

ADS7950SRGET



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Part Number: [ADS7950SRGET](#)

Manufacturer: [N/A](#)

Description: [IC ADC 12BIT 1MSPS 4CH 24VQFN](#)

Data sheet:

RoHs Status: [Lead free / RoHS Compliant](#)

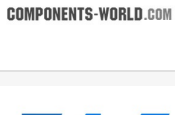
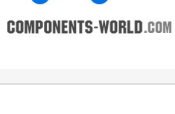
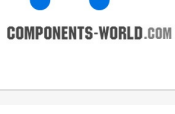
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                |                                  |                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|----------------------------------|----------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                              | ADS7950SRGET                                                   | Manufacturer                     | N/A                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                              | IC ADC 12BIT 1MSPS 4CH 24VQFN                                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                       | 29325 pcs                                                      | Data sheet                       |                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a>                      | Voltage - Supply, Digital        | 1.7 V ~ 5.25 V             |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                 | 2.7 V ~ 5.25 V                                                 | Supplier Device Package          | 24-VQFN (4x4)              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                   | microPOWER™                                                    | Sampling Rate (Per Second)       | 1M                         |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                           | External                                                       | Ratio - S/H:ADC                  | 1:1                        |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                | Tape & Reel (TR)                                               | Package / Case                   | 24-VQFN Exposed Pad        |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                              | 296-25839-2                                                    | Operating Temperature            | -40°C ~ 125°C              |
| Number of Inputs                                                                                                                                                                                                                                                                                                                                                                                                         | 4                                                              | Number of Bits                   | 12                         |
| Number of A/D Converters                                                                                                                                                                                                                                                                                                                                                                                                 | 1                                                              | Moisture Sensitivity Level (MSL) | 3 (168 Hours)              |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                          | 12 Weeks                                                       | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                               | Single Ended                                                   | Features                         | -                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                     | 12 Bit Analog to Digital Converter 4 Input 1 SAR 24-VQFN (4x4) | Data Interface                   | SPI                        |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                            | MUX-S/H-ADC                                                    | Base Part Number                 | ADS7950                    |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                             | SAR                                                            |                                  |                            |
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|  | Part#: <a href="#">ADS7951SBRGER</a><br>Description: <a href="#">IC ADC 12BIT 1MSPS 8CH 24VQFN</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7950SRGER</a><br>Description: <a href="#">IC ADC 12BIT 1MSPS 4CH 24VQFN</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7951SDBDTG4</a><br>Description: <a href="#">IC ADC 12-BIT 1MSPS 8CH 30-TSSOP</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7950SBRGET</a><br>Description: <a href="#">IC ADC 12BIT 1MSPS 4CH 24VQFN</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ADS7951SRGER</a><br>Description: <a href="#">IC ADC 12BIT 1MSPS 8CH 24VQFN</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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