

ADS8413IBRGZRG4



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Part Number: [ADS8413IBRGZRG4](#)

Manufacturer: [N/A](#)

Description: [IC ADC 16BIT 2MSPS 48-VQFN](#)

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                                                                                                                                                                                                                                                                                                                                                                                                                | ADS8413IBRGZRG4                                                | Manufacturer                   | N/A                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                | IC ADC 16BIT 2MSPS 48-VQFN                                     | Lead Free Status / RoHS Status | Lead free / RoHS Compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                         | 5260 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)     | 2M                         |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                             | External, Internal                                             | Ratio - S/H:ADC                | 1:1                        |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                  | Tape & Reel (TR)                                               | Package / Case                 | 48-VFQFN Exposed Pad       |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                      | -40°C ~ 85°C                                                   | Number of Inputs               | 1                          |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                             | 16                                                             | Number of A/D Converters       | 1                          |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                           | 2 (1 Year)                                                     | Lead Free Status / RoHS Status | Lead free / RoHS Compliant |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                                 | Differential                                                   | Features                       | -                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                       | 16 Bit Analog to Digital Converter 1 Input 1 SAR 48-VQFN (7x7) | Data Interface                 | LVDS - Serial              |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                              | S/H-ADC                                                        | Base Part Number               | ADS8413                    |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                               | SAR                                                            |                                |                            |
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| RELATED PRODUCTS                                                                   |                                                                                                   |                                    |                |
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|  | Part#: <a href="#">ADS8413IBRGZR</a><br>Description: <a href="#">IC ADC 16BIT 2MSPS 48-VQFN</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS8413IBRGZT</a><br>Description: <a href="#">IC ADC 16BIT 2MSPS 48-VQFN</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS8412IBPFBR</a><br>Description: <a href="#">IC ADC 16BIT 2MSPS 48-TQFP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS8411IPFBRG4</a><br>Description: <a href="#">IC ADC 16BIT 2MSPS 48-TQFP</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ADS8422IBPFBR</a><br>Description: <a href="#">IC ADC 16BIT PAR 4M 48TQFP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ADS8412IBPFBTG4</a><br>Description: <a href="#">IC ADC 16BIT 2MSPS 48-TQFP</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS8411IPFBT</a><br>Description: <a href="#">IC ADC 16BIT 2MSPS 48-TQFP</a>    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS8422IBPFBT</a><br>Description: <a href="#">IC ADC 16BIT 4MSPS 48-TQFP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ADS8422EVM</a><br>Description: <a href="#">EVAL MODULE FOR ADS8422-ADC</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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