

ADS6242IRGZR



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Part Number: [ADS6242IRGZR](#)

Manufacturer: [N/A](#)

Description: [IC ADC 14BIT SER/PAR 65M 48VQFN](#)

Data sheet:

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

Ship From: [Hong Kong](#)

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

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| PRODUCT PARAMETER              |                                           |                                  |                                                                      |
|--------------------------------|-------------------------------------------|----------------------------------|----------------------------------------------------------------------|
| Part Number                    | ADS6242IRGZR                              | Manufacturer                     | N/A                                                                  |
| Description                    | IC ADC 14BIT SER/PAR 65M 48VQFN           | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                           |
| Quantity Available             | 6037 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)       | 65M                                                                  |
| Reference Type                 | External, Internal                        | Ratio - S/H:ADC                  | 1:1                                                                  |
| Packaging                      | Tape & Reel (TR)                          | Package / Case                   | 48-VFQFN Exposed Pad                                                 |
| Other Names                    | ADS6242IRGZRG4<br>ADS6242IRGZRG4-ND       | Operating Temperature            | -40°C ~ 85°C                                                         |
| Number of Inputs               | 2                                         | Number of Bits                   | 14                                                                   |
| Number of A/D Converters       | 2                                         | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                        |
| Lead Free Status / RoHS Status | Lead free / RoHS Compliant                | Input Type                       | Differential                                                         |
| Features                       | Simultaneous Sampling                     | Detailed Description             | 14 Bit Analog to Digital Converter 2 Input 2 Pipelined 48-VQFN (7x7) |
| Data Interface                 | LVDS - Serial                             | Configuration                    | S/H-ADC                                                              |
| Base Part Number               | ADS6242                                   | Architecture                     | Pipelined                                                            |

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