



ADI (Analog Devices, Inc.)

## AD5378ABCZ

|                      |                              |
|----------------------|------------------------------|
| Part Number:         | AD5378ABCZ                   |
| Manufacturer/Brand:  | ADI (Analog Devices, Inc.)   |
| Product description: | IC DAC 14BIT 32CHAN 108CSBGA |
| Datasheets:          | AD5378ABCZ.pdf               |
| RoHS Status:         | Lead free / RoHS Compliant   |
| Stock Condition:     | 1083 pcs stock               |
| 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 AD5378ABCZ

|                                  |  |
|----------------------------------|--|
| PART NUMBER                      | AD5378ABCZ   |
| MANUFACTURER                     | ADI (Analog Devices, Inc.)                               |
| DESCRIPTION                      | IC DAC 14BIT 32CHAN 108CSBGA                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                               |
| QUANTITY AVAILABLE               | 1083 pcs   |
| DATA SHEET                       | AD5378ABCZ.pdf   |
| VOLTAGE - SUPPLY, DIGITAL        | 2.7 V ~ 5.5 V  |
| VOLTAGE - SUPPLY, ANALOG         | 8.5 V ~ 16.5 V , -3 V ~ 16.5 V                           |
| SUPPLIER DEVICE PACKAGE          | 108-CSPBGA (13x13)                                       |
| SETTLING TIME                    | 30µs   |
| SERIES                           | -  |
| REFERENCE TYPE                   | External   |
| PACKAGING                        | Tray   |
| PACKAGE / CASE                   | 108-BGA, CSPBGA  |
| OUTPUT TYPE                      | Voltage - Buffered                                       |
| OPERATING TEMPERATURE            | -40°C ~ 85°C   |
| NUMBER OF D/A CONVERTERS         | 32   |
| NUMBER OF BITS                   | 14   |
| MOUNTING TYPE                    | Surface Mount  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                               |
| INL/DNL (LSB)                    | ±3 (Max), -1/+1.5 (Max)                                  |
| DIFFERENTIAL OUTPUT              | No   |
| DETAILED DESCRIPTION             | 14 Bit Digital to Analog Converter 32 108-CSPBGA (13x13) |
| DATA INTERFACE                   | SPI, DSP   |
| BASE PART NUMBER                 | AD5378   |
| ARCHITECTURE                     | String DAC   |

### Related Tags

|                                       |                                     |   |
|---------------------------------------|-------------------------------------|---|
| ADI (Analog Devices, Inc.) AD5378ABCZ | AD5378ABCZ Distributor              | AD5378ABCZ Supplier                       |
| AD5378ABCZ Price                      | AD5378ABCZ Pictures                 | AD5378ABCZ Image                          |
| AD5378ABCZ PDF Datasheet              | AD5378ABCZ Download Datasheet       | AD5378ABCZ Datasheet                      |
| AD5378ABCZ Stock                      | Buy AD5378ABCZ                      | Buy ADI (Analog Devices, Inc.) AD5378ABCZ |
| ADI (Analog Devices, Inc.) AD5378ABCZ | ADI (Analog Devices, Inc.) Supplier | ADI (Analog Devices, Inc.) Distributor    |
| ADI (Analog Devices, Inc.) AD5378ABCZ | AD AD5378ABCZ                       | ADI (Analog Devices, Inc.) AD5378ABCZ     |
| Analog Devices Inc. AD5378ABCZ        | Analog Devices, Inc. AD5378ABCZ     |   |

### Related Products

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| <p><b>AD5373BSTZ-REEL</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC DAC 14BIT 32CH SER 64-LQFP<br/>In stock: 1539 pcs</p> <p><a href="#">RFQ</a></p> | <p><b>AD537KD</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC V/F CONV 14-CDIP<br/>In stock: 790 pcs</p> <p><a href="#">RFQ</a></p>                    |
| <p><b>AD5373BCPZ</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC DAC 14BIT 32CH SER 56-LFCSP<br/>In stock: 1330 pcs</p> <p><a href="#">RFQ</a></p>     | <p><b>AD537JH</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC V/F CONV TO-100-10<br/>In stock: 3702 pcs</p> <p><a href="#">RFQ</a></p>                 |
| <p><b>AD5378ABC</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC DAC 14BIT 32CHAN 108CSBGA<br/>In stock: 6268 pcs</p> <p><a href="#">RFQ</a></p>        | <p><b>AD537JD</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC V/F CONV 14-CDIP<br/>In stock: 1209 pcs</p> <p><a href="#">RFQ</a></p>                   |
| <p><b>AD5379ABCZ</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC DAC 14BIT 40CHAN 108CSBGA<br/>In stock: 857 pcs</p> <p><a href="#">RFQ</a></p>        | <p><b>AD5379ABC</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC DAC 14BIT 40CH 108CSBGA<br/>In stock: 5280 pcs</p> <p><a href="#">RFQ</a></p>          |
| <p><b>AD537KH</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC V/F CONV TO-100-10<br/>In stock: 2180 pcs</p> <p><a href="#">RFQ</a></p>                 | <p><b>AD5373BSTZ</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC DAC 14BIT 32CH SER 64-LQFP<br/>In stock: 1031 pcs</p> <p><a href="#">RFQ</a></p>      |
| <p><b>AD5372BSTZ-REEL</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC DAC 16BIT 32CH SER 64-LQFP<br/>In stock: 1216 pcs</p> <p><a href="#">RFQ</a></p> | <p><b>AD5373BCPZ-RL7</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC DAC 14BIT 32CH SER 56-LFCSP<br/>In stock: 3345 pcs</p> <p><a href="#">RFQ</a></p> |