

ADS1606IPAPTG4



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Part Number: [ADS1606IPAPTG4](#)

Manufacturer: [N/A](#)

Description: [IC ADC 16-BIT 5M/10M 64-HTQFP](#)

Data sheet:

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

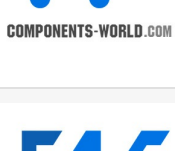
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                         |                                           |                                 |                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|---------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                               | ADS1606IPAPTG4                            | Manufacturer                    | N/A                                                                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                               | IC ADC 16-BIT 5M/10M 64-HTQFP             | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                        | 3041 pcs                                  | Data sheet                      |                                                                           |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Digital       | 2.7 V ~ 3.3 V                                                             |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                  | 5V                                        | Supplier Device Package         | 64-HTQFP (10x10)                                                          |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                         | Sampling Rate (Per Second)      | 5M                                                                        |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                            | External, Internal                        | Ratio - S/H:ADC                 | -                                                                         |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                 | Tape & Reel (TR)                          | Package / Case                  | 64-TQFP 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)                                                                                                                                                                                                                                                                                                                                                                                          | 3 (168 Hours)                             | Manufacturer Standard Lead Time | 14 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 Sigma-Delta 64-HTQFP (10x10) |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                            | Parallel                                  | Configuration                   | ADC                                                                       |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                          | ADS1606                                   | Architecture                    | Sigma-Delta                                                               |
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| RELATED PRODUCTS                                                                   |                                                                                                      |                                    |                |
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|  | Part#: <a href="#">ADS1625EVM</a><br>Description: <a href="#">EVALUATION MODULE FOR ADS1625</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS1610IPAPR</a><br>Description: <a href="#">IC ADC 16BIT 10MSPS 64-HTQFP</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS1625IPAPT</a><br>Description: <a href="#">IC 18BIT 1.25MSPS ADC 64-HTQFP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS1605IPAPTG4</a><br>Description: <a href="#">IC ADC 16-BIT 5M/10M 64-HTQFP</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS1602IPFBT</a><br>Description: <a href="#">IC ADC 16BIT 2.5MSPS 48-TQFP</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS1606IPAPRG4</a><br>Description: <a href="#">IC ADC 16-BIT 5M/10M 64-HTQFP</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ADS1602IPFBTG4</a><br>Description: <a href="#">IC ADC 16BIT 2.5MSPS 48-TQFP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ADS1626EVM</a><br>Description: <a href="#">EVALUATION MODULE FOR ADS1626</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS1605IPAPR</a><br>Description: <a href="#">IC ADC 16-BIT 5M/10M 64-HTQFP</a>    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS1605IPAPT</a><br>Description: <a href="#">IC ADC 16-BIT 5M/10M 64-HTQFP</a>    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS1626IPAPR</a><br>Description: <a href="#">IC 18BIT 1.25MSPS ADC 64-HTQFP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS1610IPAPT</a><br>Description: <a href="#">IC ADC 16BIT 10MSPS 64-TQFP</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS1606EVM</a><br>Description: <a href="#">EVALUATION MODULE FOR ADS1606</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS1605EVM</a><br>Description: <a href="#">EVALUATION MODULE FOR ADS1605</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS1610EVM</a><br>Description: <a href="#">MODULE EVAL FOR ADS1610</a>            | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS1625IPAPRG4</a><br>Description: <a href="#">IC 18BIT 1.25MSPS ADC 64-HTQFP</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS1626IPAPRG4</a><br>Description: <a href="#">IC 18BIT 1.25MSPS ADC 64-HTQFP</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |

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