



ADI (Analog Devices, Inc.)

## AD9148BBPZ

Part Number: AD9148BBPZ  
 Manufacturer/Brand: ADI (Analog Devices, Inc.)  
 Product description: IC DAC 16BIT SPI/SRL 196BGA  
 Datasheets: [AD9148BBPZ.pdf](#)  
 RoHS Status: Lead free / RoHS Compliant  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

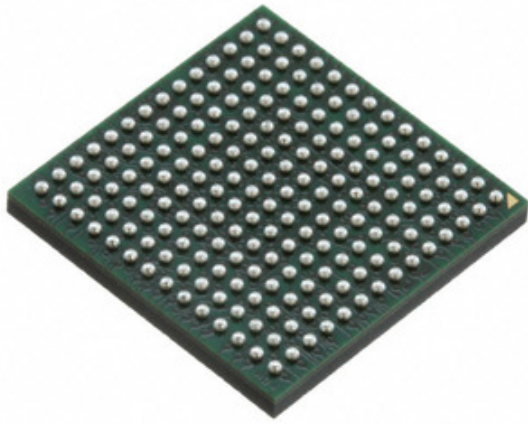


Image may be representation. See specifications for product details.

[REQUEST FOR QUOTATION](#)

### Specifications of AD9148BBPZ

PART NUMBER	AD9148BBPZ
MANUFACTURER	ADI (Analog Devices, Inc.)
DESCRIPTION	IC DAC 16BIT SPI/SRL 196BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">AD9148BBPZ.pdf</a>
VOLTAGE - SUPPLY, DIGITAL	1.71 V ~ 1.89 V
VOLTAGE - SUPPLY, ANALOG	3.13 V ~ 3.47 V
SUPPLIER DEVICE PACKAGE	196-BGA
SETTLING TIME	20ns (Typ)
SERIES	TxDAC+®
REFERENCE TYPE	External, Internal
PACKAGING	Tray
PACKAGE / CASE	196-LFBGA Exposed Pad
OUTPUT TYPE	Current - Unbuffered
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-BGA
DATA INTERFACE	LVDS - Parallel
BASE PART NUMBER	AD9148
ARCHITECTURE	Current Source

### Related Tags

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### Related Products

<p><b>AD9152-FMC-EBZ</b>                  Manufacturers: ADI (Analog Devices, Inc.)                  Description: EVAL BOARD FOR AD9152-FMZ                  In stock: 5 pcs  <a href="#">RFQ</a></p>	<p><b>AD9148-M5372-EBZ</b>                  Manufacturers: ADI (Analog Devices, Inc.)                  Description: EVAL BOARD FOR AD9148 ADL5372                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>AD9148BBPZRL</b>                  Manufacturers: ADI (Analog Devices, Inc.)                  Description: IC DAC 16BIT SPI/SRL 196BGA                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>AD9152-M6720-EBZ</b>                  Manufacturers: ADI (Analog Devices, Inc.)                  Description: EVAL BOARD FOR AD9152-M6720                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>AD9148-M5375-EBZ</b>                  Manufacturers: ADI (Analog Devices, Inc.)                  Description: EVAL BOARD FOR AD9148 ADL5375                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>AD9152BCPZ</b>                  Manufacturers: ADI (Analog Devices, Inc.)                  Description: IC DAC 16BIT 2.25GSPS 56LFCSP                  In stock: 35 pcs  <a href="#">RFQ</a></p>
<p><b>AD9148-EBZ</b>                  Manufacturers: ADI (Analog Devices, Inc.)                  Description: BOARD EVALUATION FOR AD9148                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>AD9152-EBZ</b>                  Manufacturers: ADI (Analog Devices, Inc.)                  Description: EVAL BOARD FOR AD9152                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>AD9146BCPZRL</b>                  Manufacturers: ADI (Analog Devices, Inc.)                  Description: IC DAC 16BIT SRL DUAL 48LFCSP                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>AD9152BCPZRL</b>                  Manufacturers: ADI (Analog Devices, Inc.)                  Description: IC DAC 16BIT 2.25GSPS 56LFCSP                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>AD9148BBCZ</b>                  Manufacturers: ADI (Analog Devices, Inc.)                  Description: IC DAC 16BIT QD 1GSPS 196CSBGA                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>AD9148BBCZRL</b>                  Manufacturers: ADI (Analog Devices, Inc.)                  Description: IC DAC 16BIT QD 1GSPS 196CSBGA                  In stock: Out stock  <a href="#">RFQ</a></p>

