



ADUM3442CRWZ

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|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ADUM3442CRWZ                                                                                                 |
| Manufacturer/Brand: | ADI (Analog Devices, Inc.)                                                                                   |
| Product description | DGTL ISO 2.5KV GEN PURP 16SOIC                                                                               |
| Datasheets:         |  ADUM3442CRWZ.pdf           |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 16984 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of ADUM3442CRWZ

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | ADUM3442CRWZ                                                                                            |
| MANUFACTURER                         | Analog Devices Inc.                                                                                     |
| DESCRIPTION                          | DGTL ISO 2.5KV GEN PURP 16SOIC                                                                          |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                              |
| QUANTITY AVAILABLE                   | 16984 pcs                                                                                               |
| DATA SHEET                           |  ADUM3442CRWZ.pdf    |
| VOLTAGE - FORWARD (VF) (TYP)         | 2ns                                                                                                     |
| VOLTAGE - BREAKDOWN                  | 16-SOIC                                                                                                 |
| TYPE                                 | General Purpose                                                                                         |
| TECHNOLOGY                           | Magnetic Coupling                                                                                       |
| SHELL STYLE                          | 3 V ~ 5.5 V                                                                                             |
| SERIES                               | iCoupler®                                                                                               |
| ROHS STATUS                          | Tube                                                                                                    |
| PULSE WIDTH DISTORTION (MAX)         | 32ns, 32ns                                                                                              |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 25kV/μs                                                                                                 |
| POLARIZATION                         | 16-SOIC (0.295", 7.50mm Width)                                                                          |
| OPERATING TEMPERATURE                | -40°C ~ 105°C                                                                                           |
| NUMBER OF CHANNELS                   | 4                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL)     | 1 (Unlimited)                                                                                           |
| MANUFACTURER PART NUMBER             | ADUM3442CRWZ                                                                                            |
| INPUTS - SIDE 1/SIDE 2               | No                                                                                                      |
| HIGH SIDE VOLTAGE - MAX (BOOTSTRAP)  | 2.5ns, 2.5ns                                                                                            |
| FREQUENCY - CUTOFF OR CENTER         | 150Mbps                                                                                                 |
| EXPANDED DESCRIPTION                 | General Purpose Digital Isolator 2500Vrms 4 Channel 150Mbps 25kV/μs CMTI 16-SOIC (0.295", 7.50mm Width) |
| DESCRIPTION                          | DGTL ISO 2.5KV GEN PURP 16SOIC                                                                          |
| CURRENT - BREAKOVER                  | 2500Vrms                                                                                                |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 2/2                                                                                                     |
| CHANNELS PER CIRCUIT                 | Unidirectional                                                                                          |

Related Tags

|                                         |                                     |                                             |
|-----------------------------------------|-------------------------------------|---------------------------------------------|
| ADI (Analog Devices, Inc.) ADUM3442CRWZ | ADUM3442CRWZ Distributor            | ADUM3442CRWZ Supplier                       |
| ADUM3442CRWZ Price                      | ADUM3442CRWZ Pictures               | ADUM3442CRWZ Image                          |
| ADUM3442CRWZ PDF Datasheet              | ADUM3442CRWZ Download Datasheet     | ADUM3442CRWZ Datasheet                      |
| ADUM3442CRWZ Stock                      | Buy ADUM3442CRWZ                    | Buy ADI (Analog Devices, Inc.) ADUM3442CRWZ |
| ADI (Analog Devices, Inc.) ADUM3442CRWZ | ADI (Analog Devices, Inc.) Supplier | ADI (Analog Devices, Inc.) Distributor      |
| ADI (Analog Devices, Inc.) ADUM3442CRWZ | AD ADUM3442CRWZ                     | ADI (Analog Devices, Inc.) ADUM3442CRWZ     |
| Analog Devices Inc. ADUM3442CRWZ        | Analog Devices, Inc. ADUM3442CRWZ   |                                             |

Related Products

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| <div><div>ADUM3470WARSZ</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 2.5KV GEN PURP 20SSOP<br/>In stock: 12283 pcs</div><div>RFQ</div></div>    | <div><div>ADUM3402WBRWZ-RL</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC DGTL ISO 4CH LOGIC 16SOIC<br/>In stock: 20560 pcs</div><div>RFQ</div></div>  |
| <div><div>ADUM3441CRWZ</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 2.5KV GEN PURP 16SOIC<br/>In stock: 2738 pcs</div><div>RFQ</div></div>      | <div><div>ADUM3442CRWZ-RL</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 2.5KV GEN PURP 16SOIC<br/>In stock: 26901 pcs</div><div>RFQ</div></div> |
| <div><div>ADUM3402WBRWZ</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 2.5KV GEN PURP 16SOIC<br/>In stock: 10822 pcs</div><div>RFQ</div></div>    | <div><div>ADUM3440CRWZ</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 2.5KV GEN PURP 16SOIC<br/>In stock: 4729 pcs</div><div>RFQ</div></div>     |
| <div><div>ADUM3470ARSZ-RL7</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 2.5KV GEN PURP 20SSOP<br/>In stock: 19682 pcs</div><div>RFQ</div></div> | <div><div>ADUM3440CRWZ-RL</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 2.5KV GEN PURP 16SOIC<br/>In stock: 25205 pcs</div><div>RFQ</div></div> |
| <div><div>ADUM3470ARSZ</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 2.5KV GEN PURP 20SSOP<br/>In stock: 15873 pcs</div><div>RFQ</div></div>     | <div><div>ADUM3470CRSZ</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 2.5KV GEN PURP 20SSOP<br/>In stock: 12660 pcs</div><div>RFQ</div></div>    |
| <div><div>ADUM3470CRSZ-RL7</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 2.5KV GEN PURP 20SSOP<br/>In stock: 17595 pcs</div><div>RFQ</div></div> | <div><div>ADUM3441CRWZ-RL</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 2.5KV GEN PURP 16SOIC<br/>In stock: 3417 pcs</div><div>RFQ</div></div>  |