



Image may be representation.  
See specifications for product details.



## ADUM3100ARZ

Manufacturer Part Number	<b>ADUM3100ARZ</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-ADUM3100ARZ
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	<b>ADUM3100.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

ADUM3100ARZ - Analog Devices Inc..New Original in Stock. Download Linear Technology ADUM3100ARZ datasheet/specifications on AllelcoElec.com.  
Request a quote for ADUM3100ARZ, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ADUM3100ARZ Tech Specifications

ADUM3100ARZ - 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	ADUM3100
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. ADUM3100ARZ

Product Attribute				
Part Number	ADUM3100ARZ	<b>ADUM242E0BRWZ-RL</b>	<b>ADUM263N0BRIZ-RL</b>	<b>ADUM262N1BRIZ-RL</b>
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Data Rate	25Mbps	150Mbps	150Mbps	150Mbps
Rise / Fall Time (Typ)	3ns, 3ns	2.5ns, 2.5ns	2.5ns, 2.5ns	2.5ns, 2.5ns
Pulse Width Distortion (Max)	2ns	3ns	4.5ns	4.5ns
Supplier Device Package	8-SOIC	16-SOIC	16-SOIC	16-SOIC
Package / Case	8-SOIC (0.154", 3.90mm Width)	16-SOIC (0.295", 7.50mm Width)	16-SOIC (0.295", 7.50mm Width)	16-SOIC (0.295", 7.50mm Width)
Series	iCoupler®	iCoupler®	iCoupler®	iCoupler®
Propagation Delay tPLH / tPHL (Max)	18ns, 18ns	13ns, 13ns	13ns, 13ns	13ns, 13ns
Base Product Number	ADUM3100	ADUM242	ADUM263	ADUM262
Channel Type	Unidirectional	Unidirectional	Unidirectional	Unidirectional
Voltage - Isolation	2500Vrms	5000Vrms	5000Vrms	5000Vrms
Operating Temperature	-40°C ~ 105°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Type	General Purpose	General Purpose	General Purpose	General Purpose
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - Supply	3V ~ 5.5V	1.7V ~ 5.5V	1.7V ~ 5.5V	1.7V ~ 5.5V
Inputs - Side 1/Side 2	1/0	2/2	3/3	4/2
Number of Channels	1	4	6	6
Isolated Power	No	No	No	No
Technology	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling
Common Mode Transient Immunity (Min)	25kV/µs	75kV/µs	75kV/µs	75kV/µs

### ADUM3100ARZ Datasheet PDF

Download ADUM3100ARZ pdf datasheets and Analog Devices Inc. documentation for ADUM3100ARZ - Analog Devices Inc..

#### Datasheets



















[ADUM3100.pdf](#)

#### PCN Assembly/Origin

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

## Customers Also Interested in

### Recommended Products

 <b>ADUM242E0BRWZ-RL</b> Analog Devices Inc. DGTL ISO 5000VRMS 4CH GP 16SOIC	 <b>ADUM263N0BRIZ-RL</b> Analog Devices Inc. DGTL ISO 5000VRMS 6CH GP 16SOIC	 <b>ADUM262N1BRIZ-RL</b> Analog Devices Inc. DGTL ISO 5000VRMS 6CH GP 16SOIC	 <b>ADUM3153ARSZ-RL7</b> Analog Devices Inc. DGT ISOL 3750VRMS 7CH SPI 20SSOP	 <b>ADUM3151ARSZ-RL7</b> Analog Devices Inc. DGT ISOL 3750VRMS 7CH SPI 20SSOP	 <b>ADUM3151ARSZ</b> Analog Devices Inc. DGT ISOL 3750VRMS 7CH SPI 20SSOP
 <b>ADUM3154ARSZ</b> Analog Devices Inc. DGT ISOL 3750VRMS 4CH SPI 20SSOP	 <b>ADUM3070ARQZ</b> Analog Devices Inc. IC REG PSH-PULL ADJ 350MA 16QSOP	 <b>ADUM242E1BRWZ</b> Analog Devices Inc. DGTL ISO 5000VRMS 4CH GP 16SOIC	 <b>ADUM3152BRSZ</b> Analog Devices Inc. DGT ISOL 3750VRMS 7CH SPI 20SSOP	 <b>ADUM262N0BRIZ</b> Analog Devices Inc. DGTL ISO 5000VRMS 6CH GP 16SOIC	 <b>ADUM263N1BRIZ</b> Analog Devices Inc. DGTL ISO 5000VRMS 6CH GP 16SOIC
 <b>ADUM3153ARSZ</b> Analog Devices Inc. DGT ISOL 3750VRMS 7CH SPI 20SSOP	 <b>ADUM262N0BRIZ-RL</b> Analog Devices Inc. DGTL ISO 5000VRMS 6CH GP 16SOIC	 <b>ADUM263N1BRIZ-RL</b> Analog Devices Inc. DGTL ISO 5000VRMS 6CH GP 16SOIC	 <b>ADUM3100ARZ-RL7</b> Analog Devices Inc. DGTL ISO 2500VRMS 1CH GP 8SOIC	 <b>ADUM3123BRZ-RL7</b> Analog Devices Inc. DGTL ISO 3KV 1CH GATE DRVR 8SOIC	 <b>ADUM3070ARQZ-RL7</b> Analog Devices Inc. IC REG PSH-PULL ADJ 350MA 16QSOP

## 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

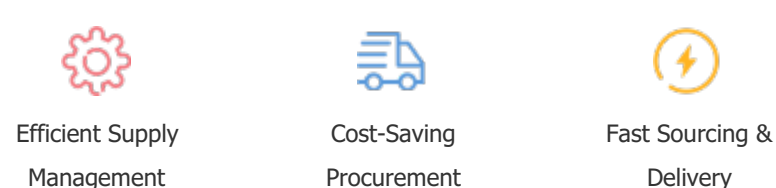
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

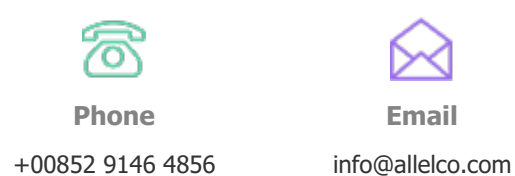
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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