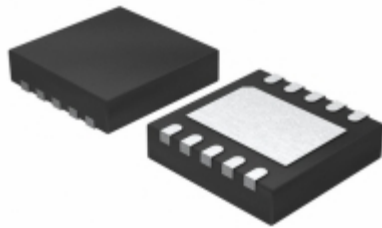


LTC2302CDD#TRPBF





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Part Number: [LTC2302CDD#TRPBF](#)

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

Description: IC ADC 12-BIT 1CH 500KSPS 10DFN

Data sheet:  [LTC2302/06](#)

RoHs Status: Lead free / RoHS Compliant

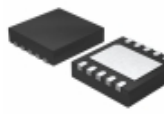
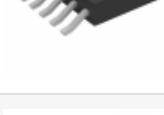
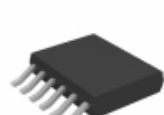
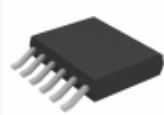
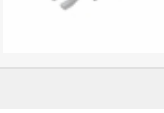
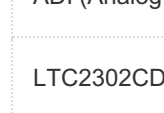
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                           |                                 |                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|---------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | LTC2302CDD#TRPBF                          | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a>                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | IC ADC 12-BIT 1CH 500KSPS 10DFN           | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 40109 pcs                                 | Data sheet                      | <a href="#">LTC2302/06</a>                                    |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Digital       | 5V                                                            |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 5V                                        | Supplier Device Package         | 10-DFN (3x3)                                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                                         | Sampling Rate (Per Second)      | 500k                                                          |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | External                                  | Ratio - S/H:ADC                 | 1:1                                                           |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Tape & Reel (TR)                          | Package / Case                  | 10-WFDFN Exposed Pad                                          |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0°C ~ 70°C                                | Number of Inputs                | 1                                                             |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 12                                        | Number of A/D Converters        | 1                                                             |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1 (Unlimited)                             | Manufacturer Standard Lead Time | 8 Weeks                                                       |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Lead free / RoHS Compliant                | Input Type                      | Differential, Single Ended                                    |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -                                         | Detailed Description            | 12 Bit Analog to Digital Converter 1 Input 1 SAR 10-DFN (3x3) |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | SPI                                       | Configuration                   | MUX-S/H-ADC                                                   |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | LTC2302                                   | Architecture                    | SAR                                                           |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                                           |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
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|  | Part#: <a href="#">LTC2301HMS#PBF</a><br>Description: IC ADC 12-BIT 1CHN 12-MSOP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2301HMS#TRPBF</a><br>Description: IC ADC 12-BIT 1CHN 12-MSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2305IDE#PBF</a><br>Description: IC ADC 12-BIT 2CHN 12-DFN         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2305HMS#PBF</a><br>Description: IC ADC 12-BIT 2CHN 12-MSOP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2301IDE#TRPBF</a><br>Description: IC ADC 12-BIT 1CHN 12-DFN       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2301IDE#PBF</a><br>Description: IC ADC 12-BIT 1CHN 12-DFN         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2301IMS#TRPBF</a><br>Description: IC ADC 12-BIT 1CHN 12-MSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2302IDD#TRPBF</a><br>Description: IC ADC 12-BIT 1CH 500KSPS 10DFN | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2305HMS#TRPBF</a><br>Description: IC ADC 12-BIT 2CHN 12-MSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2305IDE#TRPBF</a><br>Description: IC ADC 12-BIT 2CHN 12-DFN       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2301CMS#PBF</a><br>Description: IC ADC 12-BIT 1CHN 12-MSOP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2305CMS#PBF</a><br>Description: IC ADC 12-BIT 2CHN 12-MSOP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2301IMS#PBF</a><br>Description: IC ADC 12BIT I2C 12-MSOP          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2301CDE#TRPBF</a><br>Description: IC ADC 12-BIT 1CHN 12-DFN       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2305CDE#TRPBF</a><br>Description: IC ADC 12-BIT 2CHN 12-DFN       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2302IDD#PBF</a><br>Description: IC ADC 12BIT 1CH 500KSPS 10-DFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2305CDE#PBF</a><br>Description: IC ADC 12-BIT 2CHN 12-DFN         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2305CMS#TRPBF</a><br>Description: IC ADC 12-BIT 2CHN 12-MSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2301CMS#TRPBF</a><br>Description: IC ADC 12-BIT 1CHN 12-MSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |

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