

AD7991YRJZ-0RL





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Part Number: [AD7991YRJZ-0RL](#)

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

Description: IC ADC 12BIT 4CH I2C SOT23-8

Data sheet:  [AD7991,95,99](#)

RoHs Status: Lead free / RoHS Compliant

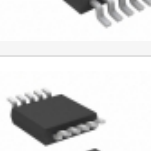
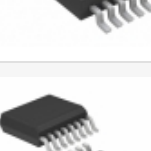
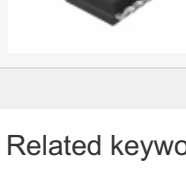
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                           |                                 |                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|--------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | AD7991YRJZ-0RL                            | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a>                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | IC ADC 12BIT 4CH I2C SOT23-8              | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 22056 pcs                                 | Data sheet                      | <a href="#">AD7991,95,99</a>                                 |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Digital       | 2.7 V ~ 5.5 V                                                |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2.7 V ~ 5.5 V                             | Supplier Device Package         | SOT-23-8                                                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -                                         | Sampling Rate (Per Second)      | 140k                                                         |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | External                                  | Ratio - S/H:ADC                 | 1:1                                                          |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Tape & Reel (TR)                          | Package / Case                  | SOT-23-8                                                     |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -40°C ~ 125°C                             | Number of Inputs                | 3, 4                                                         |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 12                                        | Number of A/D Converters        | 1                                                            |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1 (Unlimited)                             | Manufacturer Standard Lead Time | 17 Weeks                                                     |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Lead free / RoHS Compliant                | Input Type                      | Single Ended                                                 |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -                                         | Detailed Description            | 12 Bit Analog to Digital Converter 3, 4 Input 1 SAR SOT-23-8 |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | I <sup>2</sup> C                          | Configuration                   | MUX-S/H-ADC                                                  |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | AD7991                                    | Architecture                    | SAR                                                          |
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| RELATED PRODUCTS                                                                   |                                                                                            |                                                           |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  | Part#: <a href="#">AD7992BRMZ-1</a><br>Description: IC ADC 12BIT 2CHAN I2C 10-MSOP         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7989-1BCPZ-RL7</a><br>Description: IC ADC 18BIT 100KSPS SAR 10LFCSP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7989-5BRMZ-RL7</a><br>Description: IC ADC 18BIT 500KSPS SAR 10MSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7989-5BCPZ-RL7</a><br>Description: IC ADC 18BIT 500KSPS SAR 10LFCSP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7989-5BRMZ</a><br>Description: IC ADC 18BIT 500KSPS SAR 10MSOP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7993BRU-0REEL</a><br>Description: IC ADC 10BIT 4CHAN I2C 16TSSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7989-1BCPZ-R2</a><br>Description: IC ADC 18BIT 100KSPS SAR 10LFCSP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7989-1BRMZ-RL7</a><br>Description: IC ADC 18BIT 100KSPS SAR 10MSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7991YRJZ-1500RL7</a><br>Description: IC ADC 12BIT 4CH SAR I2C SOT23-8 | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7992BRMZ-0</a><br>Description: IC ADC 12BIT 2CHAN I2C 10MSOP          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7991YRJZ-1RL</a><br>Description: IC ADC 12BIT 4CH I2C SOT23-8         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7992BRMZ-1REEL</a><br>Description: IC ADC 12BIT 2CHAN I2C 10MSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7989-1BRMZ</a><br>Description: IC ADC 18BIT 100KSPS SAR 10MSOP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7988-5CCPZ-RL7</a><br>Description: 500KSPS, LOW POWER, 16 BIT USAR    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7991YRJZ-0500RL7</a><br>Description: IC ADC 12BIT 4CH SAR I2C SOT23-8 | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7993BRU-1</a><br>Description: IC ADC 10BIT 4CHAN I2C 16TSSOP          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7989-5BCPZ-R2</a><br>Description: IC ADC 18BIT 500KSPS SAR 10LFCSP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7992BRMZ-1-R2</a><br>Description: IC ADC 12BIT 2CHAN I2C 10MSOP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7992BRMZ-0REEL</a><br>Description: IC ADC 12BIT 2CHAN I2C 10MSOP      | Manufacturers: <a href="#">Analog Devices Inc.</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">AD7993BRU-0</a><br>Description: IC ADC 10BIT 4CH W/I2C 16-TSSOP         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |

Related keywords for AD7991YRJZ-0RL

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