

ADS7881IRGZT



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**Part Number:** [ADS7881IRGZT](#)

**Manufacturer:** N/A

**Description:** IC ADC 12BIT 4MSPS SAR 48-VQFN

**Data sheet:**

**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                |                                  |                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|----------------------------------|----------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                             | ADS7881IRGZT                                                   | Manufacturer                     | N/A                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                             | IC ADC 12BIT 4MSPS SAR 48-VQFN                                 | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                      | 8927 pcs                                                       | Data sheet                       |                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a>                      | Voltage - Supply, Digital        | 2.7 V ~ 5.25 V             |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                | 5V                                                             | Supplier Device Package          | 48-VQFN (7x7)              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                                              | Sampling Rate (Per Second)       | 4M                         |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                          | External, Internal                                             | Ratio - S/H:ADC                  | 1:1                        |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                               | Tape & Reel (TR)                                               | Package / Case                   | 48-VQFN Exposed Pad        |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                             | 296-19489-2<br>ADS7881IRGZTG4<br>ADS7881IRGZTG4-ND             | Operating Temperature            | -40°C ~ 85°C               |
| Number of Inputs                                                                                                                                                                                                                                                                                                                                                                                                        | 1                                                              | Number of Bits                   | 12                         |
| Number of A/D Converters                                                                                                                                                                                                                                                                                                                                                                                                | 1                                                              | Moisture Sensitivity Level (MSL) | 2 (1 Year)                 |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                         | 28 Weeks                                                       | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                              | Pseudo-Differential                                            | Features                         | -                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                    | 12 Bit Analog to Digital Converter 1 Input 1 SAR 48-VQFN (7x7) | Data Interface                   | Parallel                   |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                           | S/H-ADC                                                        | Base Part Number                 | ADS7881                    |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                            | SAR                                                            |                                  |                            |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                    |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------------------|----------------|
|  | Part#: <a href="#">ADS7884SDBVT</a><br>Description: IC ADC 10BIT 3MSPS SOT23-6        | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7882IPFBR</a><br>Description: ADC 12BIT 3MSPS LP SAR 48-TQFP    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7871IDBG4</a><br>Description: IC 14BIT 48KSPS DAS W/ADC 28SSOP  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7871IDBRG4</a><br>Description: IC 14BIT 48KSPS DAS W/ADC 28SSOP | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7871IDB</a><br>Description: IC 14BIT 48KSPS DAS W/ADC 28SSOP    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7884EVM</a><br>Description: EVAL MODULE FOR ADS7884             | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7871IDBR</a><br>Description: IC 14BIT 48KSPS DAS W/ADC 28SSOP   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7883SDBVT</a><br>Description: IC ADC 12BIT 3MSPS SOT23-6        | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7883EVM</a><br>Description: EVAL MODULE FOR ADS7883             | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7871EVM</a><br>Description: EVALUATION MODULE FOR ADS7871       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7883SDBVT</a><br>Description: IC ADC 12BIT 3MSPS SOT23-6        | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7870EVM</a><br>Description: EVALUATION MODULE FOR ADS7870       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7883SDBVR</a><br>Description: IC ADC 12-BIT 3MSPS SOT23-6       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7881IRGZR</a><br>Description: IC ADC 12BIT 4MSPS LP SAR 48VQFN  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7883SDBVR</a><br>Description: IC ADC 12-BIT 3MSPS SOT23-6       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7881EVM</a><br>Description: EVALUATION MODULE FOR ADS7881       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7881IPFBR</a><br>Description: IC ADC 12BIT 4MSPS LP SAR 48TQFP  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7881PFBT</a><br>Description: IC ADC 12BIT 4MSPS LP SAR 48TQFP   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7884SDBVR</a><br>Description: IC ADC 10BIT SER 3M SOT23-6       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7882IPFBT</a><br>Description: IC ADC 12BIT 3MSPS LP SAR 48TQFP  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |

| Related keywords for ADS7881IRGZT |                          |                       |                    |
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