

ADS8504IBDWR



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**Part Number:** [ADS8504IBDWR](#)

**Manufacturer:** N/A

**Description:** IC ADC 12BIT 250KSPS 28-SOIC

**Data sheet:**

**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                        |                                                          |                                  |                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|----------------------------------|--------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                              | ADS8504IBDWR                                             | Manufacturer                     | N/A                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                              | IC ADC 12BIT 250KSPS 28-SOIC                             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                       | 16029 pcs                                                | Data sheet                       |                                |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a>                | Voltage - Supply, Digital        | 5V                             |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                 | 5V                                                       | Supplier Device Package          | 28-SOIC                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                                        | Sampling Rate (Per Second)       | 250k                           |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                           | External, Internal                                       | Ratio - S/H:ADC                  | 1:1                            |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                | Tape & Reel (TR)                                         | Package / Case                   | 28-SOIC (0.295", 7.50mm Width) |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                              | ADS8504IBDWRG4<br>ADS8504IBDWRG4-ND                      | Operating Temperature            | -40°C ~ 85°C                   |
| Number of Inputs                                                                                                                                                                                                                                                                                                                                                                                                         | 1                                                        | Number of Bits                   | 12                             |
| Number of A/D Converters                                                                                                                                                                                                                                                                                                                                                                                                 | 1                                                        | Moisture Sensitivity Level (MSL) | 2 (1 Year)                     |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                          | 16 Weeks                                                 | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant     |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                               | Single Ended                                             | Features                         | -                              |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                     | 12 Bit Analog to Digital Converter 1 Input 1 SAR 28-SOIC | Data Interface                   | Parallel                       |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                            | S/H-ADC                                                  | Base Part Number                 | ADS8504                        |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                             | SAR                                                      |                                  |                                |
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| RELATED PRODUCTS                                                                   |                                                                                    |                                    |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------|----------------|
|  | Part#: <a href="#">ADS8482IRGZT</a><br>Description: IC ADC 18BIT 1MSPS 48-VQFN     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS850-EVM</a><br>Description: EVAL MOD FOR ADS850Y             | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS8484IRGZT</a><br>Description: IC ADC 18BIT 1.25MSPS 48-VQFN  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS8505IDB</a><br>Description: IC ADC 16BIT 250KSPS 28-SSOP     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS8505IBDBG4</a><br>Description: IC ADC 16BIT 250KSPS 28-SSOP  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS8482IRGZR</a><br>Description: IC ADC 18BIT 1MSPS 48-VQFN     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS8504IBDW</a><br>Description: IC ADC 12BIT 250KSPS 28-SOIC    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS8505IBDBR</a><br>Description: IC ADC 16BIT 250KSPS 28-SSOP   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ADS8505IBDWG4</a><br>Description: IC ADC 16BIT 250KSPS 28-SOIC  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS8484IRGZR</a><br>Description: IC ADC 18BIT PAR 1.25M 48VQFN  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ADS8505IBDW</a><br>Description: IC ADC 16BIT 250KSPS 28-SOIC    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS8505EVM</a><br>Description: EVALUATION MODULE FOR ADS8505    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS8504IBDWG4</a><br>Description: IC ADC 12BIT 250KSPS 28-SOIC  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS8484EVM</a><br>Description: EVAL MODULE FOR ADS8484          | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS8484IBRGZR</a><br>Description: IC ADC 18BIT PAR 1.25M 48VQFN | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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Related keywords for **ADS8504IBDWR**

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