

ADS7955SDBTG4



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Part Number: [ADS7955SDBTG4](#)

Manufacturer: [N/A](#)

Description: [IC ADC 10-BIT 1MSPS 8CH 30TSSOP](#)

Data sheet:

RoHs Status: [Lead free / RoHS non-compliant](#)

Ship From: [Hong Kong](#)

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

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                         |                                           |                                 |                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|-----------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                               | ADS7955SDBTG4                             | Manufacturer                    | N/A                                                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                               | IC ADC 10-BIT 1MSPS 8CH 30TSSOP           | Lead Free Status / RoHS Status  | Lead free / RoHS non-compliant                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                        | 20947 pcs                                 | Data sheet                      |                                                           |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Digital       | 1.7 V ~ 5.25 V                                            |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                  | 2.7 V ~ 5.25 V                            | Supplier Device Package         | 30-TSSOP                                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                    | microPOWER™                               | Sampling Rate (Per Second)      | 1M                                                        |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                            | External                                  | Ratio - S/H:ADC                 | 1:1                                                       |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                 | Tube                                      | Package / Case                  | 30-TFSOP (0.173", 4.40mm Width)                           |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                     | -40°C ~ 125°C                             | Number of Inputs                | 8                                                         |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                            | 10                                        | Number of A/D Converters        | 1                                                         |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                          | 2 (1 Year)                                | Manufacturer Standard Lead Time | 10 Weeks                                                  |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                            | Lead free / RoHS non-compliant            | Input Type                      | Single Ended                                              |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                         | Detailed Description            | 10 Bit Analog to Digital Converter 8 Input 1 SAR 30-TSSOP |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                            | SPI                                       | Configuration                   | MUX-S/H-ADC                                               |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                          | ADS7955                                   | Architecture                    | SAR                                                       |
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|  | Part#: <a href="#">ADS7954SDBT</a><br>Description: <a href="#">IC ADC 10BIT 1MSPS 4CH 30-TSSOP</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7956SRHBR</a><br>Description: <a href="#">IC ADC 10BIT 1MSPS 12CH 24VQFN</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ADS7955SRGET</a><br>Description: <a href="#">IC ADC 10BIT 1MSPS 8CH 24VQFN</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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