



Image may be representation.
See specifications for product details.



ADUM242D1BRWZ

Manufacturer Part Number	ADUM242D1BRWZ
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADUM242D1BRWZ
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DGTL ISO 5000VRMS 4CH GP 16SOIC
Package	16-SOIC (0.295", 7.50mm Width)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ADUM242D1BRWZ - Analog Devices Inc..New Original in Stock. Download Linear Technology ADUM242D1BRWZ datasheet/specifications on AllelcoElec.com.
Request a quote for ADUM242D1BRWZ, please send us email: info@allelco.com

Specifications

ADUM242D1BRWZ Tech Specifications
ADUM242D1BRWZ - 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	4
Type	General Purpose	Mounting Type	Surface Mount
Technology	Magnetic Coupling	Isolated Power	No
Supplier Device Package	16-SOIC	Inputs - Side 1/Side 2	2/2
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	ADUM242
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. ADUM242D1BRWZ

Product Attribute				
Part Number	ADUM242D1BRWZ	ADUM242E1BRWZ	ADUM2402CRWZ	ADUM240E0BRIZ-RL
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Supplier Device Package	16-SOIC	16-SOIC	16-SOIC	16-SOIC
Voltage - Isolation	5000Vrms	5000Vrms	5000Vrms	5000Vrms
Pulse Width Distortion (Max)	3ns	3ns	2ns	3ns
Propagation Delay tpLH / tpHL (Max)	13ns, 13ns	13ns, 13ns	32ns, 32ns	13ns, 13ns
Rise / Fall Time (Typ)	2.5ns, 2.5ns	2.5ns, 2.5ns	2.5ns, 2.5ns	2.5ns, 2.5ns
Technology	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling
Inputs - Side 1/Side 2	2/2	2/2	2/2	4/0
Base Product Number	ADUM242	ADUM242	ADUM2402	ADUM240
Channel Type	Unidirectional	Unidirectional	Unidirectional	Unidirectional
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 105°C	-40°C ~ 125°C
Data Rate	150Mbps	150Mbps	90Mbps	150Mbps
Common Mode Transient Immunity (Min)	75kV/μs	75kV/μs	25kV/μs	75kV/μs
Package	Tube	Tube	Tube	Tape & Reel (TR)
Type	General Purpose	General Purpose	General Purpose	General Purpose
Number of Channels	4	4	4	4
Series	iCoupler®	iCoupler®	iCoupler®	iCoupler®
Isolated Power	No	No	No	No
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
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)
Voltage - Supply	1.7V ~ 5.5V	1.7V ~ 5.5V	2.7V ~ 5.5V	1.7V ~ 5.5V

ADUM242D1BRWZ Datasheet PDF

Download ADUM242D1BRWZ pdf datasheets and Analog Devices Inc. documentation for ADUM242D1BRWZ - Analog Devices Inc..

Datasheets

[Cylindrical Battery Holders.pdf](#)

Customers Also Interested in

Recommended Products



ADUM242E1BRWZ

Analog Devices Inc.
DGTL ISO 5000VRMS 4CH GP 16SOIC



ADUM2402CRWZ

Analog Devices Inc.
DGTL ISO 5000VRMS 4CH GP 16SOIC



ADUM240E0BRIZ-RL

Analog Devices Inc.
DGTL ISO 5000VRMS 4CH GP 16SOIC



ADUM241E1BRWZ

Analog Devices Inc.
DGTL ISO 5000VRMS 4CH GP 16SOIC



ADUM242E0BRWZ-RL

Analog Devices Inc.
DGTL ISO 5000VRMS 4CH GP 16SOIC



ADUM241E1BRWZ-RL

Analog Devices Inc.
DGTL ISO 5000VRMS 4CH GP 16SOIC



ADUM240E0BRIZ

Analog Devices Inc.
DGTL ISO 5000VRMS 4CH GP 16SOIC



ADUM263N1BRIZ

Analog Devices Inc.
DGTL ISO 5000VRMS 6CH GP 16SOIC



ADUM263N1BRIZ-RL

Analog Devices Inc.
DGTL ISO 5000VRMS 6CH GP 16SOIC



ADUM263N0BRIZ-RL

Analog Devices Inc.
DGTL ISO 5000VRMS 6CH GP 16SOIC



ADUM2402CRWZ-RL

Analog Devices Inc.
DGTL ISO 5000VRMS 4CH GP 16SOIC



ADUM241D1BRWZ

Analog Devices Inc.
DGTL ISO 5000VRMS 4CH GP 16SOIC



ADUM3070ARQZ

Analog Devices Inc.
IC REG PSH-PULL ADJ 350MA
16QSOP



ADUM262N0BRIZ-RL

Analog Devices Inc.
DGTL ISO 5000VRMS 6CH GP 16SOIC



ADUM240E1BRWZ

Analog Devices Inc.
DGTL ISO 5000VRMS 4CH GP 16SOIC



ADUM262N1BRIZ-RL

Analog Devices Inc.
DGTL ISO 5000VRMS 6CH GP 16SOIC



ADUM262N0BRIZ

Analog Devices Inc.
DGTL ISO 5000VRMS 6CH GP 16SOIC



ADUM241E0BRWZ-RL

Analog Devices Inc.
DGTL ISO 5000VRMS 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

Contact us if you have any questions.



Phone
+00852 9146 4856



Email
info@allelco.com

Certifications & Memberships



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