

Image may be representation.
See specifications for product details.



ADUM151N1BRZ

Manufacturer Part Number	ADUM151N1BRZ
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADUM151N1BRZ
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DGTL ISO 3000VRMS 5CH GP 16SOIC
Package	16-SOIC (0.154", 3.90mm Width)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ADUM151N1BRZ - Analog Devices Inc..New Original in Stock. Download Linear Technology ADUM151N1BRZ datasheet/specifications on AllelcoElec.com.
Request a quote for ADUM151N1BRZ, please send us email: info@allelco.com

Specifications

ADUM151N1BRZ Tech Specifications
ADUM151N1BRZ - 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	5
Type	General Purpose	Mounting Type	Surface Mount
Technology	Magnetic Coupling	Isolated Power	No
Supplier Device Package	16-SOIC	Inputs - Side 1/Side 2	4/1
Series	iCoupler®	Data Rate	150Mbps
Rise / Fall Time (Typ)	2.5ns, 2.5ns	Common Mode Transient Immunity (Min)	75kV/μs
Pulse Width Distortion (Max)	4.5ns	Channel Type	Unidirectional
Propagation Delay tpLH / tpHL (Max)	13ns, 13ns	Base Product Number	ADUM151
Package / Case	16-SOIC (0.154", 3.90mm Width)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADUM151N1BRZ

Product Attribute				
Part Number	ADUM151N1BRZ	ADUM160N0BRZ-RL7	ADUM163N1BRZ-RL7	ADUM160N0BRZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Channel Type	Unidirectional	Unidirectional	Unidirectional	Unidirectional
Base Product Number	ADUM151	ADUM160	ADUM163	ADUM160
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Rise / Fall Time (Typ)	2.5ns, 2.5ns	2.5ns, 2.5ns	2.5ns, 2.5ns	2.5ns, 2.5ns
Supplier Device Package	16-SOIC	16-SOIC	16-SOIC	16-SOIC
Voltage - Supply	1.7V ~ 5.5V	1.7V ~ 5.5V	1.7V ~ 5.5V	1.7V ~ 5.5V
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Type	General Purpose	General Purpose	General Purpose	General Purpose
Voltage - Isolation	3000Vrms	3000Vrms	3000Vrms	3000Vrms
Data Rate	150Mbps	150Mbps	150Mbps	150Mbps
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Isolated Power	No	No	No	No
Series	iCoupler®	-	-	-
Number of Channels	5	6	6	6
Inputs - Side 1/Side 2	4/1	6/0	3/3	6/0
Technology	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling
Pulse Width Distortion (Max)	4.5ns	4.5ns	4.5ns	4.5ns
Common Mode Transient Immunity (Min)	75kV/μs	75kV/μs	75kV/μs	75kV/μs
Propagation Delay tpLH / tpHL (Max)	13ns, 13ns	13ns, 13ns	13ns, 13ns	13ns, 13ns
Package / Case	16-SOIC (0.154", 3.90mm Width)	16-SOIC (0.154", 3.90mm Width)	16-SOIC (0.154", 3.90mm Width)	16-SOIC (0.154", 3.90mm Width)

ADUM151N1BRZ Datasheet PDF



















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Datasheets

Cylindrical Battery Holders.pdf

Customers Also Interested in

Recommended Products

 ADUM160N0BRZ-RL7 Analog Devices Inc. DGTL ISO 3000VRMS 6CH GP 16SOIC	 ADUM163N1BRZ-RL7 Analog Devices Inc. DGTL ISO 3000VRMS 6CH GP 16SOIC	 ADUM160N0BRZ Analog Devices Inc. DGTL ISO 3000VRMS 6CH GP 16SOIC	 ADUM2200ARWZ-RL Analog Devices Inc. DGTL ISO 5000VRMS 2CH GP 16SOIC	 ADUM1442ARQZ Analog Devices Inc. DGTL ISO 2500VRMS 4CH GP 16QSOP	 ADUM162N0BRZ-RL7 Analog Devices Inc. DGTL ISO 3000VRMS 6CH GP 16SOIC
 ADUM162N0BRZ Analog Devices Inc. DGTL ISO 3000VRMS 6CH GP 16SOIC	 ADUM1510BRWZ-RL Analog Devices Inc. DGTL ISO 2500VRMS 5CH GP 16SOIC	 ADUM1441ARSZ Analog Devices Inc. DGTL ISO 3750VRMS 4CH GP 20SSOP	 ADUM1446ARQZ Analog Devices Inc. DGTL ISO 2500VRMS 4CH GP 16QSOP	 ADUM1510BRWZ Analog Devices Inc. DGTL ISO 2500VRMS 5CH GP 16SOIC	 ADUM161N0BRZ-RL7 Analog Devices Inc. DGTL ISO 3000VRMS 6CH GP 16SOIC
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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.



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