



Image may be representation.  
See specifications for product details.



## ADUM5402WCRWZ-1RL

|                          |  |
|--------------------------|--|
| Manufacturer Part Number | <b>ADUM5402WCRWZ-1RL</b>               |
| Manufacturer             | <b>Analog Devices, Inc.</b>            |
| Allelco Part Number      | 32D-ADUM5402WCRWZ-1RL                  |
| ECAD Model               | Request Free CAD Models                |
| Parts Description        | DGTL ISO 2500VRMS 4CH GP 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**

ADUM5402WCRWZ-1RL - Analog Devices Inc..New Original in Stock. Download Linear Technology ADUM5402WCRWZ-1RL datasheet/specifications on AllelcoElec.com.  
Request a quote for ADUM5402WCRWZ-1RL, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ADUM5402WCRWZ-1RL Tech Specifications

ADUM5402WCRWZ-1RL - 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                    | 3V ~ 5.5V                      | Operating Temperature                | -40°C ~ 105°C    |
| Voltage - Isolation                 | 2500Vrms                       | Number of Channels                   | 4                |
| Type                                | General Purpose                | Mounting Type                        | Surface Mount    |
| Technology                          | Magnetic Coupling              | Isolated Power                       | Yes              |
| Supplier Device Package             | 16-SOIC                        | Inputs - Side 1/Side 2               | 2/2              |
| Series                              | Automotive                     | Data Rate                            | 25Mbps           |
| Rise / Fall Time (Typ)              | 2.5ns, 2.5ns                   | Common Mode Transient Immunity (Min) | 25kV/μs          |
| Pulse Width Distortion (Max)        | 6ns                            | Channel Type                         | Unidirectional   |
| Propagation Delay tpLH / tpHL (Max) | 60ns, 60ns                     | Base Product Number                  | ADUM5402         |
| 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. ADUM5402WCRWZ-1RL

| Product Attribute                    |                                |                                |                      |                                |
|--------------------------------------|--------------------------------|--------------------------------|----------------------|--------------------------------|
| Part Number                          | ADUM5402WCRWZ-1RL              | <b>ADUM5404CRWZ</b>            | <b>ADUM5402WCRWZ</b> | <b>ADUM5411BRSZ</b>            |
| Manufacturer                         | Analog Devices Inc.            | Analog Devices Inc.            | Analog Devices Inc.  | Analog Devices Inc.            |
| Type                                 | General Purpose                | General Purpose                | -                    | General Purpose                |
| Package / Case                       | 16-SOIC (0.295", 7.50mm Width) | 16-SOIC (0.295", 7.50mm Width) | -                    | 24-SSOP (0.209", 5.30mm Width) |
| Inputs - Side 1/Side 2               | 2/2                            | 0/4                            | -                    | 3/1                            |
| Number of Channels                   | 4                              | 4                              | -                    | 4                              |
| Pulse Width Distortion (Max)         | 6ns                            | 6ns                            | -                    | 3ns                            |
| Common Mode Transient Immunity (Min) | 25kV/μs                        | 25kV/μs                        | -                    | 75kV/μs                        |
| Mounting Type                        | Surface Mount                  | Surface Mount                  | -                    | Surface Mount                  |
| Voltage - Isolation                  | 2500Vrms                       | 2500Vrms                       | -                    | 2500Vrms                       |
| Operating Temperature                | -40°C ~ 105°C                  | -40°C ~ 105°C                  | -                    | -40°C ~ 105°C                  |
| Supplier Device Package              | 16-SOIC                        | 16-SOIC                        | -                    | 24-SSOP                        |
| Series                               | Automotive                     | IsoPower®, iCoupler®           | *                    | iCoupler®                      |
| Base Product Number                  | ADUM5402                       | ADUM5404                       | -                    | ADUM5411                       |
| Propagation Delay tpLH / tpHL (Max)  | 60ns, 60ns                     | 60ns, 60ns                     | -                    | 13ns, 13ns                     |
| Package                              | Tape & Reel (TR)               | Tube                           | Bulk                 | Tube                           |
| Isolated Power                       | Yes                            | Yes                            | -                    | Yes                            |
| Technology                           | Magnetic Coupling              | Magnetic Coupling              | -                    | Magnetic Coupling              |
| Channel Type                         | Unidirectional                 | Unidirectional                 | -                    | Unidirectional                 |
| Voltage - Supply                     | 3V ~ 5.5V                      | 3V ~ 5.5V                      | -                    | 1.7V ~ 5.5V                    |
| Rise / Fall Time (Typ)               | 2.5ns, 2.5ns                   | 2.5ns, 2.5ns                   | -                    | 2.5ns, 2.5ns                   |
| Data Rate                            | 25Mbps                         | 25Mbps                         | -                    | 150Mbps                        |

