

ADS8028IRTJR



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Part Number: [ADS8028IRTJR](#)

Manufacturer: [N/A](#)

Description: [IC ADC 12BIT SRL 1MSPS 8CH 20QFN](#)

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                                                                                                                                                                                                                                                                                                                                                                                                              | ADS8028IRTJR                              | Manufacturer                    | N/A                                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                              | IC ADC 12BIT SRL 1MSPS 8CH 20QFN          | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                       | 28715 pcs                                 | Data sheet                      |                                                               |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Digital       | 1.65 V ~ 5.25 V                                               |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                 | 2.7 V ~ 5.25 V                            | Supplier Device Package         | 20-QFN (4x4)                                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                         | Sampling Rate (Per Second)      | 1M                                                            |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                           | External, Internal                        | Ratio - S/H:ADC                 | 1:1                                                           |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                | Tape & Reel (TR)                          | Package / Case                  | 20-WFQFN Exposed Pad                                          |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                    | -40°C ~ 125°C                             | Number of Inputs                | 8                                                             |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                           | 12                                        | Number of A/D Converters        | 1                                                             |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                         | 2 (1 Year)                                | Manufacturer Standard Lead Time | 20 Weeks                                                      |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                           | Lead free / RoHS Compliant                | Input Type                      | Single Ended                                                  |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                 | Temperature Sensor                        | Detailed Description            | 12 Bit Analog to Digital Converter 8 Input 1 SAR 20-QFN (4x4) |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                           | SPI                                       | Configuration                   | MUX-S/H-ADC                                                   |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                         | ADS8028                                   | Architecture                    | SAR                                                           |
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| RELATED PRODUCTS                                                                   |                                                                                                        |                                                           |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  | Part#: <a href="#">ADS8028EVM-PDK</a><br>Description: <a href="#">KIT PERFORMANCE DEMO FOR ADS8028</a> | Manufacturers: <a href="#">N/A</a>                        | <div>RFQ</div> |
|  | Part#: <a href="#">ADS803E</a><br>Description: <a href="#">IC 12-BIT 5MHZ A/D 28-SSOP</a>              | Manufacturers: <a href="#">N/A</a>                        | <div>RFQ</div> |
|  | Part#: <a href="#">ADS801UG4</a><br>Description: <a href="#">IC 12BIT ADC CONV 28 SOIC</a>             | Manufacturers: <a href="#">N/A</a>                        | <div>RFQ</div> |
|  | Part#: <a href="#">ADS804EG4</a><br>Description: <a href="#">IC 12BIT 10MHZ HI SNR ADC 28SSOP</a>      | Manufacturers: <a href="#">N/A</a>                        | <div>RFQ</div> |
|  | Part#: <a href="#">ADS8-V1EBZ</a><br>Description: <a href="#">FPGA BASED DATA CAPTURE KIT</a>          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7961SRHBT</a><br>Description: <a href="#">IC ADC 8BIT 1MSPS 16CH 32QFN</a>       | Manufacturers: <a href="#">N/A</a>                        | <div>RFQ</div> |
|  | Part#: <a href="#">ADS804E</a><br>Description: <a href="#">IC 12-BIT 10MHZ A/D 28-SSOP</a>             | Manufacturers: <a href="#">N/A</a>                        | <div>RFQ</div> |
|  | Part#: <a href="#">ADS801U</a><br>Description: <a href="#">IC 12 BIT A/D CONV 28 SOIC</a>              | Manufacturers: <a href="#">N/A</a>                        | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7961SRHBR</a><br>Description: <a href="#">IC ADC 8BIT 1MSPS 16CH 32QFN</a>       | Manufacturers: <a href="#">N/A</a>                        | <div>RFQ</div> |
|  | Part#: <a href="#">ADS803EG4</a><br>Description: <a href="#">IC 12BIT 5MHZ HI SNR ADC 28SSOP</a>       | Manufacturers: <a href="#">N/A</a>                        | <div>RFQ</div> |
|  | Part#: <a href="#">ADS802UG4</a><br>Description: <a href="#">IC 12BIT SMPL ADC 28-SOIC</a>             | Manufacturers: <a href="#">N/A</a>                        | <div>RFQ</div> |
|  | Part#: <a href="#">ADS800U/1K</a><br>Description: <a href="#">IC 12-BIT 40MHZ A/D CONV 28-SOIC</a>     | Manufacturers: <a href="#">N/A</a>                        | <div>RFQ</div> |
|  | Part#: <a href="#">ADS803E/1KG4</a><br>Description: <a href="#">IC ADC 12BIT 5MHZ 28-SSOP</a>          | Manufacturers: <a href="#">N/A</a>                        | <div>RFQ</div> |
|  | Part#: <a href="#">ADS800UG4</a><br>Description: <a href="#">IC 12BIT ADC CONV 28 SOIC</a>             | Manufacturers: <a href="#">N/A</a>                        | <div>RFQ</div> |
|  | Part#: <a href="#">ADS802U</a><br>Description: <a href="#">IC 12 BIT SMPL A/D 28-SOIC</a>              | Manufacturers: <a href="#">N/A</a>                        | <div>RFQ</div> |
|  | Part#: <a href="#">ADS804E/1K</a><br>Description: <a href="#">IC 12BIT 10MHZ HI SNR A/D 28SSOP</a>     | Manufacturers: <a href="#">N/A</a>                        | <div>RFQ</div> |
|  | Part#: <a href="#">ADS7961SDBTRG4</a><br>Description: <a href="#">IC ADC 8-BIT 1MSPS 16CH 38TSSOP</a>  | Manufacturers: <a href="#">N/A</a>                        | <div>RFQ</div> |
|  | Part#: <a href="#">ADS803E/1K</a><br>Description: <a href="#">IC 12-BIT 5MHZ HI SNR A/D 28SSOP</a>     | Manufacturers: <a href="#">N/A</a>                        | <div>RFQ</div> |
|  | Part#: <a href="#">ADS800U</a><br>Description: <a href="#">IC 12 BIT A/D CONV 28 SOIC</a>              | Manufacturers: <a href="#">N/A</a>                        | <div>RFQ</div> |
|  | Part#: <a href="#">ADS8028IRTJT</a><br>Description: <a href="#">IC ADC 12BIT SRL 1MSPS 20QFN</a>       | Manufacturers: <a href="#">N/A</a>                        | <div>RFQ</div> |

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