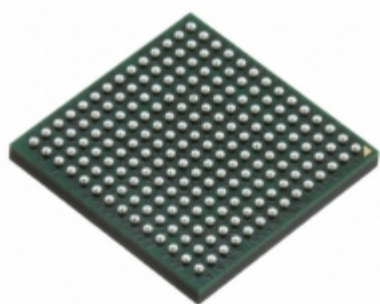


AD9148BBCZRL





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**Part Number:** [AD9148BBCZRL](#)

**Manufacturer:** [ADI \(Analog Devices, Inc.\)](#)

**Description** IC DAC 16BIT QD 1GSPS 196CSBGA

**Data sheet:**  [AD9148](#)

**RoHs Status:** Lead free / RoHS Compliant

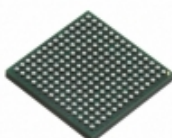
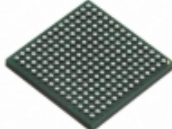
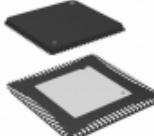
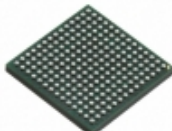
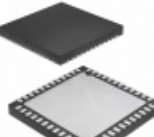
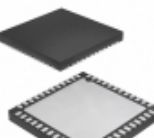
**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
**Buy AD9148BBCZRL with confidence from Component-World.HK, 1 Year Warranty**

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                         |                                  |                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----------------------------------|--------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | AD9148BBCZRL                                            | Manufacturer                     | <a href="#">ADI (Analog Devices, Inc.)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | IC DAC 16BIT QD 1GSPS 196CSBGA                          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1196 pcs                                                | Data sheet                       | <a href="#">AD9148</a>                     |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Integrated Circuits (ICs)</a>               | Voltage - Supply, Digital        | 1.71 V ~ 1.89 V                            |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 3.13 V ~ 3.47 V                                         | Supplier Device Package          | 196-CSPBGA (12x12)                         |
| Settling Time                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 20ns (Typ)                                              | Series                           | TxDAC+®                                    |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                | External, Internal                                      | Packaging                        | Tape & Reel (TR)                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 196-LFBGA, CSPBGA                                       | Output Type                      | Current - Unbuffered                       |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | AD9148BBCZRL-ND<br>AD9148BBCZRLTR                       | Operating Temperature            | -40°C ~ 85°C                               |
| Number of D/A Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4                                                       | 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)                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ±3.7, ±2.1                                              | Differential Output              | Yes                                        |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 16 Bit Digital to Analog Converter 4 196-CSPBGA (12x12) | Data Interface                   | LVDS - Parallel                            |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                              | AD9148                                                  | Architecture                     | Current Source                             |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all ADI (Analog Devices, Inc.) series electronic components. We have 1196 pieces of ADI (Analog Devices, Inc.) AD9148BBCZRL in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                         |                                  |                                            |

| RELATED PRODUCTS                                                                   |                                                                                        |                                                           |                     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------|---------------------|
|  | Part#: <a href="#">AD9152-EBZ</a><br>Description: EVAL BOARD FOR AD9152                | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9148-EBZ</a><br>Description: BOARD EVALUATION FOR AD9148          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9154-M6720-EBZ</a><br>Description: EVAL BOARD FOR AD9154-M6720    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9144BCPZ</a><br>Description: IC DAC QUAD 16BIT 2.8GSPS 88LFCSP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9152-M6720-EBZ</a><br>Description: EVAL BOARD FOR AD9152-M6720    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9152BCPZ</a><br>Description: IC DAC 16BIT 2.25GSPS 56LFCSP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9148BBPZ</a><br>Description: IC DAC 16BIT SPI/SRL 196BGA          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9148-M5372-EBZ</a><br>Description: EVAL BOARD FOR AD9148 ADL5372  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9148BBPZRL</a><br>Description: IC DAC 16BIT SPI/SRL 196BGA        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9148-M5375-EBZ</a><br>Description: EVAL BOARD FOR AD9148 ADL5375  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9144BCPZRL</a><br>Description: IC DAC QUAD 16BIT 2.8GSPS 88LFCSP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9152-FMC-EBZ</a><br>Description: EVAL BOARD FOR AD9152-FMZ        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9144BCPAZRL</a><br>Description: IC DAC QUAD 16BIT 2.8GSPS 88LFCSP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9152BCPZRL</a><br>Description: IC DAC 16BIT 2.25GSPS 56LFCSP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9148BBCZ</a><br>Description: IC DAC 16BIT QD 1GSPS 196CSBGA       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9154-FMC-EBZ</a><br>Description: EVAL BOARD FOR AD9154-FMC        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9146BCPZ</a><br>Description: IC DAC 16BIT SRL DUAL 48LFCSP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9146BCPZRL</a><br>Description: IC DAC 16BIT SRL DUAL 48LFCSP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9154-EBZ</a><br>Description: EVAL BOARD FOR AD9154                | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9146-M5375-EBZ</a><br>Description: EVAL BOARD FOR AD9146 ADL5375  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |

Related keywords for **AD9148BBCZRL**

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