

LTC1412IG#TRPBF



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Part Number: [LTC1412IG#TRPBF](#)

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

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

Data sheet:  [LTC1412](#)

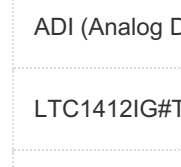
RoHs Status: Lead free / RoHS Compliant

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                           |                                 |                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|----------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LTC1412IG#TRPBF                           | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 7319 pcs                                  | Data sheet                      | <a href="#">LTC1412</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)      | 3M                                                       |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | External, Internal                        | Ratio - S/H:ADC                 | 1:1                                                      |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Tape & Reel (TR)                          | Package / Case                  | 28-SSOP (0.209", 5.30mm Width)                           |
| 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 | 10 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | LTC1412                                   | Architecture                    | SAR                                                      |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all ADI (Analog Devices, Inc.) series electronic components. We have 7319 pieces of ADI (Analog Devices, Inc.) LTC1412IG#TRPBF in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                 |                                                          |

| RELATED PRODUCTS                                                                   |                                                                                          |                                                           |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
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|  | Part#: <a href="#">LTC1411CG#PBF</a><br>Description: IC ADC 14BIT 2.5MSPS 36SSOP         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LTC1415IG#TRPBF</a><br>Description: IC A/D CONV 12BIT SAMPLNG 28SSOP  | 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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