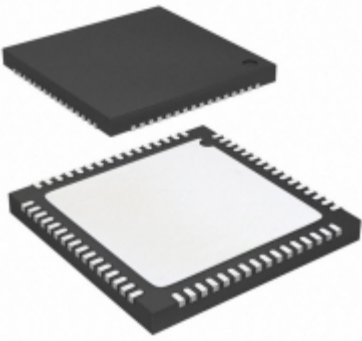


AD9643BCPZ-170





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**Part Number:** [AD9643BCPZ-170](#)

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

**Description:** IC ADC 14BIT SRL 170MSPS 64LFCSP

**Data sheet:**  [AD9643](#)

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

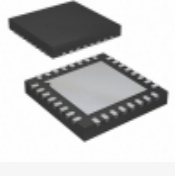
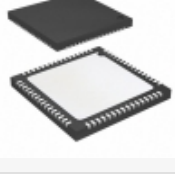
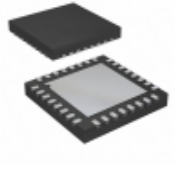
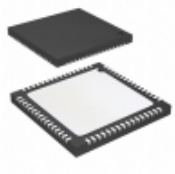
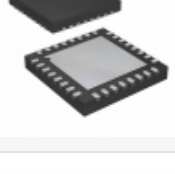
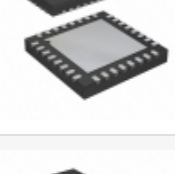
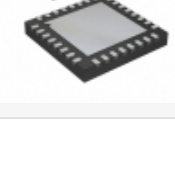
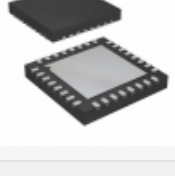
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
**Buy AD9643BCPZ-170 with confidence from Component-World.HK, 1 Year Warranty**

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                          |                                  |                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|----------------------------------|--------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                     | AD9643BCPZ-170                                                           | Manufacturer                     | <a href="#">ADI (Analog Devices, Inc.)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                     | IC ADC 14BIT SRL 170MSPS 64LFCSP                                         | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                              | 837 pcs                                                                  | Data sheet                       | <a href="#">AD9643</a>                     |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="#">Integrated Circuits (ICs)</a>                                | Voltage - Supply, Digital        | 1.7 V ~ 1.9 V                              |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                        | 1.7 V ~ 1.9 V                                                            | Supplier Device Package          | 64-LFCSP-VQ (9x9)                          |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                          | -                                                                        | Sampling Rate (Per Second)       | 170M                                       |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                  | Internal                                                                 | Ratio - S/H:ADC                  | 1:1                                        |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                       | Tray                                                                     | Package / Case                   | 64-VFQFN Exposed Pad, CSP                  |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                     | AD9643BCPZ170                                                            | Operating Temperature            | -40°C ~ 85°C                               |
| Number of Inputs                                                                                                                                                                                                                                                                                                                                                                                                                | 2                                                                        | Number of Bits                   | 14                                         |
| Number of A/D Converters                                                                                                                                                                                                                                                                                                                                                                                                        | 2                                                                        | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                              |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                 | 8 Weeks                                                                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                 |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                                      | Differential                                                             | Features                         | Simultaneous Sampling                      |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                            | 14 Bit Analog to Digital Converter 2 Input 2 Pipelined 64-LFCSP-VQ (9x9) | Data Interface                   | LVDS - Parallel                            |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                                   | S/H-ADC                                                                  | Base Part Number                 | AD9643                                     |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                    | Pipelined                                                                |                                  |                                            |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all ADI (Analog Devices, Inc.) series electronic components. We have 837 pieces of ADI (Analog Devices, Inc.) AD9643BCPZ-170 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: info@Components-World.com |                                                                          |                                  |                                            |

| RELATED PRODUCTS                                                                   |                                                                                           |                                                           |                     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------|---------------------|
|  | Part#: <a href="#">AD9642-250EBZ</a><br>Description: EVAL BOARD AD9642-250                | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9642BCPZRL7-250</a><br>Description: IC ADC 14BIT SER 250MSPS 32LFCSP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9644-80KITZ</a><br>Description: BOARD EVALUATION FOR AD9644          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9643BCPZRL7-210</a><br>Description: IC ADC 14BIT SRL 210MSPS 64LFCSP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9644BCPZ-80</a><br>Description: IC ADC 14BIT 80MSPS 3V 48LFCSP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9643BCPZ-210</a><br>Description: IC ADC 14BIT SRL 210MSPS 64LFCSP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9643-250EBZ</a><br>Description: BOARD EVAL FOR AD9643-250            | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9644BCPZ-155</a><br>Description: IC ADC 14BIT 155MSPS 3V 48LFCSP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9642BCPZRL7-210</a><br>Description: IC ADC 14BIT SER 210MSPS 32LFCSP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9643-170EBZ</a><br>Description: BOARD EVAL FOR AD9643-170            | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9644BCPZRL7-155</a><br>Description: IC ADC 14BIT 155MSPS 3V 48LFCSP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9643BCPZRL7-170</a><br>Description: IC ADC 14BIT SRL 170MSPS 64LFCSP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9644-155KITZ</a><br>Description: KIT EVAL FOR AD9644                 | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9643BCPZ-250</a><br>Description: IC ADC 14BIT SRL 250MSPS 64LFCSP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9643BCPZRL7-250</a><br>Description: IC ADC 14BIT SRL 250MSPS 64LFCSP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9642BCPZ-250</a><br>Description: IC ADC 14BIT SER 250MSPS 32LFCSP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9642BCPZ-210</a><br>Description: IC ADC 14BIT SER 210MSPS 32LFCSP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9642BCPZRL7-170</a><br>Description: IC ADC 14BIT SER 170MSPS 32LFCSP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9643-210EBZ</a><br>Description: BOARD EVAL FOR AD9643-210            | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9642BCPZ-170</a><br>Description: IC ADC 14BIT SER 170MSPS 32LFCSP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |

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