

ADS8332IBRGET



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Part Number: [ADS8332IBRGET](#)

Manufacturer: [N/A](#)

Description: [IC ADC 16BIT 500KSPS 8CH 24VQFN](#)

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                                                                                                                                                                                                                                                                                                                                                                                                               | ADS8332IBRGET                                                  | Manufacturer                     | N/A                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                               | IC ADC 16BIT 500KSPS 8CH 24VQFN                                | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                        | 10247 pcs                                                      | Data sheet                       |                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>                      | Voltage - Supply, Digital        | 1.65 V ~ 5.5 V             |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                  | 2.7 V ~ 3.6 V, 5V                                              | Supplier Device Package          | 24-VQFN (4x4)              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                                              | Sampling Rate (Per Second)       | 500k                       |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                            | External                                                       | Ratio - S/H:ADC                  | 1:1                        |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                 | Cut Tape (CT)                                                  | Package / Case                   | 24-VQFN Exposed Pad        |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                               | 296-25651-1                                                    | Operating Temperature            | -40°C ~ 85°C               |
| Number of Inputs                                                                                                                                                                                                                                                                                                                                                                                                          | 8                                                              | Number of Bits                   | 16                         |
| Number of A/D Converters                                                                                                                                                                                                                                                                                                                                                                                                  | 1                                                              | Moisture Sensitivity Level (MSL) | 2 (1 Year)                 |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                           | 16 Weeks                                                       | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                                | Pseudo-Differential, Single Ended                              | Features                         | -                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                      | 16 Bit Analog to Digital Converter 8 Input 1 SAR 24-VQFN (4x4) | Data Interface                   | SPI                        |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                             | MUX-S/H-ADC                                                    | Base Part Number                 | ADS8332                    |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                              | SAR                                                            |                                  |                            |
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|  | Part#: <a href="#">ADS8339IDGSR</a><br>Description: <a href="#">IC ADC 16BIT SAR 250KSPS 10VSSOP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS8332IPW</a><br>Description: <a href="#">IC ADC 16BIT SRL 500KSPS 24TSSOP</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ADS8332EVM</a><br>Description: <a href="#">EVAL MODULE FOR ADS8332</a>              | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS8332EVMV2-PDK</a><br>Description: <a href="#">EVAL BOARD FOR ADS8332</a>         | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS8339IDGST</a><br>Description: <a href="#">IC ADC 16BIT SAR 250KSPS 10VSSOP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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