



Image may be representation.  
See specifications for product details.



## ADUM6401ARWZ

Manufacturer Part Number	<b>ADUM6401ARWZ</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-ADUM6401ARWZ
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	<a href="#">ADuM6400-04.pdf</a> <a href="#">ADuM6400-04.pdf</a>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

ADUM6401ARWZ - Analog Devices Inc..New Original in Stock. Download Linear Technology ADUM6401ARWZ datasheet/specifications on AllelcoElec.com.  
Request a quote for ADUM6401ARWZ, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ADUM6401ARWZ Tech Specifications

ADUM6401ARWZ - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Package	Tube
Voltage - Supply	3V ~ 5.5V	Operating Temperature	-40°C ~ 105°C
Voltage - Isolation	5000Vrms	Number of Channels	4
Type	General Purpose	Mounting Type	Surface Mount
Technology	Magnetic Coupling	Isolated Power	Yes
Supplier Device Package	16-SOIC	Inputs - Side 1/Side 2	3/1
Series	IsoPower®, iCoupler®	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	ADUM6401
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. ADUM6401ARWZ

Product Attribute				
Part Number	ADUM6401ARWZ	ADUM6402ARWZ	ADUM6400ARWZ-RL	ADUM6401CRWZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Propagation Delay tPLH / tPHL (Max)	100ns, 100ns	100ns, 100ns	100ns, 100ns	60ns, 60ns
Common Mode Transient Immunity (Min)	25kV/μs	25kV/μs	25kV/μs	25kV/μs
Package	Tube	Tube	Tape & Reel (TR)	Tube
Series	IsoPower®, iCoupler®	IsoPower®, iCoupler®	IsoPower®, iCoupler®	IsoPower®, iCoupler®
Voltage - Isolation	5000Vrms	5000Vrms	5000Vrms	5000Vrms
Rise / Fall Time (Typ)	2.5ns, 2.5ns	2.5ns, 2.5ns	2.5ns, 2.5ns	2.5ns, 2.5ns
Number of Channels	4	4	4	4
Inputs - Side 1/Side 2	3/1	2/2	4/0	3/1
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)
Data Rate	1Mbps	1Mbps	1Mbps	25Mbps
Isolated Power	Yes	Yes	Yes	Yes
Voltage - Supply	3V ~ 5.5V	3V ~ 5.5V	3V ~ 5.5V	3V ~ 5.5V
Pulse Width Distortion (Max)	40ns	40ns	40ns	6ns
Operating Temperature	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 105°C
Base Product Number	ADUM6401	ADUM6402	ADUM6400	ADUM6401
Channel Type	Unidirectional	Unidirectional	Unidirectional	Unidirectional
Type	General Purpose	General Purpose	General Purpose	General Purpose
Technology	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling
Supplier Device Package	16-SOIC	16-SOIC	16-SOIC	16-SOIC
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

### ADUM6401ARWZ Datasheet PDF

Download ADUM6401ARWZ pdf datasheets and Analog Devices Inc. documentation for ADUM6401ARWZ - Analog Devices Inc..

#### Datasheets

ADuM6400-04.pdf

#### HTML Datasheet



















ADuM6400-04.pdf

PCN Design/Specification

ADuM60 Material Chgs 19/Nov/2020.pdf

Customers Also Interested in

Recommended Products

 <b>ADUM6402ARWZ</b> Analog Devices Inc. DGTL ISO 5000VRMS 4CH GP 16SOIC	 <b>ADUM6400ARWZ-RL</b> Analog Devices Inc. DGTL ISO 5000VRMS 4CH GP 16SOIC	 <b>ADUM6401CRWZ</b> Analog Devices Inc. DGTL ISO 5000VRMS 4CH GP 16SOIC	 <b>ADUM6401CRWZ-RL</b> Analog Devices Inc. DGTL ISO 5000VRMS 4CH GP 16SOIC	 <b>ADUM6132ARWZ</b> Analog Devices Inc. DGTL ISO 3.75KV GATE DRVR 16SOIC	 <b>ADUM6210CRSZ</b> Analog Devices Inc. DGTL ISO 3750VRMS 2CH GP 20SSOP
 <b>ADUM6200CRIZ</b> Analog Devices Inc. DGTL ISO 5000VRMS 2CH GP 16SOIC	 <b>ADUM6402ARWZ-RL</b> Analog Devices Inc. DGTL ISO 5000VRMS 4CH GP 16SOIC	 <b>ADUM6400CRWZ</b> Analog Devices Inc. DGTL ISO 5000VRMS 4CH GP 16SOIC	 <b>ADUM6020-5BRIZ-RL</b> Analog Devices Inc. DC DC CONVERTER 3.3V 5V 0.5W	 <b>ADUM6201ARWZ-RL</b> Analog Devices Inc. DGTL ISO 5000VRMS 2CH GP 16SOIC	 <b>ADUM6401ARWZ-RL</b> Analog Devices Inc. DGTL ISO 5000VRMS 4CH GP 16SOIC
 <b>ADUM7223ACCZ</b> Analog Devices Inc. DGTL ISO 2.5KV GATE DRIVER 13LGA	 <b>ADUM6401CRIZ-RL</b> Analog Devices Inc. DGTL ISO 5000VRMS 4CH GP 16SOIC	 <b>ADUM6028-5BRIZ</b> Analog Devices Inc. DC DC CONVERTER 3.3V 5V 300MW	 <b>ADUM6404ARWZ</b> Analog Devices Inc. DGTL ISO 5000VRMS 4CH GP 16SOIC	 <b>ADUM6402ARIZ</b> Analog Devices Inc. DGTL ISO 5000VRMS 4CH GP 16SOIC	 <b>ADUM6028-5BRIZ-RL</b> Analog Devices Inc. DC DC CONVERTER 3.3V 5V 300MW

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



View More

Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong  
Phone: +00852 9146 4856  
Fax: +00852 3010 8510  
Email: info@Allelco.com