

ADS42LB49IRGC25



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Part Number: [ADS42LB49IRGC25](#)

Manufacturer: [N/A](#)

Description: [IC ADC 12BIT 250MSPS DUAL 64VQFN](#)

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                                                                                                                                                                                                                                                                                                                                                                                                               | ADS42LB49IRGC25                                                      | Manufacturer                   | N/A                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                               | IC ADC 12BIT 250MSPS DUAL 64VQFN                                     | Lead Free Status / RoHS Status | Lead free / RoHS Compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                        | 408 pcs                                                              | Data sheet                     |                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>                            | Voltage - Supply, Digital      | 1.7 V ~ 1.9 V              |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                  | 3.15 V ~ 3.45 V                                                      | Supplier Device Package        | 64-VQFN (9x9)              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                    | *                                                                    | Sampling Rate (Per Second)     | 250M                       |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                            | Internal                                                             | Ratio - S/H:ADC                | 1:1                        |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                 | Tube                                                                 | Package / Case                 | 64-VFQFN Exposed Pad       |
| 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 64-VQFN (9x9) | Data Interface                 | LVDS - Parallel            |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                             | S/H-ADC                                                              | Base Part Number               | ADS42LB49                  |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                              | Pipelined                                                            |                                |                            |
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| RELATED PRODUCTS                                                                   |                                                                                                         |                                    |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|------------------------------------|----------------|
|  | Part#: <a href="#">ADS42JB49IRGCR</a><br>Description: <a href="#">ANALOG TO DIGITAL CONVERTERS - A</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS42JB69SEK</a><br>Description: <a href="#">KIT SYSTEM EVAL FOR ADS42JB69</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS42LB69IRGCR</a><br>Description: <a href="#">ANALOG TO DIGITAL CONVERTERS - A</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS42JB69IRGC25</a><br>Description: <a href="#">IC ADC 16BIT 250MSPS 64 VQFN</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS4449IZCRR</a><br>Description: <a href="#">IC ADC 14BIT QUAD 250MSPS 144NFB</a>    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS42JB69IRGCR</a><br>Description: <a href="#">IC ADC 16BIT 250MSPS 64 VQFN</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS42LB69IRGC25</a><br>Description: <a href="#">IC ADC 16BIT 250MSPS DUAL 64VQFN</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS42LB49IRGCR</a><br>Description: <a href="#">ANALOG TO DIGITAL CONVERTERS - A</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS42JB69IRGCT</a><br>Description: <a href="#">IC ADC 16BIT 250MSPS 64VQFN</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS42LB69EVM</a><br>Description: <a href="#">MODULE EVAL FOR ADS42LB69</a>           | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS5102CPFB</a><br>Description: <a href="#">IC ADC 10BIT ANLG-SPLY 48-TQFP</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS42JB69EVM</a><br>Description: <a href="#">MODULE EVAL FOR ADS42JB69</a>           | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS42JB49IRGC25</a><br>Description: <a href="#">ANALOG TO DIGITAL CONVERTERS - A</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS42LB49IRGCT</a><br>Description: <a href="#">IC ADC 12BIT 250MSPS DUAL 64VQFN</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS42LB49EVM</a><br>Description: <a href="#">MODULE EVAL FOR ADS42LB49</a>           | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS42JB49IRGCT</a><br>Description: <a href="#">IC ADC 14BIT 250MSPS 64 VQFN</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS4449EVM</a><br>Description: <a href="#">ADS4449EVM EVALUATION MODULE</a>          | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS42LB69IRGCT</a><br>Description: <a href="#">IC ADC 16BIT 250MSPS DUAL 64VQFN</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS42JB49SEK</a><br>Description: <a href="#">KIT SYSTEM EVAL FOR ADS42JB49</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS4449IZCR</a><br>Description: <a href="#">IC ADC 14BIT QUAD 250MSPS 144NFB</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |

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