

AD9218BSTZ-RL40





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**Part Number:** [AD9218BSTZ-RL40](#)

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

**Description** IC ADC 10BIT DUAL 40MSPS 48-LQFP

**Data sheet:**  [AD9218](#)

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

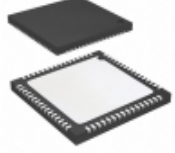
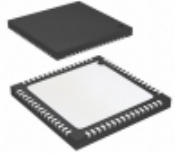
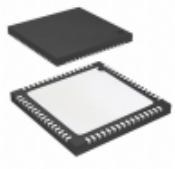
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                      |                                  |                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------|--------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                       | AD9218BSTZ-RL40                                                      | Manufacturer                     | <a href="#">ADI (Analog Devices, Inc.)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                       | IC ADC 10BIT DUAL 40MSPS 48-LQFP                                     | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                | 9094 pcs                                                             | Data sheet                       | <a href="#">AD9218</a>                     |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a>                            | Voltage - Supply, Digital        | 2.7 V ~ 3.6 V                              |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                          | 2.7 V ~ 3.6 V                                                        | Supplier Device Package          | 48-LQFP (7x7)                              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                            | -                                                                    | Sampling Rate (Per Second)       | 40M                                        |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                    | Internal                                                             | Ratio - S/H:ADC                  | 1:1                                        |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                         | Tape & Reel (TR)                                                     | Package / Case                   | 48-LQFP                                    |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                       | AD9218BSTZ-RL40-ND<br>AD9218BSTZ-RL40TR                              | Operating Temperature            | -40°C ~ 85°C                               |
| Number of Inputs                                                                                                                                                                                                                                                                                                                                                                                                                  | 2                                                                    | Number of Bits                   | 10                                         |
| Number of A/D Converters                                                                                                                                                                                                                                                                                                                                                                                                          | 2                                                                    | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                              |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                   | 7 Weeks                                                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                 |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                                        | Differential, Single Ended                                           | Features                         | Simultaneous Sampling                      |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                              | 10 Bit Analog to Digital Converter 2 Input 2 Pipelined 48-LQFP (7x7) | Data Interface                   | Parallel                                   |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                                     | S/H-ADC                                                              | Base Part Number                 | AD9218                                     |
| 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 9094 pieces of ADI (Analog Devices, Inc.) AD9218BSTZ-RL40 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="#">AD9218BSTZ-105</a><br>Description: IC ADC 10BIT DUAL 105MSPS 48LQFP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9218BST-RL105</a><br>Description: IC ADC 10BIT DUAL 105MSPS 48LQFP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9219ABCPZRL7-40</a><br>Description: IC ADC 10BIT SRL 40MSPS 48LFCSP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9220ARS-REEL</a><br>Description: IC ADC 12BIT 10MSPS 28-SSOP         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9219ABCPZ-40</a><br>Description: IC ADC 10BIT SRL 40MSPS 48LFCSP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9216BCPZRL7-105</a><br>Description: IC ADC 10BIT DL 105MSPS 64-LFCSP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9220AR-REEL</a><br>Description: IC ADC 12BIT 10MSPS 28-SOIC          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9218BSTZ-40</a><br>Description: IC ADC 10BIT DUAL 40MSPS 48-LQFP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9219-65EBZ</a><br>Description: BOARD EVALUATION FOR AD9219           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9218BSTZ-RL80</a><br>Description: IC ADC 10BIT DUAL 80MSPS 48-LQFP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9220ARS</a><br>Description: IC ADC 12BIT 10MSPS 28-SSOP              | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9216BCPZRL7-65</a><br>Description: IC ADC 10BIT DUAL 65MSPS 64LFCSP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9218BST-105</a><br>Description: IC ADC 10BIT DUAL 105MSPS 48LQFP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9218BSTZ-RL65</a><br>Description: IC ADC 10BIT DUAL 65MSPS 48-LQFP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9218BSTZ-RL105</a><br>Description: IC ADC 10BIT DUAL 105MSPS 48LQFP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9218BSTZ-80</a><br>Description: IC ADC 10BIT DUAL 80MSPS 48-LQFP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9220AR</a><br>Description: IC ADC 12BIT 10MSPS 28-SOIC               | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9216BCPZRL7-80</a><br>Description: IC ADC 10BIT DUAL 80MSPS 64LFCSP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9218BSTZ-65</a><br>Description: IC ADC 10BIT DUAL 65MSPS 48-LQFP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AD9219ABCPZ-65</a><br>Description: IC ADC 10BIT SRL 65MSPS 48LFCSP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |

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