



ADI (Analog Devices, Inc.)



Image may be representation. See specifications for product details.

ADUM3151BRSZ

|                     |                                                                                                                    |
|---------------------|--------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ADUM3151BRSZ                                                                                                       |
| Manufacturer/Brand: | ADI (Analog Devices, Inc.)                                                                                         |
| Product description | DGTL ISO 3.75KV 7CH SPI 20SSOP                                                                                     |
| Datasheets:         |  <a href="#">ADUM3151BRSZ.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant       |
| Ship From           | Hong Kong                                                                                                          |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                              |

REQUEST FOR QUOTATION

Specifications of ADUM3151BRSZ

|                                      |                                                                                                                      |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | ADUM3151BRSZ                                                                                                         |
| MANUFACTURER                         | ADI (Analog Devices, Inc.)                                                                                           |
| DESCRIPTION                          | DGTL ISO 3.75KV 7CH SPI 20SSOP                                                                                       |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                                           |
| DATA SHEET                           |  <a href="#">ADUM3151BRSZ.pdf</a> |
| VOLTAGE - SUPPLY                     | 3 V ~ 5.5 V                                                                                                          |
| VOLTAGE - ISOLATION                  | 3750Vrms                                                                                                             |
| TYPE                                 | SPI                                                                                                                  |
| TECHNOLOGY                           | Magnetic Coupling                                                                                                    |
| SUPPLIER DEVICE PACKAGE              | 20-SSOP                                                                                                              |
| SERIES                               | iCoupler®, SPIsulator™                                                                                               |
| RISE / FALL TIME (TYP)               | 2.5ns, 2.5ns                                                                                                         |
| PULSE WIDTH DISTORTION (MAX)         | 2ns                                                                                                                  |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 14ns, 14ns                                                                                                           |
| PACKAGING                            | Tube                                                                                                                 |
| PACKAGE / CASE                       | 20-SSOP (0.209", 5.30mm Width)                                                                                       |
| OPERATING TEMPERATURE                | -40°C ~ 125°C                                                                                                        |
| NUMBER OF CHANNELS                   | 7                                                                                                                    |
| MOUNTING TYPE                        | Surface Mount                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL)     | 3 (168 Hours)                                                                                                        |
| MANUFACTURER STANDARD LEAD TIME      | 9 Weeks                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                                           |
| ISOLATED POWER                       | No                                                                                                                   |
| INPUTS - SIDE 1/SIDE 2               | 5/2                                                                                                                  |
| DETAILED DESCRIPTION                 | SPI Digital Isolator 3750Vrms 7 Channel 34Mbps 25kV/μs CMTI 20-SSOP (0.209", 5.30mm Width)                           |
| DATA RATE                            | 34Mbps                                                                                                               |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 25kV/μs                                                                                                              |
| CHANNEL TYPE                         | Unidirectional                                                                                                       |
| BASE PART NUMBER                     | ADUM3151                                                                                                             |

Related Tags

|                                         |                                     |                                             |
|-----------------------------------------|-------------------------------------|---------------------------------------------|
| ADI (Analog Devices, Inc.) ADUM3151BRSZ | ADUM3151BRSZ Distributor            | ADUM3151BRSZ Supplier                       |
| ADUM3151BRSZ Price                      | ADUM3151BRSZ Pictures               | ADUM3151BRSZ Image                          |
| ADUM3151BRSZ PDF Datasheet              | ADUM3151BRSZ Download Datasheet     | ADUM3151BRSZ Datasheet                      |
| ADUM3151BRSZ Stock                      | Buy ADUM3151BRSZ                    | Buy ADI (Analog Devices, Inc.) ADUM3151BRSZ |
| ADI (Analog Devices, Inc.) ADUM3151BRSZ | ADI (Analog Devices, Inc.) Supplier | ADI (Analog Devices, Inc.) Distributor      |
| ADI (Analog Devices, Inc.) ADUM3151BRSZ | AD ADUM3151BRSZ                     | ADI (Analog Devices, Inc.) ADUM3151BRSZ     |
| Analog Devices Inc. ADUM3151BRSZ        | Analog Devices, Inc. ADUM3151BRSZ   |                                             |

Related Products

|                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>ADUM3152ARSZ-RL7</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 3.75KV 7CH SPI 20SSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>ADUM3151BRSZ-RL7</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 3.75KV 7CH SPI 20SSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>ADUM3151ARSZ-RL7</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 3.75KV 7CH SPI 20SSOP<br/>In stock: 960 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>ADUM3153ARSZ</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 3.75KV 7CH SPI 20SSOP<br/>In stock: 11 pcs<br/><div>RFQ</div></div>        |
| <div></div> <div><b>ADUM3150ARSZ-RL7</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 3.75KV 6CH SPI 20SSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>ADUM3152BRSZ-RL7</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 3.75KV 7CH SPI 20SSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>ADUM3151ARSZ</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 3.75KV 7CH SPI 20SSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>     | <div></div> <div><b>ADUM3152BRSZ</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 3.75KV 7CH SPI 20SSOP<br/>In stock: 165 pcs<br/><div>RFQ</div></div>       |
| <div></div> <div><b>ADUM3150BRSZ-RL7</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 3.75KV 6CH SPI 20SSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>ADUM3150BRSZ</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 3.75KV 6CH SPI 20SSOP<br/>In stock: 72 pcs<br/><div>RFQ</div></div>        |
| <div></div> <div><b>ADUM3152ARSZ</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 3.75KV 7CH SPI 20SSOP<br/>In stock: 196 pcs<br/><div>RFQ</div></div>       | <div></div> <div><b>ADUM3150ARSZ</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 3.75KV 6CH SPI 20SSOP<br/>In stock: 142 pcs<br/><div>RFQ</div></div>       |