

ADS8865IDGSR



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Part Number: [ADS8865IDGSR](#)

Manufacturer: [N/A](#)

Description: [IC ADC 16BIT 400KSPS 10VSSOP](#)

Data sheet:

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

Ship From: [Hong Kong](#)

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

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                        |                                                           |                                  |                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------------|------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                              | ADS8865IDGSR                                              | Manufacturer                     | N/A                                      |
| Description                                                                                                                                                                                                                                                                                                                                                                                                              | IC ADC 16BIT 400KSPS 10VSSOP                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                       | 14544 pcs                                                 | Data sheet                       |                                          |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a>                 | Voltage - Supply, Digital        | 1.65 V ~ 3.6 V                           |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                 | 2.7 V ~ 3.6 V                                             | Supplier Device Package          | 10-VSSOP                                 |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                   | microPOWER™                                               | Sampling Rate (Per Second)       | 400k                                     |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                           | External                                                  | Ratio - S/H:ADC                  | 1:1                                      |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                | Cut Tape (CT)                                             | Package / Case                   | 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                              | 296-39883-1                                               | 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)                               |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                          | 16 Weeks                                                  | 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 10-VSSOP | Data Interface                   | SPI                                      |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                            | S/H-ADC                                                   | Base Part Number                 | ADS8865                                  |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                             | SAR                                                       |                                  |                                          |
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|  | Part#: <a href="#">ADS8867IDGSR</a><br>Description: <a href="#">IC ADC 16BIT 100KSPS 10VSSOP</a>    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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