

ADS1245IDGSTG4



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Part Number: [ADS1245IDGSTG4](#)

Manufacturer: [N/A](#)

Description: [IC ADC LP CONVERT 24BIT 10-MSOP](#)

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                                                                                                                                                                                                                                                                                                                                                                                                                | ADS1245IDGSTG4                            | Manufacturer                    | N/A                                                               |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                | IC ADC LP CONVERT 24BIT 10-MSOP           | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                         | 13779 pcs                                 | Data sheet                      |                                                                   |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Digital       | 1.8 V ~ 3.6 V                                                     |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                   | 2.5 V ~ 5.25 V                            | Supplier Device Package         | 10-VSSOP                                                          |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                         | Sampling Rate (Per Second)      | 15                                                                |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                             | External                                  | Ratio - S/H:ADC                 | -                                                                 |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                  | Tape & Reel (TR)                          | Package / Case                  | 10-TFSOP, 10-MSOP (0.118", 3.00mm Width)                          |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                      | -40°C ~ 85°C                              | Number of Inputs                | 1                                                                 |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                             | 24                                        | Number of A/D Converters        | 1                                                                 |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                           | 2 (1 Year)                                | Manufacturer Standard Lead Time | 6 Weeks                                                           |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                             | Lead free / RoHS Compliant                | Input Type                      | Differential, Single Ended                                        |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                         | Detailed Description            | 24 Bit Analog to Digital Converter 1 Input 1 Sigma-Delta 10-VSSOP |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                             | SPI                                       | Configuration                   | ADC                                                               |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                           | ADS1245                                   | Architecture                    | Sigma-Delta                                                       |
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| RELATED PRODUCTS                                                                   |                                                                                                       |                                    |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|------------------------------------|----------------|
|  | Part#: <a href="#">ADS1245IDGSR</a><br>Description: <a href="#">IC ADC LP CONVERT 24BIT 10-MSOP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS1246PWR</a><br>Description: <a href="#">IC ADC 24BIT SPI 2KSPS 16TSSOP</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS1246EVM</a><br>Description: <a href="#">EVAL MODULE FOR ADS1246</a>             | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS1247IPWR</a><br>Description: <a href="#">IC ADC 24BIT DEL/SIG LN 20TSSOP</a>    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS1244EVM</a><br>Description: <a href="#">EVALUATION MODULE FOR ADS1244</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS1247IPW</a><br>Description: <a href="#">IC ADC 24BIT DEL/SIG LN 20TSSOP</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS1243SJD</a><br>Description: <a href="#">IC ADC 24BIT SRL 15SPS 20CDIP</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS1246EVM-PDK</a><br>Description: <a href="#">KIT DEMO FOR ADS1246</a>            | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS1244IDGSTG4</a><br>Description: <a href="#">IC ADC LP CONVERT 24BIT 10-MSOP</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS1244IDGST</a><br>Description: <a href="#">IC ADC LP 24-BIT 10-MSOP</a>          | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS1248EVM-PDK</a><br>Description: <a href="#">KIT DEMO FOR ADS1248</a>            | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS1247EVM-PDK</a><br>Description: <a href="#">KIT DEMO FOR ADS1247</a>            | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS1246IPW</a><br>Description: <a href="#">IC ADC 24BIT DEL/SIG LN 16TSSOP</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS1244IDGSR</a><br>Description: <a href="#">IC ADC LP CONVERT 24BIT 10-MSOP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS1243SKGD1</a><br>Description: <a href="#">IC ADC 24BIT SRL 15SPS 0XCEPT</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS1245IDGSRG4</a><br>Description: <a href="#">IC ADC LP CONVERT 24BIT 10-MSOP</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS1245IDGST</a><br>Description: <a href="#">IC ADC LP 24-BIT 10-MSOP</a>          | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS1244IDGSRG4</a><br>Description: <a href="#">IC ADC LP CONVERT 24BIT 10-MSOP</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS1247EVM</a><br>Description: <a href="#">EVAL MODULE FOR ADS1247</a>             | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS1248EVM</a><br>Description: <a href="#">EVAL MODULE FOR ADS1248</a>             | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |

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|---------------------------------------------------|--------------------------------------------|-----------------------------------------|--------------------------------------|
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