

ADS6245IRGZT



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Part Number: [ADS6245IRGZT](#)

Manufacturer: [N/A](#)

Description: [IC ADC 14BIT 125MSPS DUAL 48VQFN](#)

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                                                                                                                                                                                                                                                                                                                                                                                                             | ADS6245IRGZT                                                         | Manufacturer                     | N/A                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                             | IC ADC 14BIT 125MSPS DUAL 48VQFN                                     | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                      | 1409 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)       | 125M                       |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                          | External, Internal                                                   | Ratio - S/H:ADC                  | 1:1                        |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                               | Tape & Reel (TR)                                                     | Package / Case                   | 48-VFQFN Exposed Pad       |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                             | 296-22028-2<br>ADS6245IRGZTG4<br>ADS6245IRGZTG4-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)              |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                         | 12 Weeks                                                             | 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                 | ADS6245                    |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                            | Pipelined                                                            |                                  |                            |
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| RELATED PRODUCTS                                                                   |                                                                                                         |                                    |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|------------------------------------|----------------|
|  | Part#: <a href="#">ADS6245IRGZ25</a><br>Description: <a href="#">IC ADC 14BIT SRL 125MSPS 48VQFN</a>    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS62C17IRGCR</a><br>Description: <a href="#">IC ADC 11BIT SRL/PAR 200M 64VQFN</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS62P15EVM</a><br>Description: <a href="#">ADS62P15EVM</a>                          | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS62C17EVM</a><br>Description: <a href="#">EVAL MODULE FOR ADS62C17</a>             | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS6243IRGZT</a><br>Description: <a href="#">IC ADC 14BIT 80MSPS DUAL 48-VQFN</a>    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS62C15IRGCR</a><br>Description: <a href="#">IC ADC 11BIT SER/PAR 125M 64VQFN</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ADS62C17IRGC25</a><br>Description: <a href="#">IC ADC 11BIT 200MSPS DUAL 64VQFN</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ADS62C15IRGC25</a><br>Description: <a href="#">IC ADC 11BIT PAR 125MSPS 64VQFN</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS6244IRGZTG4</a><br>Description: <a href="#">IC ADC 14BIT SER/PAR 105M 48VQFN</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS62C15EVM</a><br>Description: <a href="#">ADS62C15EVM</a>                          | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS62C15IRGCT</a><br>Description: <a href="#">IC ADC 11BIT DUAL 125MSPS 64VQFN</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS62C15IRGCTG4</a><br>Description: <a href="#">IC ADC 11BIT SER/PAR 125M 64VQFN</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS6245EVM</a><br>Description: <a href="#">ADS6245EVM</a>                            | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS6244EVM</a><br>Description: <a href="#">ADS6244EVM</a>                            | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS6245IRGZR</a><br>Description: <a href="#">IC ADC 14BIT SER/PAR 125M 48VQFN</a>    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS6244IRGZRG4</a><br>Description: <a href="#">IC ADC 14BIT SER/PAR 105M 48VQFN</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS62C17IRGCT</a><br>Description: <a href="#">IC ADC 11BIT DUAL 200MSPS 64VQFN</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |

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