

ADS114S06BIRHBR



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Part Number: [ADS114S06BIRHBR](#)

Manufacturer: [N/A](#)

Description: [16BIT ADC](#)

Data sheet:

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

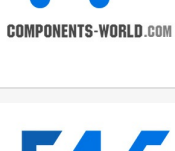
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                           |                                           |                                 |                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|---------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                 | ADS114S06BIRHBR                           | Manufacturer                    | N/A                                                                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                 | 16BIT ADC                                 | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                          | 26018 pcs                                 | Data sheet                      |                                                                           |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Digital       | 2.7 V ~ 3.6 V                                                             |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                    | ±2.5V, 2.7 V ~ 5.25 V                     | Supplier Device Package         | 32-VQFN (5x5)                                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                      | -                                         | Sampling Rate (Per Second)      | 4k                                                                        |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                              | External, Internal                        | Ratio - S/H:ADC                 | -                                                                         |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                   | Tape & Reel (TR)                          | Package / Case                  | 32-VFQFN Exposed Pad                                                      |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                       | -40°C ~ 125°C (TA)                        | Number of Inputs                | 4, 6                                                                      |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                              | 16                                        | Number of A/D Converters        | 1                                                                         |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                            | 3 (168 Hours)                             | Manufacturer Standard Lead Time | 12 Weeks                                                                  |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                              | Lead free / RoHS Compliant                | Input Type                      | Differential, Pseudo-Differential, Single Ended                           |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                    | PGA, Temperature Sensor                   | Detailed Description            | 16 Bit Analog to Digital Converter 4, 6 Input 1 Sigma-Delta 32-VQFN (5x5) |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                              | SPI                                       | Configuration                   | MUX-PGA-ADC                                                               |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                | Sigma-Delta                               |                                 |                                                                           |
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| RELATED PRODUCTS                                                                   |                                                                                                         |                                    |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|------------------------------------|----------------|
|  | Part#: <a href="#">ADS114S08BIRHBR</a><br>Description: <a href="#">16BIT ADC</a>                        | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS1148IRHBT</a><br>Description: <a href="#">IC ADC 16BIT SRL 2KSPS 32VQFN</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS114S06BIPBSR</a><br>Description: <a href="#">16BIT ADC</a>                        | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS1148EVM</a><br>Description: <a href="#">EVAL MODULE FOR ADS1148</a>               | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS1148IPW</a><br>Description: <a href="#">IC ADC 16BIT SRL 2KSPS 28TSSOP</a>        | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS1148IPWR</a><br>Description: <a href="#">IC ADC 16BIT SRL 2KSPS 28TSSOP</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS1148EVM-PDK</a><br>Description: <a href="#">KIT PERFORMANCE DEMO FOR ADS1148</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS1148IRHBR</a><br>Description: <a href="#">IC ADC 16BIT SRL 2KSPS 32VQFN</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS114S06IRHBT</a><br>Description: <a href="#">16-BIT, 4KSPS, 6-CH DELTA-SIGMA</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS114S08BIRHBT</a><br>Description: <a href="#">16-BIT, 4KSPS, 12-CH DELTA-SIGMA</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS114S06IPBSR</a><br>Description: <a href="#">ADS114S06IPBSR</a>                    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS114S06IRHBR</a><br>Description: <a href="#">16-BIT, 4KSPS, 6-CH DELTA-SIGMA</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS114S06IPBS</a><br>Description: <a href="#">16BIT ADC</a>                          | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS1147IPWR</a><br>Description: <a href="#">IC ADC 16BIT SRL 2KSPS 20TSSOP</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS114S06BIPBS</a><br>Description: <a href="#">16-BIT, 4KSPS, 6-CH DELTA-SIGMA</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS114S08BIPBSR</a><br>Description: <a href="#">16BIT ADC</a>                        | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS114S08EVM</a><br>Description: <a href="#">EVAL BOARD FOR ADS114S08</a>            | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS114S08BIPBS</a><br>Description: <a href="#">16-BIT, 4KSPS, 12-CH DELTA-SIGMA</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS114S06BIRHBT</a><br>Description: <a href="#">16-BIT, 4KSPS, 6-CH DELTA-SIGMA</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS1148QPWRQ1</a><br>Description: <a href="#">16-BIT A TO D CONVERTER FOR TEMP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |

|                                             |                             |                          |                       |
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| Related keywords for <b>ADS114S06BIRHBR</b> |                             |                          |                       |
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