### ADUM5402WCRWZ-1RL Datasheet PDF

Download ADUM5402WCRWZ-1RL pdf datasheets and Analog Devices Inc. documentation for ADUM5402WCRWZ-1RL - Analog Devices Inc..

#### Datasheets

[Cylindrical Battery Holders.pdf](#)

#### PCN Assembly/Origin

[2.73KHz.pdf](#)

## Customers Also Interested in

### Recommended Products



#### ADUM5404CRWZ

Analog Devices Inc.  
DGTL ISO 2500VRMS 4CH GP 16SOIC



#### ADUM5402WCRWZ

Analog Devices Inc.  
ADUM5402 - QUAD-CHANNEL ISOLATOR



#### ADUM5411BRSZ

Analog Devices Inc.  
DGTL ISO 2500VRMS 4CH GP 24SSOP



#### ADUM5403ARWZ

Analog Devices Inc.  
DGTL ISO 2500VRMS 4CH GP 16SOIC



#### ADUM5401WCRWZ-1RL

Analog Devices Inc.  
DGTL ISO 2500VRMS 4CH GP 16SOIC



#### ADUM5403CRWZ

Analog Devices Inc.  
DGTL ISO 2500VRMS 4CH GP 16SOIC



#### ADUM5401WCRWZ

Analog Devices Inc.  
DGTL ISO 2.5KV GEN PURP 16SOIC



#### ADUM5402CRWZ

Analog Devices Inc.  
DGTL ISO 2500VRMS 4CH GP 16SOIC



#### ADUM5403WCRWZ-RL

Analog Devices Inc.  
IC DGTL ISO 4CH LOGIC 16SOIC



#### ADUM5404CRWZ-RL

Analog Devices Inc.  
DGTL ISO 2500VRMS 4CH GP 16SOIC



#### ADUM5402WCRWZ-1

Analog Devices Inc.  
DGTL ISO 2500VRMS 4CH GP 16SOIC



#### ADUM6000ARWZ-RL

Analog Devices Inc.  
DC DC CONVERTER 3.3V 5V



#### ADUM5402ARWZ-RL

Analog Devices Inc.  
DGTL ISO 2500VRMS 4CH GP 16SOIC



#### ADUM5402ARWZ

Analog Devices Inc.  
DGTL ISO 2500VRMS 4CH GP 16SOIC



#### ADUM5402CRWZ-RL

Analog Devices Inc.  
DGTL ISO 2500VRMS 4CH GP 16SOIC



#### ADUM5404ARWZ-RL

Analog Devices Inc.  
DGTL ISO 2500VRMS 4CH GP 16SOIC



#### ADUM5401WCRWZ-1

Analog Devices Inc.  
DGTL ISO 2500VRMS 4CH GP 16SOIC



#### ADUM5404ARWZ

Analog Devices Inc.  
DGTL ISO 2500VRMS 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           |

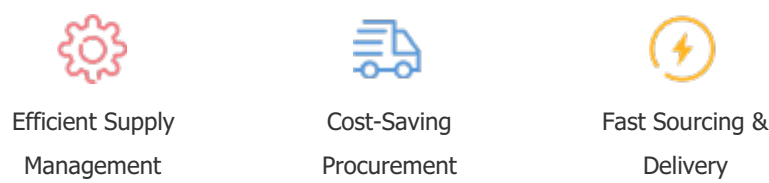
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

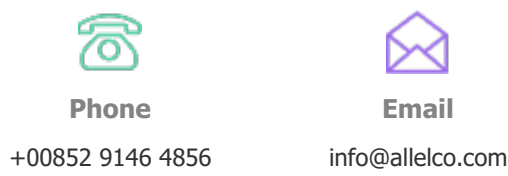
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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