

ADS114S08IPBS



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Part Number: [ADS114S08IPBS](#)

Manufacturer: [N/A](#)

Description: [16BIT ADC](#)

Data sheet:

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

Ship From: [Hong Kong](#)

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

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                         |                                  |                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|----------------------------------|----------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                               | ADS114S08IPBS                                                           | Manufacturer                     | N/A                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                               | 16BIT ADC                                                               | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                        | 13513 pcs                                                               | Data sheet                       |                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>                               | Voltage - Supply, Digital        | 2.7 V ~ 3.6 V              |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                  | 2.7 V ~ 5.25 V                                                          | Supplier Device Package          | 32-TQFP (5x5)              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                                                       | Sampling Rate (Per Second)       | 4k                         |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                            | External, Internal                                                      | Packaging                        | Tape & Reel (TR)           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                            | 32-TQFP                                                                 | Operating Temperature            | -50°C ~ 125°C              |
| Number of Inputs                                                                                                                                                                                                                                                                                                                                                                                                          | 12                                                                      | Number of Bits                   | 16                         |
| Number of A/D Converters                                                                                                                                                                                                                                                                                                                                                                                                  | 1                                                                       | Moisture Sensitivity Level (MSL) | 3 (168 Hours)              |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                           | 26 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 12 Input 1 Sigma-Delta 32-TQFP (5x5) | Data Interface                   | SPI                        |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                             | MUX-PGA-ADC                                                             | Architecture                     | Sigma-Delta                |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all series electronic components. We have 13513 pieces of ADS114S08IPBS in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                         |                                  |                            |

| RELATED PRODUCTS                                                                   |                                                                                         |                                    |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------|----------------|
|  | Part#: <a href="#">ADS1174EVM-PDK</a><br>Description: KIT PERFORMANCE DEV FOR ADS1174   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS114S06IPBSR</a><br>Description: ADS114S06IPBSR                    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS114S08IRHBR</a><br>Description: 24BIT ADC                         | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS114S08BIRHBT</a><br>Description: 16-BIT, 4KSPS, 12-CH DELTA-SIGMA | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS1158IRTCR</a><br>Description: IC ADC 16BIT SER 125K 48VQFN        | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS114S06IPBS</a><br>Description: 16BIT ADC                          | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS1158IRCTCG4</a><br>Description: IC ADC 16BIT SER 125K 48VQFN      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS114S08IRHBT</a><br>Description: 16-BIT, 4KSPS, 12-CH DELTA-SIGMA  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS1158EVM</a><br>Description: EVALUATION MODULE FOR ADS1158         | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS1158IRTCT</a><br>Description: IC ADC 16BIT SER 125K 48VQFN        | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS1158EVM-PDK</a><br>Description: KIT PERFORMANCE DEV FOR ADS1158   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS114S08BIRHBR</a><br>Description: 16BIT ADC                        | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS114S06IRHBR</a><br>Description: 16-BIT, 4KSPS, 6-CH DELTA-SIGMA   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS1174EVM</a><br>Description: EVALUATION MODULE FOR ADS1174         | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS114S08IPBSR</a><br>Description: ADS114S08IPBSR                    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS114S08BIPBS</a><br>Description: 16-BIT, 4KSPS, 12-CH DELTA-SIGMA  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS114S06BIRHBT</a><br>Description: 16-BIT, 4KSPS, 6-CH DELTA-SIGMA  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS114S06IRHBT</a><br>Description: 16-BIT, 4KSPS, 6-CH DELTA-SIGMA   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS114S08EVM</a><br>Description: EVAL BOARD FOR ADS114S08            | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS114S08BIPBSR</a><br>Description: 16BIT ADC                        | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |

| Related keywords for ADS114S08IPBS |                           |                        |                     |
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