

ADS7949SRTER



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Part Number: [ADS7949SRTER](#)

Manufacturer: [N/A](#)

Description: [IC ADC 8BIT SRL 2MSPS 16WQFN](#)

Data sheet:

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

Ship From: [Hong Kong](#)

Shipment Way: [DHL/Fedex/TNT/UPS/EMS](#)

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                        |                                                               |                                  |                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------------------------|----------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                              | ADS7949SRTER                                                  | Manufacturer                     | N/A                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                              | IC ADC 8BIT SRL 2MSPS 16WQFN                                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                       | 62156 pcs                                                     | Data sheet                       |                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a>                     | Voltage - Supply, Digital        | 1.65 V ~ 5.25 V            |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                 | 2.7 V ~ 5.25 V                                                | Supplier Device Package          | 16-WQFN (3x3)              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                                             | Sampling Rate (Per Second)       | 2M                         |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                           | External                                                      | Ratio - S/H:ADC                  | 1:1                        |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                | Tape & Reel (TR)                                              | Package / Case                   | 16-WQFN Exposed Pad        |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                              | 296-27833-2                                                   | Operating Temperature            | -40°C ~ 125°C              |
| Number of Inputs                                                                                                                                                                                                                                                                                                                                                                                                         | 2                                                             | Number of Bits                   | 8                          |
| Number of A/D Converters                                                                                                                                                                                                                                                                                                                                                                                                 | 1                                                             | Moisture Sensitivity Level (MSL) | 2 (1 Year)                 |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                          | 26 Weeks                                                      | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                               | Pseudo-Differential                                           | Features                         | -                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                     | 8 Bit Analog to Digital Converter 2 Input 1 SAR 16-WQFN (3x3) | Data Interface                   | SPI                        |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                            | MUX-S/H-ADC                                                   | Base Part Number                 | ADS7949                    |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                             | SAR                                                           |                                  |                            |
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| RELATED PRODUCTS                                                                   |                                                                                                        |                                    |                |
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|  | Part#: <a href="#">ADS7950QDBTRQ1</a><br>Description: <a href="#">IC ADC 12BIT 1MSPS 4CH 30TSSOP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7946EVM-PDK</a><br>Description: <a href="#">KIT PERFORMANCE DEMO FOR ADS7946</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7950SDBDT</a><br>Description: <a href="#">IC ADC 12BIT 1MSPS 4CH 30-TSSOP</a>    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7947SRTER</a><br>Description: <a href="#">IC ADC 12BIT SRL 2MSPS 16WQFN</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7948SRTE</a><br>Description: <a href="#">IC ADC 10BIT SRL 2MSPS 16WQFN</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> |
|  | Part#: <a href="#">ADS7949SRTE</a><br>Description: <a href="#">IC ADC 8BIT SRL 2MSPS 16WQFN</a>        | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7950SDBDBTR</a><br>Description: <a href="#">IC ADC 12BIT SER 1M 30TSSOP</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7947SRTE</a><br>Description: <a href="#">IC ADC 12BIT SRL 2MSPS 16WQFN</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7946SRTER</a><br>Description: <a href="#">IC ADC 14BIT SPI 2MSPS 16WQFN</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7950SDBT</a><br>Description: <a href="#">IC ADC 12BIT 1MSPS 4CH 30-TSSOP</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7945SRTE</a><br>Description: <a href="#">IC ADC 14BIT SPI 2MSPS 16WQFN</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7945SRTER</a><br>Description: <a href="#">IC ADC 14BIT SPI 2MSPS 16WQFN</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7950SDBDTG4</a><br>Description: <a href="#">IC ADC 12-BIT 1MSPS 4CH 30TSSOP</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7950SDBTR</a><br>Description: <a href="#">IC ADC 12BIT SER 1M 30TSSOP</a>        | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7950SBRGER</a><br>Description: <a href="#">IC ADC 12BIT 1MSPS 4CH 24VQFN</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7945EVM-PDK</a><br>Description: <a href="#">KIT PERFORMANCE DEMO FOR ADS7945</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7950SDBTG4</a><br>Description: <a href="#">IC ADC 12-BIT 1MSPS 4CH 30TSSOP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7948SRTER</a><br>Description: <a href="#">IC ADC 10BIT SRL 2MSPS 16WQFN</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7946SRTE</a><br>Description: <a href="#">IC ADC 14BIT SPI 2MSPS 16WQFN</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |

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