

LTC1415IG#PBF



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Part Number: [LTC1415IG#PBF](#)

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

Description: IC A/D CONV 12BIT SAMPLNG 28SSOP

Data sheet:  [LTC1415](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                          |                                  |                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|----------------------------------|--------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | LTC1415IG#PBF                                            | Manufacturer                     | <a href="#">ADI (Analog Devices, Inc.)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | IC A/D CONV 12BIT SAMPLNG 28SSOP                         | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 8760 pcs                                                 | Data sheet                       | <a href="#">LTC1415</a>                    |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <a href="#">Integrated Circuits (ICs)</a>                | Voltage - Supply, Digital        | 5V                                         |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 5V                                                       | Supplier Device Package          | 28-SSOP                                    |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -                                                        | Sampling Rate (Per Second)       | 1.25M                                      |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | External, Internal                                       | Ratio - S/H:ADC                  | 1:1                                        |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Tube                                                     | Package / Case                   | 28-SSOP (0.209", 5.30mm Width)             |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | LTC1415IGPBF                                             | Operating Temperature            | -40°C ~ 85°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 28-SSOP | Data Interface                   | Parallel                                   |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | S/H-ADC                                                  | Base Part Number                 | LTC1415                                    |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | SAR                                                      |                                  |                                            |
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| RELATED PRODUCTS                                                                   |                                                                                           |                                                           |                |
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|  | Part#: <a href="#">LTC1415ISW#TRPBF</a><br>Description: IC A/D CONV 12BIT SAMPLNG 28SOIC  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1415ISW#PBF</a><br>Description: IC A/D CONV 12BIT SAMPLNG 28SOIC    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LTC1414CGN#TRPBF</a><br>Description: IC A/D CONV 14BIT SAMPLNG 28SSOP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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