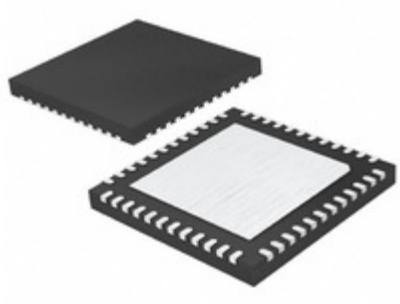


LTC2222CUK#TRPBF





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Part Number: [LTC2222CUK#TRPBF](#)

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

Description: IC ADC 12BIT 105MSPS SAMPL 48QFN

Data sheet:  [LTC2222/23](#)

RoHs Status: Lead free / RoHS Compliant

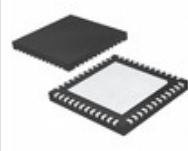
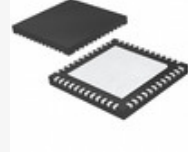
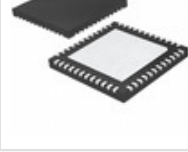
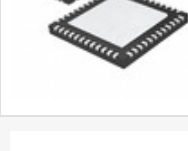
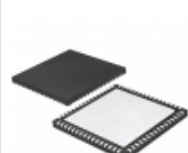
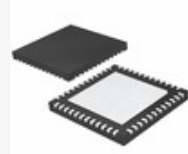
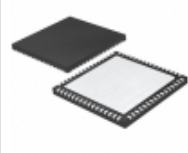
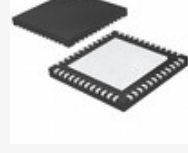
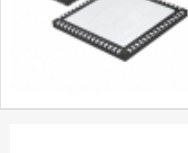
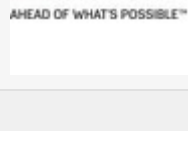
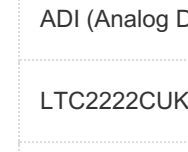
Ship From: Hong Kong

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | LTC2222CUK#TRPBF                                                    | Manufacturer                   | <a href="#">ADI (Analog Devices, Inc.)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | IC ADC 12BIT 105MSPS SAMPL 48QFN                                    | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2643 pcs                                                            | Data sheet                     | <a href="#">LTC2222/23</a>                 |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a>                           | Voltage - Supply, Digital      | 3.1 V ~ 3.5 V                              |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3.1 V ~ 3.5 V                                                       | Supplier Device Package        | 48-QFN (7x7)                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -                                                                   | Sampling Rate (Per Second)     | 105M                                       |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | External, Internal                                                  | Ratio - S/H:ADC                | 1:1                                        |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Tape & Reel (TR)                                                    | Package / Case                 | 48-WQFN 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)                                                       | 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 Pipelined 48-QFN (7x7) | Data Interface                 | LVDS - Parallel, Parallel                  |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | S/H-ADC                                                             | Base Part Number               | LTC2222                                    |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Pipelined                                                           |                                |                                            |
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| RELATED PRODUCTS                                                                   |                                                                                             |                                                           |     |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------|-----|
|  | Part#: <a href="#">LTC2222IUK#PBF</a><br>Description: IC ADC 12BIT 105MSPS SAMPL 48QFN      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC2222IUK-11#TRPBF</a><br>Description: IC ADC 11BIT 105MSPS SAMPL 48QFN | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC2223CUK#PBF</a><br>Description: IC ADC 12BIT 80MSPS SAMPLE 48QFN      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC2221CUP</a><br>Description: IC ADC                                    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC2222CUK-11#TRPBF</a><br>Description: IC ADC 11BIT 105MSPS SAMPL 48QFN | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC2220IUP-1</a><br>Description: IC ADC                                  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC2221IUP</a><br>Description: IC ADC                                    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC2223CUK#TRPBF</a><br>Description: IC ADC 12BIT 80MSPS SAMPLE 48QFN    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC2220IUP-1#PBF</a><br>Description: IC ADC 12BIT 185MSPS 64-QFN         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC2222IUK-11</a><br>Description: IC ADC                                 | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC2222IUK-11#PBF</a><br>Description: IC ADC 11BIT 105MSPS SAMPL 48QFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC2222IUK#TRPBF</a><br>Description: IC ADC 12BIT 105MSPS SAMPL 48QFN    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC2221IUP#TRPBF</a><br>Description: IC ADC 12-BIT 135MSPS 64-QFN        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC2222CUK-11#PBF</a><br>Description: IC ADC 11BIT 105MSPS SAMPL 48QFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC2220IUP-1#TRPBF</a><br>Description: IC ADC 12BIT 185MSPS 64-QFN       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC2222CUK#PBF</a><br>Description: IC ADC 12BIT 105MSPS SAMPL 48QFN      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC2221CUP#PBF</a><br>Description: IC ADC 12-BIT 135MSPS 64-QFN          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC2221IUP#PBF</a><br>Description: IC ADC 12-BIT 135MSPS 64-QFN          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC2221CUP#TRPBF</a><br>Description: IC ADC 12-BIT 135MSPS 64-QFN        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC2222CUK-11</a><br>Description: IC ADC                                 | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |

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