



ADUM3442CRWZ-RL

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ADUM3442CRWZ-RL                                                                                              |
| Manufacturer/Brand: | ADI (Analog Devices, Inc.)                                                                                   |
| Product description | DGTL ISO 2.5KV GEN PURP 16SOIC                                                                               |
| Datasheets:         |  ADUM3442CRWZ-RL.pdf        |
| RoHS Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 26901 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of ADUM3442CRWZ-RL

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | ADUM3442CRWZ-RL                                                                                         |
| MANUFACTURER                         | ADI (Analog Devices, Inc.)                                                                              |
| DESCRIPTION                          | DGTL ISO 2.5KV GEN PURP 16SOIC                                                                          |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                              |
| QUANTITY AVAILABLE                   | 26901 pcs                                                                                               |
| DATA SHEET                           |  ADUM3442CRWZ-RL.pdf |
| VOLTAGE - SUPPLY                     | 3 V ~ 5.5 V                                                                                             |
| VOLTAGE - ISOLATION                  | 2500Vrms                                                                                                |
| TYPE                                 | General Purpose                                                                                         |
| TECHNOLOGY                           | Magnetic Coupling                                                                                       |
| SUPPLIER DEVICE PACKAGE              | 16-SOIC                                                                                                 |
| SERIES                               | iCoupler®                                                                                               |
| RISE / FALL TIME (TYP)               | 2.5ns, 2.5ns                                                                                            |
| PULSE WIDTH DISTORTION (MAX)         | 2ns                                                                                                     |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 32ns, 32ns                                                                                              |
| PACKAGING                            | Tape & Reel (TR)                                                                                        |
| PACKAGE / CASE                       | 16-SOIC (0.295", 7.50mm Width)                                                                          |
| OTHER NAMES                          | ADUM3442CRWZ-RL-ND<br>ADUM3442CRWZ-RLTR                                                                 |
| OPERATING TEMPERATURE                | -40°C ~ 105°C                                                                                           |
| NUMBER OF CHANNELS                   | 4                                                                                                       |
| MOUNTING TYPE                        | Surface Mount                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL)     | 1 (Unlimited)                                                                                           |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                              |
| ISOLATED POWER                       | No                                                                                                      |
| INPUTS - SIDE 1/SIDE 2               | 2/2                                                                                                     |
| DETAILED DESCRIPTION                 | General Purpose Digital Isolator 2500Vrms 4 Channel 150Mbps 25kV/μs CMTI 16-SOIC (0.295", 7.50mm Width) |
| DATA RATE                            | 150Mbps                                                                                                 |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 25kV/μs                                                                                                 |
| CHANNEL TYPE                         | Unidirectional                                                                                          |
| BASE PART NUMBER                     | ADUM3442                                                                                                |

Related Tags

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

Related Products

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|  <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>ADUM3470WARSZ-RL7</div> <div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 2.5KV GEN PURP 20SSOP<br/>In stock: 20361 pcs</div> <div>RFQ</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>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>ADUM3442CRWZ</div> <div>Manufacturers: Analog Devices Inc.<br/>Description: DGTL ISO 2.5KV GEN PURP 16SOIC<br/>In stock: 16984 pcs</div> <div>RFQ</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>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>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>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>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>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>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>       |