

LTC2428CG#PBF



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Part Number: [LTC2428CG#PBF](#)

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

Description: IC ADC 20BIT 8CH MICROPWR 28SSOP

Data sheet:  [LTC2424/28](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                  |                                  |                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|----------------------------------|--------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                      | LTC2428CG#PBF                                                    | Manufacturer                     | <a href="#">ADI (Analog Devices, Inc.)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                      | IC ADC 20BIT 8CH MICROPWR 28SSOP                                 | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                               | 17814 pcs                                                        | Data sheet                       | <a href="#">LTC2424/28</a>                 |
| 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          | 28-SSOP                                    |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                           | microPOWER™                                                      | Sampling Rate (Per Second)       | 7.5                                        |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                   | External                                                         | Ratio - S/H:ADC                  | -                                          |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                        | Tube                                                             | Package / Case                   | 28-SSOP (0.209", 5.30mm Width)             |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                      | LTC2428CGPBF                                                     | Operating Temperature            | 0°C ~ 70°C                                 |
| Number of Inputs                                                                                                                                                                                                                                                                                                                                                                                                                 | 8                                                                | Number of Bits                   | 20                                         |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                       | Single Ended                                                     | Features                         | -                                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                             | 20 Bit Analog to Digital Converter 8 Input 1 Sigma-Delta 28-SSOP | Data Interface                   | SPI                                        |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                                    | MUX-ADC                                                          | Base Part Number                 | LTC2428                                    |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                     | Sigma-Delta                                                      |                                  |                                            |
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| RELATED PRODUCTS                                                                   |                                                                                          |                                                           |                |
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|  | Part#: <a href="#">LTC2428CG#TRPBF</a><br>Description: IC ADC 20BIT 8CH MICROPWR 28SSOP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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