



ADI (Analog Devices, Inc.)



AHEAD OF WHAT'S POSSIBLE™

AD5689BCPZ-RL7

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | AD5689BCPZ-RL7                                                                                               |
| Manufacturer/Brand: | ADI (Analog Devices, Inc.)                                                                                   |
| Product description | IC DAC 16BIT SRL 16LFCSP                                                                                     |
| Datasheets:         |  AD5689BCPZ-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 AD5689BCPZ-RL7

|                                  |                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | AD5689BCPZ-RL7                                                                                         |
| MANUFACTURER                     | ADI (Analog Devices, Inc.)                                                                             |
| DESCRIPTION                      | IC DAC 16BIT SRL 16LFCSP                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| DATA SHEET                       |  AD5689BCPZ-RL7.pdf |
| VOLTAGE - SUPPLY, DIGITAL        | 1.8 V ~ 5.5 V                                                                                          |
| VOLTAGE - SUPPLY, ANALOG         | 2.7 V ~ 5.5 V                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 16-LFCSP-WQ (3x3)                                                                                      |
| SETTLING TIME                    | 8μs                                                                                                    |
| SERIES                           | nanoDAC+®                                                                                              |
| REFERENCE TYPE                   | External                                                                                               |
| PACKAGING                        | Tape & Reel (TR)                                                                                       |
| PACKAGE / CASE                   | 16-WFQFN Exposed Pad, CSP                                                                              |
| OUTPUT TYPE                      | Voltage - Buffered                                                                                     |
| OTHER NAMES                      | AD5689BCPZ-RL7-ND<br>AD5689BCPZ-RL7TR                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 105°C                                                                                          |
| NUMBER OF D/A CONVERTERS         | 2                                                                                                      |
| NUMBER OF BITS                   | 16                                                                                                     |
| MOUNTING TYPE                    | Surface Mount                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                          |
| MANUFACTURER STANDARD LEAD TIME  | 7 Weeks                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| INL/DNL (LSB)                    | ±1, ±1 (Max)                                                                                           |
| DIFFERENTIAL OUTPUT              | No                                                                                                     |
| DETAILED DESCRIPTION             | 16 Bit Digital to Analog Converter 2 16-LFCSP-WQ (3x3)                                                 |
| DATA INTERFACE                   | SPI, DSP                                                                                               |
| BASE PART NUMBER                 | AD5689                                                                                                 |
| ARCHITECTURE                     | String DAC                                                                                             |

Related Tags

|                                           |                                     |                                               |
|-------------------------------------------|-------------------------------------|-----------------------------------------------|
| ADI (Analog Devices, Inc.) AD5689BCPZ-RL7 | AD5689BCPZ-RL7 Distributor          | AD5689BCPZ-RL7 Supplier                       |
| AD5689BCPZ-RL7 Price                      | AD5689BCPZ-RL7 Pictures             | AD5689BCPZ-RL7 Image                          |
| AD5689BCPZ-RL7 PDF Datasheet              | AD5689BCPZ-RL7 Download Datasheet   | AD5689BCPZ-RL7 Datasheet                      |
| AD5689BCPZ-RL7 Stock                      | Buy AD5689BCPZ-RL7                  | Buy ADI (Analog Devices, Inc.) AD5689BCPZ-RL7 |
| ADI (Analog Devices, Inc.) AD5689BCPZ-RL7 | ADI (Analog Devices, Inc.) Supplier | ADI (Analog Devices, Inc.) Distributor        |
| ADI (Analog Devices, Inc.) AD5689BCPZ-RL7 | AD AD5689BCPZ-RL7                   | ADI (Analog Devices, Inc.) AD5689BCPZ-RL7     |
| Analog Devices Inc. AD5689BCPZ-RL7        | Analog Devices, Inc. AD5689BCPZ-RL7 |                                               |

Related Products

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>AD5689BRUZ-RL7</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC DAC 16BIT SRL 16TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>AD5687RBRUZ</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC DAC 12BIT SPI/SRL 16TSSOP<br/>In stock: 175 pcs<br/><div>RFQ</div></div>   |
|  <div><b>AD5689RACPZ-RL7</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC DAC 16BIT SRL 16LFCSP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>AD5689RARUZ</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC DAC 16BIT SRL 16-TSSOP<br/>In stock: 442 pcs<br/><div>RFQ</div></div>      |
|  <div><b>AD5687RBCPZ-RL7</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC DAC 12BIT SPI 16LFCSP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>AD5687BRUZ-RL7</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC DAC 12BIT SRL 16TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>AD5687RBRUZ-RL7</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC DAC 12BIT SPI 16TSSOP<br/>In stock: 943 pcs<br/><div>RFQ</div></div>   |  <div><b>AD5687BCPZ-RL7</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC DAC 12BIT SRL 16LFCSP<br/>In stock: 267 pcs<br/><div>RFQ</div></div>    |
|  <div><b>AD5687BRUZ</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC DAC 12BIT SRL 16TSSOP<br/>In stock: 504 pcs<br/><div>RFQ</div></div>        |  <div><b>AD5689RARUZ-RL7</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC DAC 16BIT SRL 16TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>AD5689BRUZ</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC DAC 16BIT SRL 16-TSSOP<br/>In stock: 257 pcs<br/><div>RFQ</div></div>       |  <div><b>AD5689RBCPZ-RL7</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC DAC 16BIT SRL 16LFCSP<br/>In stock: Out stock<br/><div>RFQ</div></div> |