

ADS61B29IRGZR



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Part Number: [ADS61B29IRGZR](#)

Manufacturer: [N/A](#)

Description: [IC ADC 12BIT 250MSPS BUFF 48QFN](#)

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                                                                                                                                                                                                                                                                                                                                                                                                              | ADS61B29IRGZR                             | Manufacturer                    | N/A                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                              | IC ADC 12BIT 250MSPS BUFF 48QFN           | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                       | 1415 pcs                                  | Data sheet                      |                                                                      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Digital       | 1.7 V ~ 1.9 V                                                        |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                 | 3 V ~ 3.6 V                               | Supplier Device Package         | 48-VQFN (7x7)                                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                         | Sampling Rate (Per Second)      | 250M                                                                 |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                           | External, Internal                        | Ratio - S/H:ADC                 | 1:1                                                                  |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                | Tape & Reel (TR)                          | Package / Case                  | 48-VQFN Exposed Pad                                                  |
| 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 | 20 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                                                                                                                                                                                                                                                                                                                                                                                                         | ADS61B29                                  | Architecture                    | Pipelined                                                            |
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