

ADS4122IRGZT



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Part Number: [ADS4122IRGZT](#)

Manufacturer: [N/A](#)

Description: [IC ADC 12BIT SRL 65MSPS 48VQFN](#)

Data sheet:

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

Ship From: [Hong Kong](#)

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

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                      |                                  |                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------|----------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                             | ADS4122IRGZT                                                         | Manufacturer                     | N/A                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                             | IC ADC 12BIT SRL 65MSPS 48VQFN                                       | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                      | 9593 pcs                                                             | Data sheet                       |                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a>                            | Voltage - Supply, Digital        | 1.7 V ~ 1.9 V              |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                | 1.7 V ~ 1.9 V                                                        | Supplier Device Package          | 48-VQFN (7x7)              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                                                    | Sampling Rate (Per Second)       | 65M                        |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                          | Internal                                                             | Ratio - S/H:ADC                  | 1:1                        |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                               | Tape & Reel (TR)                                                     | Package / Case                   | 48-VQFN Exposed Pad        |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                             | 296-28332-2                                                          | Operating Temperature            | -40°C ~ 85°C               |
| Number of Inputs                                                                                                                                                                                                                                                                                                                                                                                                        | 1                                                                    | Number of Bits                   | 12                         |
| Number of A/D Converters                                                                                                                                                                                                                                                                                                                                                                                                | 1                                                                    | Moisture Sensitivity Level (MSL) | 3 (168 Hours)              |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                         | 8 Weeks                                                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                              | Differential                                                         | Features                         | -                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                    | 12 Bit Analog to Digital Converter 1 Input 1 Pipelined 48-VQFN (7x7) | Data Interface                   | LVDS - Parallel, Parallel  |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                           | S/H-ADC                                                              | Base Part Number                 | ADS4122                    |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                            | Pipelined                                                            |                                  |                            |
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| RELATED PRODUCTS                                                                   |                                                                                                         |                                                       |                |
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|  | Part#: <a href="#">ADS2807Y/250G4</a><br>Description: <a href="#">IC ADC 12BIT DUAL 50MHZ 64-HTQFP</a>  | Manufacturers: <a href="#">N/A</a>                    | <div>RFQ</div> |
|  | Part#: <a href="#">ADS4125EVM</a><br>Description: <a href="#">EVAL MODULE FOR ADS4125</a>               | Manufacturers: <a href="#">N/A</a>                    | <div>RFQ</div> |
|  | Part#: <a href="#">ADS4125IRGZR</a><br>Description: <a href="#">IC ADC 12BIT SRL 125MSPS 48VQFN</a>     | Manufacturers: <a href="#">N/A</a>                    | <div>RFQ</div> |
|  | Part#: <a href="#">ADS4122IRGZR</a><br>Description: <a href="#">IC ADC 12BIT SRL 65MSPS 48VQFN</a>      | Manufacturers: <a href="#">N/A</a>                    | <div>RFQ</div> |
|  | Part#: <a href="#">ADS4128IRGZ25</a><br>Description: <a href="#">IC ADC 12BIT PAR 200MSPS 48VQFN</a>    | Manufacturers: <a href="#">N/A</a>                    | <div>RFQ</div> |
|  | Part#: <a href="#">ADS4125IRGZT</a><br>Description: <a href="#">IC ADC 12BIT SRL 125MSPS 48VQFN</a>     | Manufacturers: <a href="#">N/A</a>                    | <div>RFQ</div> |
|  | Part#: <a href="#">ADS37A-KG-TAXB5</a><br>Description: <a href="#">CONN D-SUB PLUG 37POS R/A SOLDER</a> | Manufacturers: <a href="#">ASSMANN WSW Components</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS4122EVM</a><br>Description: <a href="#">EVAL MODULE FOR ADS4122</a>               | Manufacturers: <a href="#">N/A</a>                    | <div>RFQ</div> |
|  | Part#: <a href="#">ADS2807Y/250</a><br>Description: <a href="#">IC A/D 12BIT DUAL HS 64-HTQFP</a>       | Manufacturers: <a href="#">N/A</a>                    | <div>RFQ</div> |
|  | Part#: <a href="#">ADS37A-KG-TASB5</a><br>Description: <a href="#">CONN D-SUB PLUG 37POS R/A SOLDER</a> | Manufacturers: <a href="#">ASSMANN WSW Components</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS4128EVM</a><br>Description: <a href="#">EVAL MODULE FOR ADS4128</a>               | Manufacturers: <a href="#">N/A</a>                    | <div>RFQ</div> |
|  | Part#: <a href="#">ADS2807Y/1K5G4</a><br>Description: <a href="#">IC ADC 12BIT DUAL 50MHZ 64-HTQFP</a>  | Manufacturers: <a href="#">N/A</a>                    | <div>RFQ</div> |
|  | Part#: <a href="#">ADS4126EVM</a><br>Description: <a href="#">EVAL MODULE FOR ADS4126</a>               | Manufacturers: <a href="#">N/A</a>                    | <div>RFQ</div> |
|  | Part#: <a href="#">ADS2806Y/250</a><br>Description: <a href="#">IC A/D 12BIT DUAL HS 64-HTQFP</a>       | Manufacturers: <a href="#">N/A</a>                    | <div>RFQ</div> |
|  | Part#: <a href="#">ADS4126IRGZ25</a><br>Description: <a href="#">IC ADC 12BIT SRL 160MSPS 48VQFN</a>    | Manufacturers: <a href="#">N/A</a>                    | <div>RFQ</div> |
|  | Part#: <a href="#">ADS4128IRGZR</a><br>Description: <a href="#">IC ADC 12BIT PAR 200MSPS 48VQFN</a>     | Manufacturers: <a href="#">N/A</a>                    | <div>RFQ</div> |
|  | Part#: <a href="#">ADS2807-EVM</a><br>Description: <a href="#">EVAL MOD FOR ADS2807</a>                 | Manufacturers: <a href="#">N/A</a>                    | <div>RFQ</div> |
|  | Part#: <a href="#">ADS4126IRGZR</a><br>Description: <a href="#">IC ADC 12BIT SRL 160MSPS 48VQFN</a>     | Manufacturers: <a href="#">N/A</a>                    | <div>RFQ</div> |
|  | Part#: <a href="#">ADS2807Y/1K5</a><br>Description: <a href="#">IC A/D 12BIT DUAL HS 64-HTQFP</a>       | Manufacturers: <a href="#">N/A</a>                    | <div>RFQ</div> |
|  | Part#: <a href="#">ADS4126IRGZT</a><br>Description: <a href="#">IC ADC 12BIT SRL 160MSPS 48VQFN</a>     | Manufacturers: <a href="#">N/A</a>                    | <div>RFQ</div> |

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