



AD9684BBPZ-500

|                     |                                  |
|---------------------|----------------------------------|
| Part Number:        | AD9684BBPZ-500                   |
| Manufacturer/Brand: | ADI (Analog Devices, Inc.)       |
| Product description | IC ADC 14BIT DUAL 500MSPS 196BGA |
| Datasheets:         | AD9684BBPZ-500.pdf               |
| RoHs Status         | Lead free / RoHS Compliant       |
| Stock Condition     | 263 pcs stock                    |
| Ship From           | Hong Kong                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS            |

REQUEST FOR QUOTATION

Specifications of AD9684BBPZ-500

|                                  |                                                                        |
|----------------------------------|------------------------------------------------------------------------|
| PART NUMBER                      | AD9684BBPZ-500                                                         |
| MANUFACTURER                     | ADI (Analog Devices, Inc.)                                             |
| DESCRIPTION                      | IC ADC 14BIT DUAL 500MSPS 196BGA                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                             |
| QUANTITY AVAILABLE               | 263 pcs                                                                |
| DATA SHEET                       | AD9684BBPZ-500.pdf                                                     |
| VOLTAGE - SUPPLY, DIGITAL        | 1.22 V ~ 1.28 V                                                        |
| VOLTAGE - SUPPLY, ANALOG         | 1.25V, 2.5V                                                            |
| SUPPLIER DEVICE PACKAGE          | 196-BGA (12x12)                                                        |
| SERIES                           | -                                                                      |
| SAMPLING RATE (PER SECOND)       | 500M                                                                   |
| REFERENCE TYPE                   | External, Internal                                                     |
| RATIO - S/H:ADC                  | 1:1                                                                    |
| PACKAGING                        | Tray                                                                   |
| PACKAGE / CASE                   | 196-LFBGA Exposed Pad                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                           |
| NUMBER OF INPUTS                 | 2                                                                      |
| 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 2 Input 1 Pipelined 196-BGA (12x12) |
| DATA INTERFACE                   | LVDS - Parallel                                                        |
| CONFIGURATION                    | S/H-ADC                                                                |
| BASE PART NUMBER                 | AD9684                                                                 |
| ARCHITECTURE                     | Pipelined                                                              |

Related Tags

|                                           |                                     |                                               |
|-------------------------------------------|-------------------------------------|-----------------------------------------------|
| ADI (Analog Devices, Inc.) AD9684BBPZ-500 | AD9684BBPZ-500 Distributor          | AD9684BBPZ-500 Supplier                       |
| AD9684BBPZ-500 Price                      | AD9684BBPZ-500 Pictures             | AD9684BBPZ-500 Image                          |
| AD9684BBPZ-500 PDF Datasheet              | AD9684BBPZ-500 Download Datasheet   | AD9684BBPZ-500 Datasheet                      |
| AD9684BBPZ-500 Stock                      | Buy AD9684BBPZ-500                  | Buy ADI (Analog Devices, Inc.) AD9684BBPZ-500 |
| ADI (Analog Devices, Inc.) AD9684BBPZ-500 | ADI (Analog Devices, Inc.) Supplier | ADI (Analog Devices, Inc.) Distributor        |
| ADI (Analog Devices, Inc.) AD9684BBPZ-500 | AD AD9684BBPZ-500                   | ADI (Analog Devices, Inc.) AD9684BBPZ-500     |
| Analog Devices Inc. AD9684BBPZ-500        | Analog Devices, Inc. AD9684BBPZ-500 |                                               |

Related Products

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| <p><b>AD9689-2600EBZ</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: EVAL BOARD FOR AD9689-2600<br/>In stock: 51 pcs</p> <p>RFQ</p>           | <p><b>AD9683BCPZRL7-170</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC 14BIT SPI/SRL 32LFCSP<br/>In stock: 1693 pcs</p> <p>RFQ</p> |
| <p><b>AD9689BBPZ-2600</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC DUAL 14BIT 2.6GSPS 196BGA<br/>In stock: 68 pcs</p> <p>RFQ</p>    | <p><b>AD9683BCPZRL7-250</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC 14BIT SPI/SRL 32LFCSP<br/>In stock: 936 pcs</p> <p>RFQ</p>  |
| <p><b>AD9684BBPZRL7-500</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC 14BIT DUAL 500MSPS 196BGA<br/>In stock: 325 pcs</p> <p>RFQ</p> | <p><b>AD9689-2000EBZ</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: EVAL BD FOR AD9689-2000<br/>In stock: 68 pcs</p> <p>RFQ</p>           |
| <p><b>AD9683BCPZ-250</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC 14BIT 250MSPS 32LFCSP<br/>In stock: 884 pcs</p> <p>RFQ</p>        | <p><b>AD9689BBPZRL-2600</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DUAL 14 BIT 2.6GSPS ADC<br/>In stock: 81 pcs</p> <p>RFQ</p>        |
| <p><b>AD9683BCPZ-170</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC 14BIT SPI/SRL 32LFCSP<br/>In stock: 1463 pcs</p> <p>RFQ</p>       | <p><b>AD9689BBPZ-2000</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DUAL 14 BIT 2.0GSPS ADC<br/>In stock: 89 pcs</p> <p>RFQ</p>          |
| <p><b>AD9683-250EBZ</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: EVAL BOARD 14BIT 250M ADC AD9683<br/>In stock: 259 pcs</p> <p>RFQ</p>     | <p><b>AD9684-500EBZ</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: EVAL BOARD AD9684 ADC<br/>In stock: 121 pcs</p> <p>RFQ</p>             |