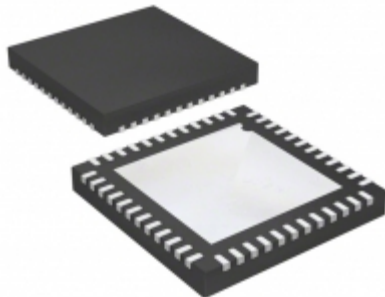


AD7951BCPZ





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Part Number: [AD7951BCPZ](#)

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

Description: IC ADC 14BIT 1MSPS 48-LFCSP

Data sheet:  [AD7951](#)

RoHs Status: Lead free / RoHS Compliant

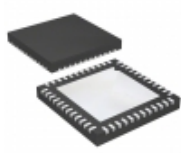
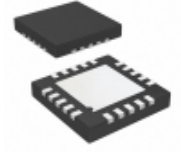
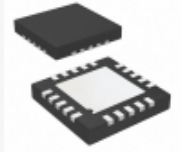
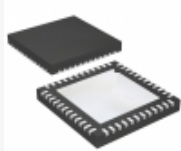
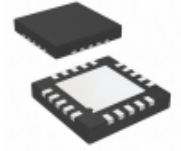
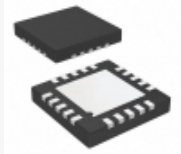
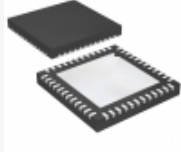
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy AD7951BCPZ with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                    |                                |                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------|--------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | AD7951BCPZ                                                         | Manufacturer                   | <a href="#">ADI (Analog Devices, Inc.)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | IC ADC 14BIT 1MSPS 48-LFCSP                                        | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5940 pcs                                                           | Data sheet                     | <a href="#">AD7951</a>                     |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Integrated Circuits (ICs)</a>                          | Voltage - Supply, Digital      | 5V                                         |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 5V                                                                 | Supplier Device Package        | 48-LFCSP-VQ (7x7)                          |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | iCMOS®, PuISAR®                                                    | Sampling Rate (Per Second)     | 1M                                         |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                                              | External, Internal                                                 | Ratio - S/H:ADC                | 1:1                                        |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Tray                                                               | Package / Case                 | 48-VFQFN Exposed Pad, CSP                  |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -40°C ~ 85°C                                                       | Number of Inputs               | 1                                          |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 14                                                                 | Number of A/D Converters       | 1                                          |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                            | 3 (168 Hours)                                                      | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                 |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Differential                                                       | Features                       | -                                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 14 Bit Analog to Digital Converter 1 Input 1 SAR 48-LFCSP-VQ (7x7) | Data Interface                 | SPI, Parallel, DSP                         |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                               | S/H-ADC                                                            | Base Part Number               | AD7951                                     |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                                                | SAR                                                                |                                |                                            |
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| RELATED PRODUCTS                                                                   |                                                                                           |                                                           |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  | Part#: <a href="#">AD7948BR</a><br>Description: IC DAC 12BIT MULTIPLYING 20-SOIC          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7948BRS</a><br>Description: IC DAC 12BIT MULT PARALL 20-SSOP         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7951BCPZRL</a><br>Description: IC ADC 14BIT 1MSPS 48-LFCSP           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7951BSTZ</a><br>Description: IC ADC 14BIT 1MSPS 48-LQFP              | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7949BCPZ</a><br>Description: IC ADC 14BIT 250KSPS 8CH 20LFCSP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7952BSTZRL</a><br>Description: IC ADC 14BIT DIFF 1MSPS 48-LQFP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD795JR-REEL7</a><br>Description: IC OPAMP JFET 1.6MHZ 8SOIC           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7949SCPZ-EP-R2</a><br>Description: IC ADC 14BIT 8CH 250KSPS 20LFCSP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7948BRSZ</a><br>Description: IC DAC 12BIT MULT PARALL 20SSOP         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7952BCPZ</a><br>Description: IC ADC 14BIT DIFF 1MSPS 48LFCSP         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7948BRSZ-REEL</a><br>Description: IC DAC 12BIT MULT PARALL 20SSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7951BSTZRL</a><br>Description: IC ADC 14BIT 1MSPS 48-LQFP            | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7949SCPZ-EP-RL7</a><br>Description: IC ADC 14BIT 8CH 250KSPS 20LFCSP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7948BRZ</a><br>Description: IC DAC 12BIT MULTIPLYING 20-SOIC         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7952BSTZ</a><br>Description: IC ADC 14BIT DIFF 1MSPS 48-LQFP         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7949BCPZRL7</a><br>Description: IC ADC 14BIT 250KSPS 8CH 20LFCSP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD795JR</a><br>Description: IC OPAMP JFET 1.6MHZ 8SOIC                 | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7948BRZ-REEL</a><br>Description: IC DAC 12BIT MULT PARALL 20SOIC     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD795JR-REEL</a><br>Description: IC OPAMP JFET 1.6MHZ 8SOIC            | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7952BCPZRL</a><br>Description: IC ADC 14BIT DIFF 1MSPS 48LFCSP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |

Related keywords for AD7951BCPZ

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