



Image may be representation.
See specifications for product details.



ADUM120N1BRZ

Manufacturer Part Number	ADUM120N1BRZ
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADUM120N1BRZ
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DGTL ISO 3000VRMS 2CH GP 8SOIC
Package	8-SOIC (0.154', 3.90mm Width)
Data sheet	Cylindrical Battery Holders.pdf Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ADUM120N1BRZ - Analog Devices Inc..New Original in Stock. Download Linear Technology ADUM120N1BRZ datasheet/specifications on AllelcoElec.com.
Request a quote for ADUM120N1BRZ, please send us email: info@allelco.com

Specifications

ADUM120N1BRZ Tech Specifications

ADUM120N1BRZ - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Package	Tube
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. ADUM120N1BRZ

Product Attribute				
Part Number	ADUM120N1BRZ	ADUM1201WSRZ	ADUM1201CRZ-RL7	ADUM120N1BRZ-RL7
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Rise / Fall Time (Typ)	2.5ns, 2.5ns	10ns, 10ns	2.5ns, 2.5ns	2.5ns, 2.5ns
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
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)
Voltage - Isolation	3000Vrms	2500Vrms	2500Vrms	3000Vrms
Number of Channels	2	2	2	2
Series	iCoupler®	Automotive	iCoupler®	iCoupler®
Inputs - Side 1/Side 2	2/0	1/1	1/1	2/0
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	8-SOIC
Isolated Power	No	No	No	No
Channel Type	Unidirectional	Unidirectional	Unidirectional	Unidirectional
Common Mode Transient Immunity (Min)	75kV/μs	25kV/μs	25kV/μs	75kV/μs
Voltage - Supply	1.7V ~ 5.5V	3V ~ 5.5V	2.7V ~ 5.5V	1.7V ~ 5.5V
Technology	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling
Base Product Number	ADUM120	ADUM1201	ADUM1201	ADUM120
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 105°C	-40°C ~ 125°C
Package	Tube	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Propagation Delay tpLH / tpHL (Max)	13ns, 13ns	150ns, 150ns	45ns, 45ns	13ns, 13ns
Type	General Purpose	General Purpose	General Purpose	General Purpose
Data Rate	150Mbps	1Mbps	25Mbps	150Mbps
Pulse Width Distortion (Max)	3ns	40ns	3ns	3ns

ADUM120N1BRZ Datasheet PDF

Download ADUM120N1BRZ pdf datasheets and Analog Devices Inc. documentation for ADUM120N1BRZ - Analog Devices Inc..

Datasheets

Cylindrical Battery Holders.pdf

HTML Datasheet



Customers Also Interested in

Recommended Products

**ADUM1201WSRZ**Analog Devices Inc.
DGTL ISO 2500VRMS 2CH GP 8SOIC**ADUM1201CRZ-RL7**Analog Devices Inc.
DGTL ISO 2500VRMS 2CH GP 8SOIC**ADUM120N1BRZ-RL7**Analog Devices Inc.
DGTL ISO 3000VRMS 2CH GP 8SOIC**ADUM1201WTRZ**Analog Devices Inc.
DGTL ISO 2500VRMS 2CH GP 8SOIC**ADUM1201WTRZ-RL7**Analog Devices Inc.
DGTL ISO 2500VRMS 2CH GP 8SOIC**ADUM121N0BRZ-RL7**Analog Devices Inc.
DGTL ISO 3000VRMS 2CH GP 8SOIC**ADUM120N0BRZ-RL7**Analog Devices Inc.
DGTL ISO 3000VRMS 2CH GP 8SOIC**ADUM1201CRZ**Analog Devices Inc.
DGTL ISO 2500VRMS 2CH GP 8SOIC**ADUM1210BRZ**Analog Devices Inc.
DGTL ISO 2500VRMS 2CH GP 8SOIC**ADUM121N1BRZ**Analog Devices Inc.
DGTL ISO 3000VRMS 2CH GP 8SOIC**ADUM1220BRWZ**Analog Devices Inc.
ISOLATED HALF-BRIDGE DRIVER**ADUM121N0BRZ**Analog Devices Inc.
DGTL ISO 3000VRMS 2CH GP 8SOIC**ADUM1201WSRZ-RL7**Analog Devices Inc.
DGTL ISO 2500VRMS 2CH GP 8SOIC**ADUM1201WSRZ55-RL7**Analog Devices Inc.
DGTL ISO 2500VRMS 2CH GP 8SOIC**ADUM121N1WBRZ**Analog Devices Inc.
DGTL ISO 3000VRMS 2CH GP 8SOIC**ADUM1201WURZ-RL7**Analog Devices Inc.
DGTL ISO 2500VRMS 2CH GP 8SOIC**ADUM121N1WBRZ-RL7**Analog Devices Inc.
DGTL ISO 3000VRMS 2CH GP 8SOIC**ADUM121N1BRZ-RL7**Analog Devices Inc.
DGTL ISO 3000VRMS 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 Alleco 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@alleco.com

Certifications & Memberships



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Contact us

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