

Image may be representation.
See specifications for product details.



ADUM140D0BRZ

Manufacturer Part Number	ADUM140D0BRZ
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADUM140D0BRZ
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DGTL ISO 3750VRMS 4CH GP 16SOIC
Package	16-SOIC (0.154", 3.90mm Width)
Data sheet	ADuM140-42D,E.pdf ADuM140-42D,E.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ADUM140D0BRZ - Analog Devices Inc..New Original in Stock. Download Linear Technology ADUM140D0BRZ datasheet/specifications on AllelcoElec.com.
Request a quote for ADUM140D0BRZ, please send us email: info@allelco.com

Specifications

ADUM140D0BRZ Tech Specifications

ADUM140D0BRZ - 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	3750Vrms	Number of Channels	4
Type	General Purpose	Mounting Type	Surface Mount
Technology	Magnetic Coupling	Isolated Power	No
Supplier Device Package	16-SOIC	Inputs - Side 1/Side 2	4/0
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	ADUM140
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. ADUM140D0BRZ

Product Attribute				
Part Number	ADUM140D0BRZ	ADUM140E0BRWZ-RL	ADUM140E1BRWZ	ADUM140E1BRZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Propagation Delay tpLH / tpHL (Max)	13ns, 13ns	13ns, 13ns	13ns, 13ns	13ns, 13ns
Supplier Device Package	16-SOIC	16-SOIC	16-SOIC	16-SOIC
Channel Type	Unidirectional	Unidirectional	Unidirectional	Unidirectional
Voltage - Supply	1.7V ~ 5.5V	1.7V ~ 5.5V	1.7V ~ 5.5V	1.7V ~ 5.5V
Voltage - Isolation	3750Vrms	3750Vrms	3750Vrms	3000Vrms
Data Rate	150Mbps	150Mbps	150Mbps	150Mbps
Number of Channels	4	4	4	4
Isolated Power	No	No	No	No
Pulse Width Distortion (Max)	3ns	3ns	3ns	3ns
Series	iCoupler®	iCoupler®	iCoupler®	iCoupler®
Technology	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling
Type	General Purpose	General Purpose	General Purpose	General Purpose
Common Mode Transient Immunity (Min)	75kV/µs	75kV/µs	75kV/µs	75kV/µs
Package	Tube	Tape & Reel (TR)	Tube	Tube
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	16-SOIC (0.154", 3.90mm Width)	16-SOIC (0.295", 7.50mm Width)	16-SOIC (0.295", 7.50mm Width)	16-SOIC (0.154", 3.90mm Width)
Rise / Fall Time (Typ)	2.5ns, 2.5ns	2.5ns, 2.5ns	2.5ns, 2.5ns	2.5ns, 2.5ns
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Base Product Number	ADUM140	ADUM140	ADUM140	ADUM140
Inputs - Side 1/Side 2	4/0	4/0	4/0	4/0

ADUM140D0BRZ Datasheet PDF

Download ADUM140D0BRZ pdf datasheets and Analog Devices Inc. documentation for ADUM140D0BRZ - Analog Devices Inc..

Datasheets



















ADuM140-42D,E.pdf

Other Related Documents

HTML Datasheet

Customers Also Interested in

Recommended Products

 ADUM140E0BRWZ-RL Analog Devices Inc. DGTL ISO 3750VRMS 4CH GP 16SOIC	 ADUM140E1BRWZ Analog Devices Inc. DGTL ISO 3750VRMS 4CH GP 16SOIC	 ADUM140E1BRZ Analog Devices Inc. DGTL ISO 3000VRMS 4CH GP 16SOIC	 ADUM140D1BRQZ Analog Devices Inc. DGTL ISO 3000VRMS 4CH GP 16QSOP	 ADUM1402WTRWZ Analog Devices Inc. DGTL ISO 2500VRMS 4CH GP 16SOIC	 ADUM1402WSRWZ-RL Analog Devices Inc. DGTL ISO 2500VRMS 4CH GP 16SOIC
 ADUM140E0BRZ-RL7 Analog Devices Inc. DGTL ISO 3000VRMS 4CH GP 16SOIC	 ADUM140D1BRWZ Analog Devices Inc. DGTL ISO 3750VRMS 4CH GP 16SOIC	 ADUM1402WSRWZ Analog Devices Inc. DGTL ISO 2500VRMS 4CH GP 16SOIC	 ADUM1402CRWZ Analog Devices Inc. DGTL ISO 2500VRMS 4CH GP 16SOIC	 ADUM140E0BRQZ Analog Devices Inc. DGTL ISO 3000VRMS 4CH GP 16QSOP	 ADUM140E1BRQZ Analog Devices Inc. DGTL ISO 3000VRMS 4CH GP 16QSOP
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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.



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.

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Certifications & Memberships



View More

Contact us

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