



Image may be representation.  
See specifications for product details.



## ADUM120N0BRZ-RL7

Manufacturer Part Number	<b>ADUM120N0BRZ-RL7</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-ADUM120N0BRZ-RL7
ECAD Model	Request Free CAD Models
Parts Description	DGTL ISO 3000VRMS 2CH GP 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	<a href="#">Cylindrical Battery Holders.pdf</a>
	<a href="#">Cylindrical Battery Holders.pdf</a>
RoHs Status	ROHS3 Compliant

**Get a Quote**

ADUM120N0BRZ-RL7 - Analog Devices Inc..New Original in Stock. Download Linear Technology ADUM120N0BRZ-RL7 datasheet/specifications on AllelcoElec.com.  
Request a quote for ADUM120N0BRZ-RL7, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ADUM120N0BRZ-RL7 Tech Specifications  
ADUM120N0BRZ-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	1.7V ~ 5.5V	Operating Temperature	-40°C ~ 125°C
Voltage - Isolation	3000Vrms	Number of Channels	2
Type	General Purpose	Mounting Type	Surface Mount
Technology	Magnetic Coupling	Isolated Power	No
Supplier Device Package	8-SOIC	Inputs - Side 1/Side 2	2/0
Series	iCoupler®	Data Rate	150Mbps
Rise / Fall Time (Typ)	2.5ns, 2.5ns	Common Mode Transient Immunity (Min)	75kV/µs
Pulse Width Distortion (Max)	3ns	Channel Type	Unidirectional
Propagation Delay tpLH / tpHL (Max)	13ns, 13ns	Base Product Number	ADUM120
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. ADUM120N0BRZ-RL7

Product Attribute				
Part Number	ADUM120N0BRZ-RL7	ADUM121N1WBRZ	ADUM121N0BRZ-RL7	ADUM1201WSRZ55-RL7
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Channel Type	Unidirectional	Unidirectional	Unidirectional	Unidirectional
Rise / Fall Time (Typ)	2.5ns, 2.5ns	2.5ns, 2.5ns	2.5ns, 2.5ns	10ns, 10ns
Common Mode Transient Immunity (Min)	75kV/µs	75kV/µs	75kV/µs	25kV/µs
Technology	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling
Number of Channels	2	2	2	2
Propagation Delay tpLH / tpHL (Max)	13ns, 13ns	13ns, 13ns	13ns, 13ns	150ns, 150ns
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	8-SOIC
Series	iCoupler®	Automotive	iCoupler®	iCoupler®
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - Isolation	3000Vrms	3000Vrms	3000Vrms	2500Vrms
Base Product Number	ADUM120	ADUM121	ADUM121	ADUM1201
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Voltage - Supply	1.7V ~ 5.5V	1.7V ~ 5.5V	1.7V ~ 5.5V	2.7V ~ 5.5V
Inputs - Side 1/Side 2	2/0	1/1	1/1	1/1
Pulse Width Distortion (Max)	3ns	3ns	3ns	40ns
Type	General Purpose	General Purpose	General Purpose	General Purpose
Isolated Power	No	No	No	No
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)
Data Rate	150Mbps	150Mbps	150Mbps	1Mbps
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

### ADUM120N0BRZ-RL7 Datasheet PDF

Download ADUM120N0BRZ-RL7 pdf datasheets and Analog Devices Inc. documentation for ADUM120N0BRZ-RL7 - Analog Devices Inc..

#### Datasheets

[Cylindrical Battery Holders.pdf](#)

#### Other Related Documents

 Tape and Reel Packaging.pdf

## HTML Datasheet

 Cylindrical Battery Holders.pdf

## Customers Also Interested in

### Recommended Products



#### ADUM121N1WBRZ

Analog Devices Inc.  
DGTL ISO 3000VRMS 2CH GP 8SOIC



#### ADUM121N0BRZ-RL7

Analog Devices Inc.  
DGTL ISO 3000VRMS 2CH GP 8SOIC



#### ADUM1201WSRZ55-RL7

Analog Devices Inc.  
DGTL ISO 2500VRMS 2CH GP 8SOIC



#### ADUM1201WSRZ

Analog Devices Inc.  
DGTL ISO 2500VRMS 2CH GP 8SOIC



#### ADUM1201WTRZ-RL7

Analog Devices Inc.  
DGTL ISO 2500VRMS 2CH GP 8SOIC



#### ADUM1220BRWZ

Analog Devices Inc.  
ISOLATED HALF-BRIDGE DRIVER



#### ADUM1201CRZ-RL7

Analog Devices Inc.  
DGTL ISO 2500VRMS 2CH GP 8SOIC



#### ADUM1201WSRZ-RL7

Analog Devices Inc.  
DGTL ISO 2500VRMS 2CH GP 8SOIC



#### ADUM1201WTRZ

Analog Devices Inc.  
DGTL ISO 2500VRMS 2CH GP 8SOIC



#### ADUM1201CRZ

Analog Devices Inc.  
DGTL ISO 2500VRMS 2CH GP 8SOIC



#### ADUM121N1BRZ-RL7

Analog Devices Inc.  
DGTL ISO 3000VRMS 2CH GP 8SOIC



#### ADUM1201WURZ-RL7

Analog Devices Inc.  
DGTL ISO 2500VRMS 2CH GP 8SOIC



#### ADUM121N0BRZ

Analog Devices Inc.  
DGTL ISO 3000VRMS 2CH GP 8SOIC



#### ADUM121N1WBRZ-RL7

Analog Devices Inc.  
DGTL ISO 3000VRMS 2CH GP 8SOIC



#### ADUM120N1BRZ-RL7

Analog Devices Inc.  
DGTL ISO 3000VRMS 2CH GP 8SOIC



#### ADUM120N1BRZ

Analog Devices Inc.  
DGTL ISO 3000VRMS 2CH GP 8SOIC



#### ADUM121N1BRZ

Analog Devices Inc.  
DGTL ISO 3000VRMS 2CH GP 8SOIC



#### ADUM1210BRZ

Analog Devices Inc.  
DGTL ISO 2500VRMS 2CH 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 -



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



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