

ADS7823EB/250



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Part Number: [ADS7823EB/250](#)

Manufacturer: [N/A](#)

Description: [IC 12-BIT LP A/D CONV 8VSSOP](#)

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                                                                                                                                                                                                                                                                                                                                                                                                               | ADS7823EB/250                                            | Manufacturer                     | N/A                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                               | IC 12-BIT LP A/D CONV 8VSSOP                             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                        | 16998 pcs                                                | Data sheet                       |                                        |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>                | Voltage - Supply, Digital        | 2.7 V ~ 3.6 V, 5V                      |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                  | 2.7 V ~ 3.6 V, 5V                                        | Supplier Device Package          | 8-VSSOP                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                                        | Sampling Rate (Per Second)       | 50k                                    |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                            | External                                                 | Ratio - S/H:ADC                  | 1:1                                    |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                 | Original-Reel®                                           | Package / Case                   | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                               | ADS7823EB/250DKR                                         | 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                                                                                                                                                                                                                                                                                                                                                                                           | 12 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 8-VSSOP | Data Interface                   | I²C                                    |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                             | S/H-ADC                                                  | Base Part Number                 | ADS7823                                |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                              | SAR                                                      |                                  |                                        |
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| RELATED PRODUCTS                                                                   |                                                                                                       |                                    |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|------------------------------------|----------------|
|  | Part#: <a href="#">ADS7822UC</a><br>Description: <a href="#">IC ADC 12 BIT 200KHZ 8-SOIC</a>          | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7824P</a><br>Description: <a href="#">IC ADC 12-BIT 4CH SAMPLE 28-DIP</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7822UCG4</a><br>Description: <a href="#">IC ADC 12 BIT 200KHZ 8-SOIC</a>        | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7824U</a><br>Description: <a href="#">IC 4-CHAN 12-BIT A/D 28-SOIC</a>          | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7824UB/1K</a><br>Description: <a href="#">IC 12-BIT 4-CHAN MUX A/D 28-SOIC</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7823EB/250G4</a><br>Description: <a href="#">IC 12BIT LP ADC CONV 8VSSOP</a>    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7824UB/1KG4</a><br>Description: <a href="#">IC 12BIT 4-CHAN MUX ADC 28-SOIC</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7823-28EVM</a><br>Description: <a href="#">EVALUATION MODULE FOR ADS7823-28</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7823EB/2K5</a><br>Description: <a href="#">IC 12BIT LP ADC CONV 8VSSOP</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7824UB</a><br>Description: <a href="#">IC 12-BIT 4-CH SMPL A/D 28-SOIC</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7823E/250</a><br>Description: <a href="#">IC 12-BIT LP A/D CONV 8VSSOP</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7824PB</a><br>Description: <a href="#">IC 12-BIT 4-CH SMPL A/D 28-DIP</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7822UBG4</a><br>Description: <a href="#">IC ADC 12 BIT 200KHZ 8-SOIC</a>        | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7823E/2K5</a><br>Description: <a href="#">IC 12BIT LP ADC CONV 8VSSOP</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7822UG4</a><br>Description: <a href="#">IC ADC 12 BIT 200KHZ 8-SOIC</a>         | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7822UC/2K5</a><br>Description: <a href="#">IC ADC 12 BIT 200KHZ 8-SOIC</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7824U/1K</a><br>Description: <a href="#">IC 12-BIT 4-CHAN MUX A/D 28-SOIC</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7824PG4</a><br>Description: <a href="#">IC ADC 12-BIT 4CH SAMPLE 28-DIP</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7823E/250G4</a><br>Description: <a href="#">IC 12BIT LP ADC CONV 8VSSOP</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7822UB/2K5G4</a><br>Description: <a href="#">IC ADC 12 BIT 200KHZ 8-SOIC</a>    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |

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