



Image may be representation. See specifications for product details.

ADUM142E1WBRWZ-RL

|                     |                                                                                                                         |
|---------------------|-------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ADUM142E1WBRWZ-RL                                                                                                       |
| Manufacturer/Brand: | ADI (Analog Devices, Inc.)                                                                                              |
| Product description | IC, ROBUST QUAD ISO, 2:2 CH                                                                                             |
| Datasheets:         |  <a href="#">ADUM142E1WBRWZ-RL.pdf</a> |
| RoHs Status         |  RoHS Compliant                        |
| Stock Condition     | 25562 pcs stock                                                                                                         |
| Ship From           | Hong Kong                                                                                                               |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                   |

REQUEST FOR QUOTATION

Specifications of ADUM142E1WBRWZ-RL

|                                      |                                                                                                                           |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | ADUM142E1WBRWZ-RL                                                                                                         |
| MANUFACTURER                         | ADI (Analog Devices, Inc.)                                                                                                |
| DESCRIPTION                          | IC, ROBUST QUAD ISO, 2:2 CH                                                                                               |
| LEAD FREE STATUS / ROHS STATUS       | RoHS Compliant                                                                                                            |
| QUANTITY AVAILABLE                   | 25562 pcs                                                                                                                 |
| DATA SHEET                           |  <a href="#">ADUM142E1WBRWZ-RL.pdf</a> |
| VOLTAGE - SUPPLY                     | 1.8 V ~ 5.5 V                                                                                                             |
| VOLTAGE - ISOLATION                  | 3750VDC                                                                                                                   |
| TYPE                                 | SPI                                                                                                                       |
| TECHNOLOGY                           | Magnetic Coupling                                                                                                         |
| SUPPLIER DEVICE PACKAGE              | 16-SOIC                                                                                                                   |
| SERIES                               | Automotive                                                                                                                |
| ROHS STATUS                          | RoHS Compliant                                                                                                            |
| RISE / FALL TIME (TYP)               | 2.5ns, 2.5ns                                                                                                              |
| PULSE WIDTH DISTORTION (MAX)         | 3ns                                                                                                                       |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 13ns, 13ns                                                                                                                |
| PACKAGING                            | Tape & Reel (TR)                                                                                                          |
| PACKAGE / CASE                       | 16-SOIC (0.295", 7.50mm Width)                                                                                            |
| OPERATING TEMPERATURE                | -40°C ~ 125°C                                                                                                             |
| NUMBER OF CHANNELS                   | 4                                                                                                                         |
| MOUNTING TYPE                        | Surface Mount                                                                                                             |
| ISOLATED POWER                       | No                                                                                                                        |
| INPUTS - SIDE 1/SIDE 2               | 3/1                                                                                                                       |
| DETAILED DESCRIPTION                 | SPI Digital Isolator 3750VDC 4 Channel 150Mbps 100kV/μs CMTI 16-SOIC (0.295", 7.50mm Width)                               |
| DATA RATE                            | 150Mbps                                                                                                                   |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 100kV/μs                                                                                                                  |
| CHANNEL TYPE                         | Unidirectional                                                                                                            |
| BASE PART NUMBER                     | ADUM142                                                                                                                   |

Related Tags

|                                              |                                        |                                                  |
|----------------------------------------------|----------------------------------------|--------------------------------------------------|
| ADI (Analog Devices, Inc.) ADUM142E1WBRWZ-RL | ADUM142E1WBRWZ-RL Distributor          | ADUM142E1WBRWZ-RL Supplier                       |
| ADUM142E1WBRWZ-RL Price                      | ADUM142E1WBRWZ-RL Pictures             | ADUM142E1WBRWZ-RL Image                          |
| ADUM142E1WBRWZ-RL PDF Datasheet              | ADUM142E1WBRWZ-RL Download Datasheet   | ADUM142E1WBRWZ-RL Datasheet                      |
| ADUM142E1WBRWZ-RL Stock                      | Buy ADUM142E1WBRWZ-RL                  | Buy ADI (Analog Devices, Inc.) ADUM142E1WBRWZ-RL |
| ADI (Analog Devices, Inc.) ADUM142E1WBRWZ-RL | ADI (Analog Devices, Inc.) Supplier    | ADI (Analog Devices, Inc.) Distributor           |
| ADI (Analog Devices, Inc.) ADUM142E1WBRWZ-RL | AD ADUM142E1WBRWZ-RL                   | ADI (Analog Devices, Inc.) ADUM142E1WBRWZ-RL     |
| Analog Devices Inc. ADUM142E1WBRWZ-RL        | Analog Devices, Inc. ADUM142E1WBRWZ-RL |                                                  |

Related Products

|                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                      |
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|  <p><b>ADUM1440ARSZ-RL7</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 3.75KV GEN PURP 20SSOP<br/>In stock: 26053 pcs</p> <p>RFQ</p>  |  <p><b>ADUM142E1WBRQZ-RL7</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 3KV GEN PURP 16QSOP<br/>In stock: 29298 pcs</p> <p>RFQ</p>  |
|  <p><b>ADUM142E1BRZ-RL7</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 3KV 4CH GEN PURP 16SOIC<br/>In stock: 34928 pcs</p> <p>RFQ</p> |  <p><b>ADUM142E1BRWZ-RL</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 3.75KV GEN PURP 16SOIC<br/>In stock: 33038 pcs</p> <p>RFQ</p> |
|  <p><b>ADUM1440ARQZ</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 2.5KV GEN PURP 16QSOP<br/>In stock: 20745 pcs</p> <p>RFQ</p>       |  <p><b>ADUM1440ARQZ-RL7</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 2.5KV GEN PURP 16QSOP<br/>In stock: 33454 pcs</p> <p>RFQ</p>  |
|  <p><b>ADUM1440ARSZ</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 3.75KV GEN PURP 20SSOP<br/>In stock: 15045 pcs</p> <p>RFQ</p>      |  <p><b>ADUM142E1WBRWZ</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC, ROBUST QUAD ISO, 2:2 CH<br/>In stock: 15146 pcs</p> <p>RFQ</p>       |
|  <p><b>ADUM142E1WBRQZ</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 3KV GEN PURP 16QSOP<br/>In stock: 13493 pcs</p> <p>RFQ</p>       |  <p><b>ADUM1441ARQZ</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 2.5KV GEN PURP 16QSOP<br/>In stock: 15425 pcs</p> <p>RFQ</p>      |
|  <p><b>ADUM142E1BRZ</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 3KV 4CH GEN PURP 16SOIC<br/>In stock: 14858 pcs</p> <p>RFQ</p>     |  <p><b>ADUM1441ARQZ-RL7</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 2.5KV GEN PURP 16QSOP<br/>In stock: 33622 pcs</p> <p>RFQ</p>  |