



Image may be representation.
See specifications for product details.



ADUM231E1BRWZ

Manufacturer Part Number	ADUM231E1BRWZ
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADUM231E1BRWZ
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DGTL ISO 5000VRMS 3CH GP 16SOIC
Package	16-SOIC (0.295", 7.50mm Width)
Data sheet	ADuM230-31D/E.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ADUM231E1BRWZ - Analog Devices Inc..New Original in Stock. Download Linear Technology ADUM231E1BRWZ datasheet/specifications on AllelcoElec.com.
Request a quote for ADUM231E1BRWZ, please send us email: info@allelco.com

Specifications

ADUM231E1BRWZ Tech Specifications
ADUM231E1BRWZ - 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	5000Vrms	Number of Channels	3
Type	General Purpose	Mounting Type	Surface Mount
Technology	Magnetic Coupling	Isolated Power	No
Supplier Device Package	16-SOIC	Inputs - Side 1/Side 2	2/1
Series	iCoupler®	Data Rate	150Mbps
Rise / Fall Time (Typ)	2.5ns, 2.5ns	Common Mode Transient Immunity (Min)	75kV/μs
Pulse Width Distortion (Max)	3ns	Channel Type	Unidirectional
Propagation Delay tpLH / tpHL (Max)	13ns, 13ns	Base Product Number	ADUM231
Package / Case	16-SOIC (0.295", 7.50mm Width)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADUM231E1BRWZ

Product Attribute				
Part Number	ADUM231E1BRWZ	ADUM230E1BRWZ	ADUM2400CRWZ	ADUM231E1BRWZ-RL
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Base Product Number	ADUM231	ADUM230	ADUM2400	ADUM231
Number of Channels	3	3	4	3
Package / Case	16-SOIC (0.295", 7.50mm Width)	16-SOIC (0.295", 7.50mm Width)	16-SOIC (0.295", 7.50mm Width)	16-SOIC (0.295", 7.50mm Width)
Data Rate	150Mbps	150Mbps	90Mbps	150Mbps
Voltage - Supply	1.7V ~ 5.5V	1.7V ~ 5.5V	2.7V ~ 5.5V	1.7V ~ 5.5V
Rise / Fall Time (Typ)	2.5ns, 2.5ns	2.5ns, 2.5ns	2.5ns, 2.5ns	2.5ns, 2.5ns
Pulse Width Distortion (Max)	3ns	3ns	2ns	3ns
Supplier Device Package	16-SOIC	16-SOIC	16-SOIC	16-SOIC
Voltage - Isolation	5000Vrms	5000Vrms	5000Vrms	5000Vrms
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 105°C	-40°C ~ 125°C
Isolated Power	No	No	No	No
Common Mode Transient Immunity (Min)	75kV/μs	75kV/μs	25kV/μs	75kV/μs
Package	Tube	Tube	Tube	Tape & Reel (TR)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Type	General Purpose	General Purpose	General Purpose	General Purpose
Technology	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling
Channel Type	Unidirectional	Unidirectional	Unidirectional	Unidirectional
Propagation Delay tpLH / tpHL (Max)	13ns, 13ns	13ns, 13ns	32ns, 32ns	13ns, 13ns
Series	iCoupler®	iCoupler®	iCoupler®	iCoupler®
Inputs - Side 1/Side 2	2/1	3/0	4/0	2/1

ADUM231E1BRWZ Datasheet PDF



















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Datasheets

[ADuM230-31D/E.pdf](#)

Customers Also Interested in

Recommended Products

					
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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 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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Contact us if you have any questions.

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