

Image may be representation.
See specifications for product details.



ADUM1100ARZ

Manufacturer Part Number	ADUM1100ARZ
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADUM1100ARZ
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DGTL ISO 2500VRMS 1CH GP 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	ADUM1100.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ADUM1100ARZ - Analog Devices Inc..New Original in Stock. Download Linear Technology ADUM1100ARZ datasheet/specifications on AllelcoElec.com.
Request a quote for ADUM1100ARZ, please send us email: info@allelco.com

Specifications

ADUM1100ARZ Tech Specifications
ADUM1100ARZ - 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	2500Vrms	Number of Channels	1
Type	General Purpose	Mounting Type	Surface Mount
Technology	Magnetic Coupling	Isolated Power	No
Supplier Device Package	8-SOIC	Inputs - Side 1/Side 2	1/0
Series	iCoupler®	Data Rate	25Mbps
Rise / Fall Time (Typ)	3ns, 3ns	Common Mode Transient Immunity (Min)	25kV/µs
Pulse Width Distortion (Max)	2ns	Channel Type	Unidirectional
Propagation Delay tpLH / tpHL (Max)	18ns, 18ns	Base Product Number	ADUM1100
Package / Case	8-SOIC (0.154", 3.90mm Width)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADUM1100ARZ

Product Attribute				
Part Number	ADUM1100ARZ	ADUM1100URZ	ADUM1100UR	ADUM110N1BRZ-RL7
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Operating Temperature	-40°C ~ 105°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Common Mode Transient Immunity (Min)	25kV/µs	25kV/µs	25kV/µs	75kV/µs
Package	Tube	Tube	Bulk	Tape & Reel (TR)
Type	General Purpose	General Purpose	General Purpose	General Purpose
Channel Type	Unidirectional	Unidirectional	Unidirectional	Unidirectional
Number of Channels	1	1	1	1
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	ADUM1100	ADUM1100	ADUM1100	ADUM110
Inputs - Side 1/Side 2	1/0	1/0	1/0	1/0
Voltage - Isolation	2500Vrms	2500Vrms	2500Vrms	3000Vrms
Data Rate	25Mbps	100Mbps	100Mbps	150Mbps
Rise / Fall Time (Typ)	3ns, 3ns	3ns, 3ns	3ns, 3ns	2.5ns, 2.5ns
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	8-SOIC
Technology	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling
Isolated Power	No	No	No	No
Pulse Width Distortion (Max)	2ns	2ns	2ns	3ns
Series	iCoupler®	iCoupler®	iCoupler®	iCoupler®
Propagation Delay tpLH / tpHL (Max)	18ns, 18ns	18ns, 18ns	18ns, 18ns	13ns, 13ns
Voltage - Supply	3V ~ 5.5V	3V ~ 5.5V	3V ~ 5.5V	1.7V ~ 5.5V

ADUM1100ARZ Datasheet PDF

Download ADUM1100ARZ pdf datasheets and Analog Devices Inc. documentation for ADUM1100ARZ - Analog Devices Inc..

Datasheets

[ADUM1100.pdf](#)



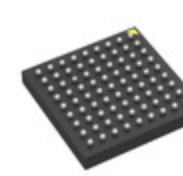












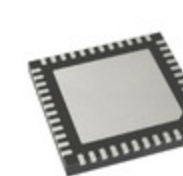
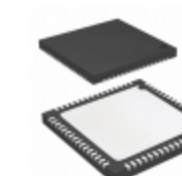

PCN Assembly/Origin

[Mult Dev Site Add 4/Jan/2021.pdf](#)

 USB Cable Isolator Circuit (CN0159).pdf

Customers Also Interested in

Recommended Products

 ADUM1100URZ Analog Devices Inc. DGTL ISO 2500VRMS 1CH GP 8SOIC	 ADUCRF02BCPZ128-U5 ADI (Analog Devices, Inc.)	 ADUCM410BBCZ Analog Devices Inc. IC MCU 32BIT 1MB FLASH 81CSPBGA	 ADUM1100UR Analog Devices Inc. DGTL ISO 2500VRMS 1CH GP 8SOIC	 ADUM110N1BRZ-RL7 Analog Devices Inc. DGTL ISO 3000VRMS 1CH GP 8SOIC	 ADUCOSCZ100 ADI (Analog Devices, Inc.)
 ADUCOSC100 Analog Devices Inc. DAC MICROCONVERTER DUAL TSSOP	 ADUM1100BRZ-RL7 Analog Devices Inc. DGTL ISO 2500VRMS 1CH GP 8SOIC	 ADUM1100AR Analog Devices Inc. DGTL ISO 2500VRMS 1CH GP 8SOIC	 ADUM1100URZ-RL7 Analog Devices Inc. DGTL ISO 2500VRMS 1CH GP 8SOIC	 ADUCOSCZ100-REEL7 ADI (Analog Devices, Inc.)	 ADUM1100ARZ-RL7 Analog Devices Inc. DGTL ISO 2500VRMS 1CH GP 8SOIC
 ADUM1200ARZ Analog Devices Inc. DGTL ISO 2500VRMS 2CH GP 8SOIC	 ADUM1100BRZ Analog Devices Inc. DGTL ISO 2500VRMS 1CH GP 8SOIC	 ADUCOSC100-REEL7 Analog Devices Inc. DAC MICROCONVERTER DUAL TSSOP	 ADUCM363BCPZ128 Analog Devices Inc. IC MCU 32BIT 128KB FLASH 48LFCSP	 ADUCM4050BCPZ Analog Devices Inc. IC MCU 32BIT 512KB FLASH 64LFCSP	 ADUM1100BR Analog Devices Inc. DGTL ISO 2500VRMS 1CH GP 8SOIC

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

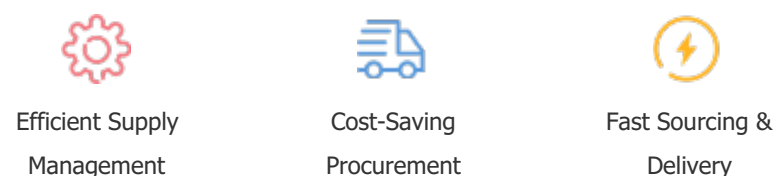
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

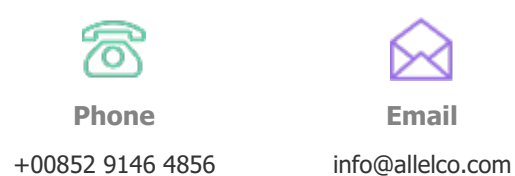
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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