



ADI (Analog Devices, Inc.)



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### ADGS1212BCPZ-RL7

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ADGS1212BCPZ-RL7                                                                                             |
| Manufacturer/Brand: | ADI (Analog Devices, Inc.)                                                                                   |
| Product description | IC SWITCH SPST QUAD 24-LFCSP                                                                                 |
| Datasheets:         |  ADGS1212BCPZ-RL7.pdf       |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

#### Specifications of ADGS1212BCPZ-RL7

|                                        |                                                                                                          |
|----------------------------------------|----------------------------------------------------------------------------------------------------------|
| PART NUMBER                            | ADGS1212BCPZ-RL7                                                                                         |
| MANUFACTURER                           | ADI (Analog Devices, Inc.)                                                                               |
| DESCRIPTION                            | IC SWITCH SPST QUAD 24-LFCSP                                                                             |
| LEAD FREE STATUS / ROHS STATUS         | Lead free / RoHS Compliant                                                                               |
| DATA SHEET                             |  ADGS1212BCPZ-RL7.pdf |
| VOLTAGE - SUPPLY, SINGLE (V+)          | 5 V ~ 16.5 V                                                                                             |
| VOLTAGE - SUPPLY, DUAL (V±)            | ±4.5 V ~ 16.5 V                                                                                          |
| SWITCH TIME (TON, TOFF) (MAX)          | 490ns, 225ns                                                                                             |
| SWITCH CIRCUIT                         | SPST - NO                                                                                                |
| SUPPLIER DEVICE PACKAGE                | 24-LFCSP-WQ (4x4)                                                                                        |
| SERIES                                 | -                                                                                                        |
| PACKAGING                              | Tape & Reel (TR)                                                                                         |
| PACKAGE / CASE                         | 24-WFQFN Exposed Pad, CSP                                                                                |
| OPERATING TEMPERATURE                  | -40°C ~ 125°C (TA)                                                                                       |
| ON-STATE RESISTANCE (MAX)              | 260 Ohm, 625 Ohm                                                                                         |
| NUMBER OF CIRCUITS                     | 4                                                                                                        |
| MULTIPLEXER/DEMULTIPLEXER CIRCUIT      | 1:1                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL)       | 3 (168 Hours)                                                                                            |
| MANUFACTURER STANDARD LEAD TIME        | 7 Weeks                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS         | Lead free / RoHS Compliant                                                                               |
| DETAILED DESCRIPTION                   | 4 Circuit IC Switch 1:1 260 Ohm, 625 Ohm 24-LFCSP-WQ (4x4)                                               |
| CURRENT - LEAKAGE (IS(OFF)) (MAX)      | 1nA                                                                                                      |
| CROSSTALK                              | -110dB @ 1MHz                                                                                            |
| CHARGE INJECTION                       | 1pC                                                                                                      |
| CHANNEL-TO-CHANNEL MATCHING (ΔRON)     | 11 Ohm, 27 Ohm                                                                                           |
| CHANNEL CAPACITANCE (CS(OFF), CD(OFF)) | 1.4pF, 1.5pF                                                                                             |
| BASE PART NUMBER                       | ADGS1212                                                                                                 |
| -3DB BANDWIDTH                         | 1GHz                                                                                                     |

#### Related Tags

|                                             |                                       |                                                 |
|---------------------------------------------|---------------------------------------|-------------------------------------------------|
| ADI (Analog Devices, Inc.) ADGS1212BCPZ-RL7 | ADGS1212BCPZ-RL7 Distributor          | ADGS1212BCPZ-RL7 Supplier                       |
| ADGS1212BCPZ-RL7 Price                      | ADGS1212BCPZ-RL7 Pictures             | ADGS1212BCPZ-RL7 Image                          |
| ADGS1212BCPZ-RL7 PDF Datasheet              | ADGS1212BCPZ-RL7 Download Datasheet   | ADGS1212BCPZ-RL7 Datasheet                      |
| ADGS1212BCPZ-RL7 Stock                      | Buy ADGS1212BCPZ-RL7                  | Buy ADI (Analog Devices, Inc.) ADGS1212BCPZ-RL7 |
| ADI (Analog Devices, Inc.) ADGS1212BCPZ-RL7 | ADI (Analog Devices, Inc.) Supplier   | ADI (Analog Devices, Inc.) Distributor          |
| ADI (Analog Devices, Inc.) ADGS1212BCPZ-RL7 | AD ADGS1212BCPZ-RL7                   | ADI (Analog Devices, Inc.) ADGS1212BCPZ-RL7     |
| Analog Devices Inc. ADGS1212BCPZ-RL7        | Analog Devices, Inc. ADGS1212BCPZ-RL7 |                                                 |

#### Related Products

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| <div><div>ADGS1208BCPZ</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: SPI LOW CHARGE INJECTION,LEAKAGE<br/>In stock: 4 pcs</div><div>RFQ</div></div>     | <div><div>ADGS1208BCPZ-RL7</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: SPI LOW CHARGE INJECTION,LEAKAGE<br/>In stock: Out stock</div><div>RFQ</div></div> |
| <div><div>ADGS1409BCPZ</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: SPI INTERFACE LOW RON DIFF 4:1 M<br/>In stock: 1 pcs</div><div>RFQ</div></div>     | <div><div>ADGS1209BCPZ-RL7</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: SPI LOW CHARGE INJECTION, LEAKAG<br/>In stock: Out stock</div><div>RFQ</div></div> |
| <div><div>ADGS1408BCPZ</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: SPI INTERFACE LOW RON 8:1 MUX, 1<br/>In stock: 4 pcs</div><div>RFQ</div></div>     | <div><div>ADGS1212BCPZ</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC SWITCH SPST QUAD 24-LFCSP<br/>In stock: 68 pcs</div><div>RFQ</div></div>            |
| <div><div>ADGS1209BCPZ</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: SPI LOW CHARGE INJECTION, LEAKAG<br/>In stock: 4 pcs</div><div>RFQ</div></div>     | <div><div>ADGS1409BCPZ-RL7</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: SPI INTERFACE LOW RON DIFF 4:1 M<br/>In stock: Out stock</div><div>RFQ</div></div> |
| <div><div>ADGS1412BCPZ-RL7</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC SWITCH SPST QUAD 24-LFCSP<br/>In stock: Out stock</div><div>RFQ</div></div> | <div><div>ADGS1408BCPZ-RL7</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: SPI INTERFACE LOW RON 8:1 MUX, 1<br/>In stock: Out stock</div><div>RFQ</div></div> |
| <div><div>ADGM1304JCPZ-RL7</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DC TO 14GHZ MEMS SWITCH<br/>In stock: Out stock</div><div>RFQ</div></div>      | <div><div>ADGS1412BCPZ</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC SWITCH SPST QUAD 24-LFCSP<br/>In stock: 588 pcs</div><div>RFQ</div></div>           |