allelco.com

Specifications

ADUM4401WARWZ Tech Specifications
ADUM4401WARWZ - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Package	Tube
Voltage - Supply	3.135V ~ 5.5V	Operating Temperature	-40°C ~ 125°C
Voltage - Isolation	5000Vrms	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	ADUM4401
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. ADUM4401WARWZ

Product Attribute				
Part Number	ADUM4401WARWZ	ADUM4402WARWZ	ADUM4401ARIZ	ADUM4402WBRWZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Voltage - Isolation	5000Vrms	5000Vrms	5000Vrms	5000Vrms
Channel Type	Unidirectional	Unidirectional	Unidirectional	Unidirectional
Type	General Purpose	General Purpose	General Purpose	General Purpose
Number of Channels	4	4	4	4
Propagation Delay tpLH / tpHL (Max)	100ns, 100ns	100ns, 100ns	100ns, 100ns	36ns, 36ns
Series	Automotive	Automotive	iCoupler®	Automotive
Pulse Width Distortion (Max)	40ns	40ns	40ns	3.5ns
Base Product Number	ADUM4401	ADUM4402	ADUM4401	ADUM4402
Rise / Fall Time (Typ)	2.5ns, 2.5ns	2.5ns, 2.5ns	2.5ns, 2.5ns	2.5ns, 2.5ns
Supplier Device Package	16-SOIC	16-SOIC	16-SOIC-IC	16-SOIC
Isolated Power	No	No	No	No
Package	Tube	Tube	Tube	Tube
Voltage - Supply	3.135V ~ 5.5V	3.135V ~ 5.5V	3V ~ 5.5V	3.135V ~ 5.5V
Common Mode Transient Immunity (Min)	25kV/μs	25kV/μs	25kV/μs	25kV/μs
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Technology	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling
Inputs - Side 1/Side 2	3/1	2/2	3/1	2/2
Data Rate	1Mbps	1Mbps	1Mbps	10Mbps
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)
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 105°C	-40°C ~ 125°C

ADUM4401WARWZ Datasheet PDF

Download ADUM4401WARWZ pdf datasheets and Analog Devices Inc. documentation for ADUM4401WARWZ - Analog Devices Inc..

Datasheets

ADuM4400W-02W.pdf

PCN Assembly/Origin

Alternate Assembly Site 27/Apr/2016.pdf



Datasheet Update 09/Apr/2015.pdf

Customers Also Interested in

Recommended Products



ADUM4402WARWZ

Analog Devices Inc.
DGTL ISO 5000VRMS 4CH GP 16SOIC



ADUM4401ARIZ

Analog Devices Inc.
DGTL ISO 5000VRMS 4CH GP 16SOIC



ADUM5000ARWZ

Analog Devices Inc.
DC DC CONVERTER 3.3V 5V 500MW



ADUM4402WBRWZ

Analog Devices Inc.
DGTL ISO 5000VRMS 4CH GP 16SOIC



ADUM4401ARWZ

Analog Devices Inc.
DGTL ISO 5000VRMS 4CH GP 16SOIC



ADUM4223WBRWZ

Analog Devices Inc.
DGTL ISO 5KV 2CH GATE DVR 16SOIC



ADUM4400BRWZ

Analog Devices Inc.
DGTL ISO 5000VRMS 4CH GP 16SOIC



ADUM4401BRWZ

Analog Devices Inc.
DGTL ISO 5000VRMS 4CH GP 16SOIC



ADUM4223CRWZ-RL

Analog Devices Inc.
DGTL ISO 5KV 2CH GATE DVR 16SOIC



ADUM4400CRIZ

Analog Devices Inc.
DGTL ISO 5000VRMS 4CH GP 16SOIC



ADUM4400ARIZ-RL

Analog Devices Inc.
DGTL ISO 5000VRMS 4CH GP 16SOIC



ADUM4400ARWZ

Analog Devices Inc.
DGTL ISO 5000VRMS 4CH GP 16SOIC



ADUM4400CRWZ

Analog Devices Inc.
DGTL ISO 5000VRMS 4CH GP 16SOIC



ADUM5000ARWZ-RL

Analog Devices Inc.
DC DC CONVERTER 3.3V 5V 500MW



ADUM4402ARWZ

Analog Devices Inc.
DGTL ISO 5000VRMS 4CH GP 16SOIC



ADUM4402CRWZ

Analog Devices Inc.
DGTL ISO 5000VRMS 4CH GP 16SOIC



ADUM4402ARIZ

Analog Devices Inc.
DGTL ISO 5000VRMS 4CH GP 16SOIC



ADUM4402BRWZ-RL

Analog Devices Inc.
DGTL ISO 5000VRMS 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

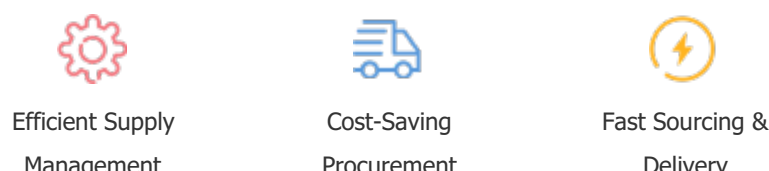
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

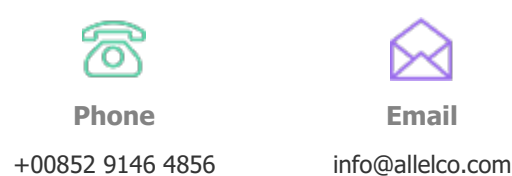
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



View More

Contact us

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