



Image may be representation.  
See specifications for product details.



## ADM2481BRWZ-RL7

Manufacturer Part Number	<b>ADM2481BRWZ-RL7</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-ADM2481BRWZ-RL7
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DGT ISO 2.5KV RS422/RS485 16SOIC
Package	16-SOIC (0.295", 7.50mm Width)
Data sheet	<b>ADM2481.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

ADM2481BRWZ-RL7 - Analog Devices Inc..New Original in Stock. Download Linear Technology ADM2481BRWZ-RL7 datasheet/specifications on AllelcoElec.com. Request a quote for ADM2481BRWZ-RL7, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ADM2481BRWZ-RL7 Tech Specifications  
ADM2481BRWZ-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	3.3V ~ 5V	Operating Temperature	-40°C ~ 85°C
Voltage - Isolation	2500Vrms	Number of Channels	3
Type	RS422, RS485	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	500kbps
Rise / Fall Time (Typ)	600ns, 600ns (Max)	Common Mode Transient Immunity (Min)	25kV/µs
Pulse Width Distortion (Max)	-	Channel Type	Bidirectional
Propagation Delay tpLH / tpHL (Max)	-	Base Product Number	ADM2481
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. ADM2481BRWZ-RL7

Product Attribute				
Part Number	ADM2481BRWZ-RL7	ADM2483BRWZ-REEL	ADM2482EBRWZ-REEL7	ADM2483BRWZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Series	iCoupler®	iCoupler®	iCoupler®	iCoupler®
Inputs - Side 1/Side 2	2/1	2/1	2/1	2/1
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Number of Channels	3	3	3	3
Pulse Width Distortion (Max)	-	-	-	-
Base Product Number	ADM2481	ADM2483	ADM2482	ADM2483
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)
Technology	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling
Supplier Device Package	16-SOIC	16-SOIC	16-SOIC	16-SOIC
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Type	RS422, RS485	RS422, RS485	RS422, RS485	RS422, RS485
Isolated Power	No	No	No	No
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Propagation Delay tpLH / tpHL (Max)	-	-	-	-
Voltage - Supply	3.3V ~ 5V	3V, 5V	3.3V, 5V	3V, 5V
Voltage - Isolation	2500Vrms	2500Vrms	2500Vrms	2500Vrms
Rise / Fall Time (Typ)	600ns, 600ns (Max)	600ns, 600ns (Max)	15ns, 15ns (Max)	600ns, 600ns (Max)
Data Rate	500kbps	500kbps	16Mbps	500kbps
Channel Type	Bidirectional	Bidirectional	Unidirectional	Bidirectional
Common Mode Transient Immunity (Min)	25kV/µs	25kV/µs	25kV/µs	25kV/µs

### ADM2481BRWZ-RL7 Datasheet PDF

Download ADM2481BRWZ-RL7 pdf datasheets and Analog Devices Inc. documentation for ADM2481BRWZ-RL7 - Analog Devices Inc..

#### Datasheets

ADM2481.pdf

#### Other Related Documents

Tape and Reel Packaging.pdf

## PCN Assembly/Origin

 Alt Assembly Site Rev/Add 15/Dec/2015.pdf

## PCN Design/Specification

 Poly Mask Change 15/Aug/2013.pdf

## Customers Also Interested in

### Recommended Products



#### ADM2483BRWZ-REEL

Analog Devices Inc.  
DGT ISO 2.5KV RS422/RS485  
16SOIC



#### ADM241LJRS-REEL

Analog Devices Inc.  
IC TXRX RS-232 4:5 5V LP 28SSOP



#### ADM2482EBRWZ-REEL7

Analog Devices Inc.  
DGT ISO 2.5KV RS422/RS485  
16SOIC



#### ADM2483BRWZ-REE

ADI (Analog Devices, Inc.)



#### ADM2463EBRWZ

Analog Devices Inc.  
IC TRANSCEIVER FULL 1/1 16SOIC



#### ADM2483BRW-RL7

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#### ADM2483BRWZ

Analog Devices Inc.  
DGT ISO 2.5KV RS422/RS485  
16SOIC



#### ADM242AR

Analog Devices Inc.  
IC TRANSCEIVER FULL 2/2 18SOIC



#### ADM241LJRS

Analog Devices Inc.  
IC TRANSCEIVER FULL 4/5 28SSOP



#### ADM241LJR

Analog Devices Inc.  
IC TRANSCEIVER FULL 4/5 28SOIC



#### ADM2482EBRWZ

Analog Devices Inc.  
DGT ISO 2.5KV RS422/RS485  
16SOIC



#### ADM2483BRWZ-REELL

ADI (Analog Devices, Inc.)



#### ADM241LARS-REEL

Analog Devices Inc.  
IC TXRX RS-232 4:5 5V LP 28SSOP



#### ADM2463EBRWZ-RL7

Analog Devices Inc.  
IC TRANSCEIVER FULL 1/1 16SOIC



#### ADM2481BRWZ

Analog Devices Inc.  
DGT ISO 2.5KV RS422/RS485  
16SOIC



#### ADM2484EBRWZ

Analog Devices Inc.  
DGT ISO 5KV RS422/RS485 16SOIC



#### ADM241LJR-REEL

Analog Devices Inc.  
IC TXRX RS-232 4:5 5V LP 28SOIC



#### ADM2483BRWZ-RL7

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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

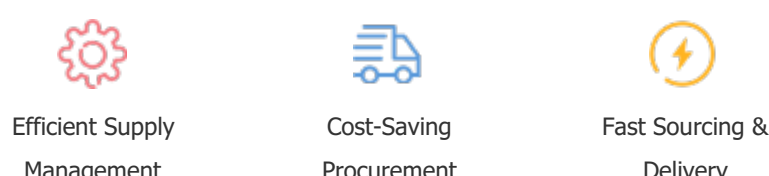
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

### 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 -



Contact us if you have any questions.



### Certifications & Memberships



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