

ADS7816EB/2K5G4



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Part Number: [ADS7816EB/2K5G4](#)

Manufacturer: [N/A](#)

Description: [IC 12BIT 200KHZ SMPL ADC 8VSSOP](#)

Data sheet:

RoHs Status: [Lead free / RoHS non-compliant](#)

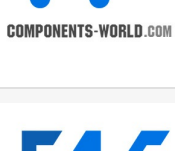
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                           |                                           |                                 |                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|----------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                 | ADS7816EB/2K5G4                           | Manufacturer                    | N/A                                                      |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                 | IC 12BIT 200KHZ SMPL ADC 8VSSOP           | Lead Free Status / RoHS Status  | Lead free / RoHS non-compliant                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                          | 34009 pcs                                 | Data sheet                      |                                                          |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Digital       | 5V                                                       |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                    | 5V                                        | Supplier Device Package         | 8-VSSOP                                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                      | -                                         | Sampling Rate (Per Second)      | 200k                                                     |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                              | External                                  | Ratio - S/H:ADC                 | 1:1                                                      |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                   | Tape & Reel (TR)                          | Package / Case                  | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)                   |
| 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 non-compliant            | Input Type                      | Differential                                             |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                         | Detailed Description            | 12 Bit Analog to Digital Converter 1 Input 1 SAR 8-VSSOP |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                              | SPI                                       | Configuration                   | S/H-ADC                                                  |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                            | ADS7816                                   | Architecture                    | SAR                                                      |
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| RELATED PRODUCTS                                                                   |                                                                                                        |                                    |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|------------------------------------|----------------|
|  | Part#: <a href="#">ADS7816EC/250</a><br>Description: <a href="#">IC 12-BIT SAMPLING A/D 8VSSOP</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7816EC/2K5</a><br>Description: <a href="#">IC ADC 12BIT SRL 200K 1CH 8VSSOP</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7815UE4</a><br>Description: <a href="#">IC 16BIT 250KHZ ADC CONV 28-SOIC</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7816PC</a><br>Description: <a href="#">IC 12-BIT 200KHZ SMPL A/D 8-DIP</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7816E/250</a><br>Description: <a href="#">IC 12-BIT HS SAMPLING A/D 8VSSOP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7816PBG4</a><br>Description: <a href="#">IC ADC 12BIT SER 200K 8DIP</a>          | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ADS7816E/2K5</a><br>Description: <a href="#">IC ADC 12BIT SRL 200K 1CH 8VSSOP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7816EVM</a><br>Description: <a href="#">EVAL MOD FOR ADS7816</a>                 | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7816E/250G4</a><br>Description: <a href="#">IC 12BIT 200KHZ SMPL ADC 8VSSOP</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7815U/1K</a><br>Description: <a href="#">IC 16BIT 250KHZ A/D CONV 28SOIC</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ADS7816PG4</a><br>Description: <a href="#">IC 12BIT 200KHZ SMPL ADC 8-DIP</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7816E/2K5G4</a><br>Description: <a href="#">IC 12BIT 200KHZ SMPL ADC 8VSSOP</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ADS7816P</a><br>Description: <a href="#">IC 12-BIT HS SAMPLING A/D 8-DIP</a>        | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7816PB</a><br>Description: <a href="#">IC 12-BIT 200KHZ SMPL A/D 8-DIP</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7816PCG4</a><br>Description: <a href="#">IC ADC 12BIT SER 200K 8DIP</a>          | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7815UG4</a><br>Description: <a href="#">IC 16BIT 250KHZ ADC CONV 28-SOIC</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |

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