

ADS5562IRGZT



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Part Number: [ADS5562IRGZT](#)

Manufacturer: [N/A](#)

Description: [IC ADC 16BIT 80MSPS 48-QFN](#)

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                                                                                                                                                                                                                                                                                                                                                                                                             | ADS5562IRGZT                                                         | Manufacturer                     | N/A                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                             | IC ADC 16BIT 80MSPS 48-QFN                                           | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                      | 1456 pcs                                                             | Data sheet                       |                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a>                            | Voltage - Supply, Digital        | 3 V ~ 3.6 V                |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                | 3 V ~ 3.6 V                                                          | Supplier Device Package          | 48-VQFN (7x7)              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                                                    | Sampling Rate (Per Second)       | 80M                        |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                          | Internal                                                             | Ratio - S/H:ADC                  | 1:1                        |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                               | Original-Reel®                                                       | Package / Case                   | 48-VQFN Exposed Pad        |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                             | 296-23419-6                                                          | Operating Temperature            | -40°C ~ 85°C               |
| Number of Inputs                                                                                                                                                                                                                                                                                                                                                                                                        | 1                                                                    | Number of Bits                   | 16                         |
| Number of A/D Converters                                                                                                                                                                                                                                                                                                                                                                                                | 1                                                                    | Moisture Sensitivity Level (MSL) | 3 (168 Hours)              |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                         | 20 Weeks                                                             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                              | Differential                                                         | Features                         | -                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                    | 16 Bit Analog to Digital Converter 1 Input 1 Pipelined 48-VQFN (7x7) | Data Interface                   | LVDS - Parallel, Parallel  |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                           | S/H-ADC                                                              | Base Part Number                 | ADS5562                    |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                            | Pipelined                                                            |                                  |                            |
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|  | Part#: <a href="#">ADS5560EVM</a><br>Description: <a href="#">EVAL MODULE FOR ADS5560</a>            | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS58B18IRGZT</a><br>Description: <a href="#">IC ADC 11BIT 200MSPS 48VQFN</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ADS5560IRGZR</a><br>Description: <a href="#">IC ADC 16BIT SER/PAR 40M 48VQFN</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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