



Image may be representation.  
See specifications for product details.



## ADM2491EBRWZ-REEL7

Manufacturer Part Number	<b>ADM2491EBRWZ-REEL7</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-ADM2491EBRWZ-REEL7
ECAD Model	Request Free CAD Models
Parts Description	DGTL ISO 5KV RS422/RS485 16SOIC
Package	16-SOIC (0.295", 7.50mm Width)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

ADM2491EBRWZ-REEL7 - Analog Devices Inc..New Original in Stock. Download Linear Technology ADM2491EBRWZ-REEL7 datasheet/specifications on AllelcoElec.com. Request a quote for ADM2491EBRWZ-REEL7, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ADM2491EBRWZ-REEL7 Tech Specifications  
ADM2491EBRWZ-REEL7 - 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	5000Vrms	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	16Mbps
Rise / Fall Time (Typ)	20ns, 20ns (Max)	Common Mode Transient Immunity (Min)	25kV/μs
Pulse Width Distortion (Max)	-	Channel Type	Unidirectional
Propagation Delay tpLH / tpHL (Max)	60ns, 60ns	Base Product Number	ADM2491
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. ADM2491EBRWZ-REEL7

Product Attribute				
Part Number	ADM2491EBRWZ-REEL7	ADM2487EBRWZ	ADM2582EBRWZ-REEL7	ADM2486BRWZ-REEL
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Number of Channels	3	3	3	3
Technology	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling
Voltage - Isolation	5000Vrms	2500Vrms	2500Vrms	2500Vrms
Series	iCoupler®	iCoupler®	IsoPower®, iCoupler®	iCoupler®
Package / Case	16-SOIC (0.295", 7.50mm Width)	16-SOIC (0.295", 7.50mm Width)	20-SOIC (0.295", 7.50mm Width)	16-SOIC (0.295", 7.50mm Width)
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Base Product Number	ADM2491	ADM2487	ADM2582	ADM2486
Data Rate	16Mbps	500kbps	16Mbps	20Mbps
Propagation Delay tpLH / tpHL (Max)	60ns, 60ns	-	-	55ns, 55ns
Isolated Power	No	No	Yes	No
Voltage - Supply	3.3V, 5V	3.3V, 5V	3.3V, 5V	3V, 5V
Channel Type	Unidirectional	Unidirectional	Unidirectional	Bidirectional
Supplier Device Package	16-SOIC	16-SOIC	20-SOIC	16-SOIC
Rise / Fall Time (Typ)	20ns, 20ns (Max)	1.1μs, 1.1μs (Max)	15ns, 15ns (Max)	5ns, 5ns
Inputs - Side 1/Side 2	2/1	2/1	2/1	2/1
Pulse Width Distortion (Max)	-	-	-	5ns
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Type	RS422, RS485	RS422, RS485	RS422, RS485	RS422, RS485
Common Mode Transient Immunity (Min)	25kV/μs	25kV/μs	25kV/μs	25kV/μs
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C

### ADM2491EBRWZ-REEL7 Datasheet PDF

Download ADM2491EBRWZ-REEL7 pdf datasheets and Analog Devices Inc. documentation for ADM2491EBRWZ-REEL7 - Analog Devices Inc..

#### Datasheets

[Cylindrical Battery Holders.pdf](#)

#### Other Related Documents

[Tape and Reel Packaging.pdf](#)



Wafer Fab Transfer 19/Feb/2015.pdf

## Customers Also Interested in

### Recommended Products



**ADM2561EBRNZ-RL7**

Analog Devices Inc.  
IC TXRX FULL/HALF 2/2 28SOIC



**ADM2561EBRNZ**

Analog Devices Inc.  
IC TXRX FULL/HALF 2/2 28SOIC



**ADM2487EBRWZ**

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



**ADM2582EBRWZ-REEL7**

Analog Devices Inc.  
DGT ISO 2.5KV RS422/RS485  
20SOIC



**ADM2486BRWZ-REEL**

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



**ADM2491EBRWZ**

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



**ADM2490EBRWZ-REEL7**

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



**ADM2582EBRWZ-REEL**

ADI (Analog Devices, Inc.)



**ADM2487EBRWZ-REEL7**

Analog Devices Inc.  
DGT ISO 2.5KV RS422/RS485  
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**ADM2587EBRWZ**

Analog Devices Inc.  
DGT ISO 2.5KV RS422/RS485  
20SOIC



**ADM2587EBRWZ-REEL**

ADI (Analog Devices, Inc.)



**ADM2491EBRWZ-REEL**

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**ADM2490EBRWZ**

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



**ADM2587EBRWZ-REEL7**

Analog Devices Inc.  
DGT ISO 2.5KV RS422/RS485  
20SOIC



**ADM250ND**

JPC



**ADM2490EBRWZ-REEL**

ADI (Analog Devices, Inc.)



**ADM2582EBRWZ**

Analog Devices Inc.  
DGT ISO 2.5KV RS422/RS485  
20SOIC



**ADM2486BRWZ**

Analog Devices Inc.  
DGT ISO 2.5KV RS422/RS485  
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

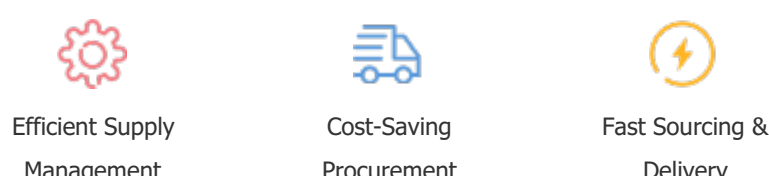
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### 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 -



Contact us if you have any questions.



### Certifications & Memberships



View More

### Contact us

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Email: info@Allelco.com