

AD7856AR



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Part Number: [AD7856AR](#)

Manufacturer: [ADI \(Analog Devices, Inc.\)](#)

Description: IC ADC 14BIT 8CH 5V 24-SOIC

Data sheet:  [AD7856 Series](#)

RoHs Status: Contains lead / RoHS non-compliant

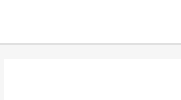
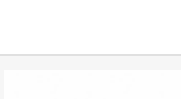
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy AD7856AR with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                             |                                |                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|--------------------------------|--------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                               | AD7856AR                                                    | Manufacturer                   | <a href="#">ADI (Analog Devices, Inc.)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC ADC 14BIT 8CH 5V 24-SOIC                                 | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 4313 pcs                                                    | Data sheet                     | <a href="#">AD7856 Series</a>              |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>                   | Voltage - Supply, Digital      | 5V                                         |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 5V                                                          | Supplier Device Package        | 24-SOIC                                    |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                                           | Sampling Rate (Per Second)     | 285k                                       |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                                            | External, Internal                                          | Ratio - S/H:ADC                | 1:1                                        |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Tube                                                        | Package / Case                 | 24-SOIC (0.295", 7.50mm Width)             |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -40°C ~ 105°C                                               | Number of Inputs               | 4, 8                                       |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 14                                                          | Number of A/D Converters       | 1                                          |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1 (Unlimited)                                               | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant         |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Pseudo-Differential, Single Ended                           | Features                       | -                                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 14 Bit Analog to Digital Converter 4, 8 Input 1 SAR 24-SOIC | Data Interface                 | SPI                                        |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                             | MUX-S/H-ADC                                                 | Base Part Number               | AD7856                                     |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                                              | SAR                                                         |                                |                                            |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                                           |     |
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|  | Part#: <a href="#">AD7858AR</a><br>Description: IC ADC 12BIT 8CH SRL 24-SOIC            | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">AD7856ARSZ</a><br>Description: IC ADC 14BIT 8CHAN 5V 24SSOP          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">AD7856KRZ</a><br>Description: IC ADC 14BIT 8CHAN 5V 24SOIC           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">AD7856AR-REEL</a><br>Description: IC ADC 14BIT 8CH 5V 24-SOIC        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">AD7856ANZ</a><br>Description: IC ADC 14BIT 8CHAN 5V 24DIP            | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
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|  | Part#: <a href="#">AD7856ARZ</a><br>Description: IC ADC 14BIT 8CHAN 5V 24SOIC           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
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|  | Part#: <a href="#">AD7854LARSZ</a><br>Description: IC ADC 12BIT PARALLEL LP 28SSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">AD7854LARSZ-REEL</a><br>Description: IC ADC 12BIT PARALLEL LP 28SSOP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">AD7858ANZ</a><br>Description: IC ADC 12BIT 8CHAN SRL 24-DIP          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">AD7856ARSZ-REEL7</a><br>Description: IC ADC 14BIT 8CHAN 5V 24SSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |

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