

Image may be representation.
See specifications for product details.



ADUM1100ARZ-RL7

Manufacturer Part Number	ADUM1100ARZ-RL7
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADUM1100ARZ-RL7
ECAD Model	Request Free CAD Models
Parts Description	DGTL ISO 2500VRMS 1CH GP 8SOIC
Package	8-SOIC (0.154', 3.90mm Width)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ADUM1100ARZ-RL7 - Analog Devices Inc..New Original in Stock. Download Linear Technology ADUM1100ARZ-RL7 datasheet/specifications on AllelcoElec.com.
Request a quote for ADUM1100ARZ-RL7, please send us email: info@allelco.com

Specifications

ADUM1100ARZ-RL7 Tech Specifications
ADUM1100ARZ-RL7 - 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	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-RL7

Product Attribute				
Part Number	ADUM1100ARZ-RL7	ADUM1100UR	ADUM110N1BRZ-RL7	ADUM1100BRZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Type	General Purpose	General Purpose	General Purpose	General Purpose
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	ADUM1100	ADUM1100	ADUM110	ADUM1100
Number of Channels	1	1	1	1
Data Rate	25Mbps	100Mbps	150Mbps	100Mbps
Operating Temperature	-40°C ~ 105°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 105°C
Pulse Width Distortion (Max)	2ns	2ns	3ns	2ns
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	8-SOIC
Voltage - Isolation	2500Vrms	2500Vrms	3000Vrms	2500Vrms
Technology	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling
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)
Common Mode Transient Immunity (Min)	25kV/μs	25kV/μs	75kV/μs	25kV/μs
Isolated Power	No	No	No	No
Rise / Fall Time (Typ)	3ns, 3ns	3ns, 3ns	2.5ns, 2.5ns	3ns, 3ns
Package	Tape & Reel (TR)	Bulk	Tape & Reel (TR)	Tube
Inputs - Side 1/Side 2	1/0	1/0	1/0	1/0
Propagation Delay tpLH / tpHL (Max)	18ns, 18ns	18ns, 18ns	13ns, 13ns	18ns, 18ns
Channel Type	Unidirectional	Unidirectional	Unidirectional	Unidirectional
Voltage - Supply	3V ~ 5.5V	3V ~ 5.5V	1.7V ~ 5.5V	3V ~ 5.5V
Series	iCoupler®	iCoupler®	iCoupler®	iCoupler®

ADUM1100ARZ-RL7 Datasheet PDF

Download ADUM1100ARZ-RL7 pdf datasheets and Analog Devices Inc. documentation for ADUM1100ARZ-RL7 - Analog Devices Inc..

Datasheets

[Cylindrical Battery Holders.pdf](#)

Other Related Documents

[Tape and Reel Packaging.pdf](#)

PCN Assembly/Origin











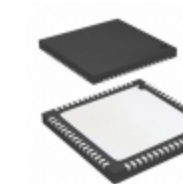
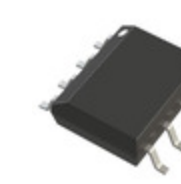


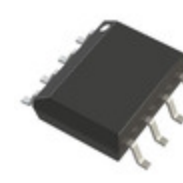


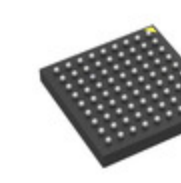
 2.73KHz.pdf

Design Resources

 USB Cable Isolator Circuit (CN0159).pdf

Customers Also Interested in

Recommended Products

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

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.



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