

ADS7863ADBQR



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Part Number: [ADS7863ADBQR](#)

Manufacturer: [N/A](#)

Description: [IC ADC 12BIT SER 2M 24QSOP](#)

Data sheet:

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

Ship From: [Hong Kong](#)

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

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                        |                                                             |                                  |                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|----------------------------------|--------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                              | ADS7863ADBQR                                                | Manufacturer                     | N/A                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                              | IC ADC 12BIT SER 2M 24QSOP                                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                       | 14027 pcs                                                   | Data sheet                       |                                |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a>                   | Voltage - Supply, Digital        | 2.7 V ~ 5.5 V                  |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                 | 2.7 V ~ 5.5 V                                               | Supplier Device Package          | 24-SSOP                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                                           | Sampling Rate (Per Second)       | 2M                             |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                           | External, Internal                                          | Ratio - S/H:ADC                  | 1:1                            |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                | Tape & Reel (TR)                                            | Package / Case                   | 24-SSOP (0.154", 3.90mm Width) |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                              | 296-37235-2<br>ADS7863ADBQR-ND                              | Operating Temperature            | -40°C ~ 125°C                  |
| Number of Inputs                                                                                                                                                                                                                                                                                                                                                                                                         | 4, 6                                                        | Number of Bits                   | 12                             |
| Number of A/D Converters                                                                                                                                                                                                                                                                                                                                                                                                 | 2                                                           | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                  |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                          | 16 Weeks                                                    | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant     |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                               | Differential, Pseudo-Differential                           | Features                         | Simultaneous Sampling          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                     | 12 Bit Analog to Digital Converter 4, 6 Input 2 SAR 24-SSOP | Data Interface                   | SPI                            |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                            | MUX-S/H-ADC                                                 | Base Part Number                 | ADS7863                        |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                             | SAR                                                         |                                  |                                |
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| RELATED PRODUCTS                                                                   |                                                                                                         |                                    |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|------------------------------------|----------------|
|  | Part#: <a href="#">ADS7862YB/2K</a><br>Description: <a href="#">IC ADC 12-BIT PAR 500KHZ 32-TQFP</a>    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7862Y/250G4</a><br>Description: <a href="#">IC ADC 12-BIT PAR 500KHZ 32-TQFP</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7863IRGETG4</a><br>Description: <a href="#">IC ADC 12-BIT DUAL 2MSPS 24VQFN</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7862Y/250</a><br>Description: <a href="#">IC ADC 12-BIT PAR 500KHZ 32-TQFP</a>    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7863IRGER</a><br>Description: <a href="#">IC ADC 12BIT SER 2M 24VQFN</a>          | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7861IRHBTG4</a><br>Description: <a href="#">IC 4INPUT 12BIT ADC 32-VQFN</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7862Y/2KG4</a><br>Description: <a href="#">IC ADC 12-BIT PAR 500KHZ 32-TQFP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7863ARGET</a><br>Description: <a href="#">IC ADC 12BIT DUAL 2MSPS 24-VQFN</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7863IDBQ</a><br>Description: <a href="#">IC ADC 12BIT DUAL 2MSPS 24-QSOP</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7861IRHBT</a><br>Description: <a href="#">IC ADC 12BIT DUAL 4-INPUT 32VQFN</a>    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7863IDBQG4</a><br>Description: <a href="#">IC ADC 12-BIT DUAL 2MSPS 24-QSOP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7863EVM</a><br>Description: <a href="#">EVAL MODULE FOR ADS7863</a>               | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7863IRGET</a><br>Description: <a href="#">IC ADC 12BIT DUAL 2MSPS 24-VQFN</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7863IDBQR</a><br>Description: <a href="#">IC ADC 12BIT SER 2M 24QSOP</a>          | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7862YB/250G4</a><br>Description: <a href="#">IC ADC 12-BIT PAR 500KHZ 32-TQFP</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7864M-EVM</a><br>Description: <a href="#">EVAL MODULE FOR ADS7864M</a>            | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7862Y/2K</a><br>Description: <a href="#">IC ADC 12-BIT PAR 500KHZ 32-TQFP</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7863ADBQ</a><br>Description: <a href="#">ANALOG TO DIGITAL CONVERTERS - A</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7862YB/250</a><br>Description: <a href="#">IC ADC 12-BIT PAR 500KHZ 32-TQFP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7863ARGER</a><br>Description: <a href="#">ANALOG TO DIGITAL CONVERTERS - A</a>    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |

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