

Image may be representation.  
See specifications for product details.



## ADUM141E0BRQZ-RL7

Manufacturer Part Number	<b>ADUM141E0BRQZ-RL7</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-ADUM141E0BRQZ-RL7
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DGTL ISO 3000VRMS 4CH GP 16QSOP
Package	16-SSOP (0.154", 3.90mm Width)
Data sheet	<b>ADuM140-42D,E.pdf</b> <b>ADuM140-42D,E.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

ADUM141E0BRQZ-RL7 - Analog Devices Inc..New Original in Stock. Download Linear Technology ADUM141E0BRQZ-RL7 datasheet/specifications on AllelcoElec.com. Request a quote for ADUM141E0BRQZ-RL7, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ADUM141E0BRQZ-RL7 Tech Specifications  
ADUM141E0BRQZ-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	4
Type	General Purpose	Mounting Type	Surface Mount
Technology	Magnetic Coupling	Isolated Power	No
Supplier Device Package	16-QSOP	Inputs - Side 1/Side 2	3/1
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	ADUM141
Package / Case	16-SSOP (0.154", 3.90mm Width)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADUM141E0BRQZ-RL7

Product Attribute				
Part Number	ADUM141E0BRQZ-RL7	ADUM141E1BRWZ	ADUM1412ARWZ	ADUM141D0BRQZ-RL7
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Base Product Number	ADUM141	ADUM141	ADUM1412	ADUM141
Supplier Device Package	16-QSOP	16-SOIC	16-SOIC	16-QSOP
Voltage - Isolation	3000Vrms	3750Vrms	3750Vrms	3000Vrms
Common Mode Transient Immunity (Min)	75kV/µs	75kV/µs	25kV/µs	75kV/µs
Series	iCoupler®	iCoupler®	iCoupler®	iCoupler®
Type	General Purpose	General Purpose	General Purpose	General Purpose
Channel Type	Unidirectional	Unidirectional	Unidirectional	Unidirectional
Package / Case	16-SSOP (0.154", 3.90mm Width)	16-SOIC (0.295", 7.50mm Width)	16-SOIC (0.295", 7.50mm Width)	16-SSOP (0.154", 3.90mm Width)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Inputs - Side 1/Side 2	3/1	3/1	2/2	3/1
Pulse Width Distortion (Max)	3ns	3ns	40ns	3ns
Propagation Delay tpLH / tpHL (Max)	13ns, 13ns	13ns, 13ns	100ns, 100ns	13ns, 13ns
Data Rate	150Mbps	150Mbps	1Mbps	150Mbps
Technology	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling
Isolated Power	No	No	No	No
Voltage - Supply	1.7V ~ 5.5V	1.7V ~ 5.5V	2.7V ~ 5.5V	1.7V ~ 5.5V
Package	Tape & Reel (TR)	Tube	Tube	Tape & Reel (TR)
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 105°C	-40°C ~ 125°C
Number of Channels	4	4	4	4
Rise / Fall Time (Typ)	2.5ns, 2.5ns	2.5ns, 2.5ns	2.5ns, 2.5ns	2.5ns, 2.5ns

### ADUM141E0BRQZ-RL7 Datasheet PDF

Download ADUM141E0BRQZ-RL7 pdf datasheets and Analog Devices Inc. documentation for ADUM141E0BRQZ-RL7 - Analog Devices Inc..

#### Datasheets

[ADuM140-42D,E.pdf](#)



















#### Other Related Documents

HTML Datasheet

ADuM140-42D,E.pdf

Customers Also Interested in

Recommended Products

 <b>ADUM141E1BRWZ</b> Analog Devices Inc. DGTL ISO 3750VRMS 4CH GP 16SOIC	 <b>ADUM1412ARWZ</b> Analog Devices Inc. DGTL ISO 3750VRMS 4CH GP 16SOIC	 <b>ADUM141D0BRQZ-RL7</b> Analog Devices Inc. DGTL ISO 3000VRMS 4CH GP 16QSOP	 <b>ADUM141E1WBRWZ</b> Analog Devices Inc. DGTL ISO 3750VRMS 4CH GP 16SOIC	 <b>ADUM141E1BRZ</b> Analog Devices Inc. DGTL ISO 3000VRMS 4CH GP 16SOIC	 <b>ADUM141D1BRWZ</b> Analog Devices Inc. DGTL ISO 3750VRMS 4CH GP 16SOIC
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 <b>ADUM1411BRWZ</b> Analog Devices Inc. DGTL ISO 3750VRMS 4CH GP 16SOIC	 <b>ADUM141E0BRZ</b> Analog Devices Inc. DGTL ISO 3000VRMS 4CH GP 16SOIC	 <b>ADUM141E0BRWZ</b> Analog Devices Inc. DGTL ISO 3750VRMS 4CH GP 16SOIC	 <b>ADUM1412BRWZ</b> Analog Devices Inc. DGTL ISO 3750VRMS 4CH GP 16SOIC	 <b>ADUM141E1WBRWZ-RL</b> Analog Devices Inc. DGTL ISO 3750VRMS 4CH GP 16SOIC	 <b>ADUM1412BRWZ-RL</b> Analog Devices Inc. DGTL ISO 3750VRMS 4CH GP 16SOIC

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
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Contact us if you have any questions.

 Phone +00852 9146 4856	 Email info@allelco.com
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Certifications & Memberships



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Contact us

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