

ADS5272IPFPTG4



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Part Number: [ADS5272IPFPTG4](#)

Manufacturer: [N/A](#)

Description: [IC ADC 12BIT 8CH 65MSPS 80HTQFP](#)

Data sheet:

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

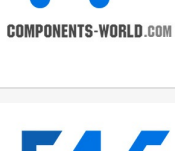
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                         |                                |                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|--------------------------------|----------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                               | ADS5272IPFPTG4                                                          | Manufacturer                   | N/A                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                               | IC ADC 12BIT 8CH 65MSPS 80HTQFP                                         | Lead Free Status / RoHS Status | Lead free / RoHS Compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                        | 1009 pcs                                                                | Data sheet                     |                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>                               | Voltage - Supply, Digital      | 3 V ~ 3.6 V                |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                  | 3 V ~ 3.6 V                                                             | Supplier Device Package        | 80-HTQFP (12x12)           |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                                                       | Sampling Rate (Per Second)     | 65M                        |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                            | External, Internal                                                      | Ratio - S/H:ADC                | 1:1                        |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                 | Tape & Reel (TR)                                                        | Package / Case                 | 80-TQFP Exposed Pad        |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                     | -40°C ~ 85°C                                                            | Number of Inputs               | 8                          |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                            | 12                                                                      | Number of A/D Converters       | 8                          |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                          | 3 (168 Hours)                                                           | Lead Free Status / RoHS Status | Lead free / RoHS Compliant |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                                | Differential                                                            | Features                       | Simultaneous Sampling      |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                      | 12 Bit Analog to Digital Converter 8 Input 8 Pipelined 80-HTQFP (12x12) | Data Interface                 | LVDS - Serial              |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                             | S/H-ADC                                                                 | Base Part Number               | ADS5272                    |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                              | Pipelined                                                               |                                |                            |
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|  | Part#: <a href="#">ADS5273IPFPT</a><br>Description: <a href="#">IC ADC 12BIT 8CH 70MSPS 80HTQFP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS5277IPFP</a><br>Description: <a href="#">IC ADC 10BIT 8CH 65MSPS 80-HTQFP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS5277EVM</a><br>Description: <a href="#">MODULE EVAL FOR ADS5277</a>             | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS5271IPFPTG4</a><br>Description: <a href="#">IC ADC 12BIT 8CH 50MSPS 80HTQFP</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS5273EVM</a><br>Description: <a href="#">MODULE EVAL FOR ADS527X</a>             | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS5270IPFPTG4</a><br>Description: <a href="#">IC ADC 12BIT 8CH 40MSPS 80HTQFP</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS5272IPFPT</a><br>Description: <a href="#">IC ADC 12BIT 8CH 65MSPS 80HTQFP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS5271EVM</a><br>Description: <a href="#">EVALUATION MODULE FOR ADS5271</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS5277IPFPT</a><br>Description: <a href="#">IC ADC 10BIT 8CH 65MSPS 80-HTQFP</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS5271IPFP</a><br>Description: <a href="#">IC ADC 12BIT 8CH 50MSPS 80-HTQFP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS5281IPFP</a><br>Description: <a href="#">ADC LP OCTL 12BIT 50MSPS 80HTQFP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS5277IPFPG4</a><br>Description: <a href="#">IC ADC 10BIT 8CH 65MSPS 80-HTQFP</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS5272IPFPG4</a><br>Description: <a href="#">IC ADC 12BIT 8CH 65MSPS 80HTQFP</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS5273IPFPG4</a><br>Description: <a href="#">IC ADC 12BIT 8CH 70MSPS 80HTQFP</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS5281EVM</a><br>Description: <a href="#">EVAL MODULE FOR ADS5281</a>             | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS5272IPFP</a><br>Description: <a href="#">IC ADC 12BIT 8CH 65MSPS 80-HTQFP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS5273IPFP</a><br>Description: <a href="#">IC ADC 12BIT 8CH 70MSPS 80-HTQFP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS5271IPFPG4</a><br>Description: <a href="#">IC ADC 12BIT 8CH 50MSPS 80HTQFP</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS5272EVM</a><br>Description: <a href="#">MODULE EVAL FOR ADS5272</a>             | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |

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