



ADI (Analog Devices, Inc.)



Image may be representation. See specifications for product details.

LTC2442CG#PBF

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | LTC2442CG#PBF                                                                                                |
| Manufacturer/Brand: | ADI (Analog Devices, Inc.)                                                                                   |
| Product description | IC ADC 24BIT 4CH 36-SSOP                                                                                     |
| Datasheets:         |  LTC2442CG#PBF.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

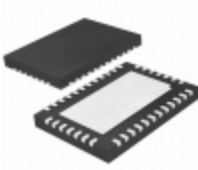
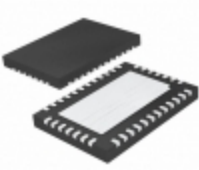
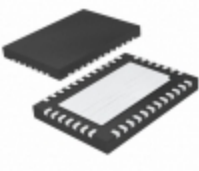
Specifications of LTC2442CG#PBF

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LTC2442CG#PBF                                                                                         |
| MANUFACTURER                     | ADI (Analog Devices, Inc.)                                                                            |
| DESCRIPTION                      | IC ADC 24BIT 4CH 36-SSOP                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| DATA SHEET                       |  LTC2442CG#PBF.pdf |
| VOLTAGE - SUPPLY, DIGITAL        | 5V                                                                                                    |
| VOLTAGE - SUPPLY, ANALOG         | 5V                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 36-SSOP                                                                                               |
| SERIES                           | -                                                                                                     |
| SAMPLING RATE (PER SECOND)       | 8k                                                                                                    |
| REFERENCE TYPE                   | External                                                                                              |
| RATIO - S/H:ADC                  | -                                                                                                     |
| PACKAGING                        | Tube                                                                                                  |
| PACKAGE / CASE                   | 36-SSOP (0.209", 5.30mm Width)                                                                        |
| OTHER NAMES                      | LTC2442CGPBF                                                                                          |
| OPERATING TEMPERATURE            | 0°C ~ 70°C                                                                                            |
| NUMBER OF INPUTS                 | 2, 4                                                                                                  |
| NUMBER OF BITS                   | 24                                                                                                    |
| 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             | 24 Bit Analog to Digital Converter 2, 4 Input 1 Sigma-Delta 36-SSOP                                   |
| DATA INTERFACE                   | SPI                                                                                                   |
| CONFIGURATION                    | MUX-ADC                                                                                               |
| BASE PART NUMBER                 | LTC2442                                                                                               |
| ARCHITECTURE                     | Sigma-Delta                                                                                           |

Related Tags

|                                          |                                     |                                              |
|------------------------------------------|-------------------------------------|----------------------------------------------|
| ADI (Analog Devices, Inc.) LTC2442CG#PBF | LTC2442CG#PBF Distributor           | LTC2442CG#PBF Supplier                       |
| LTC2442CG#PBF Price                      | LTC2442CG#PBF Pictures              | LTC2442CG#PBF Image                          |
| LTC2442CG#PBF PDF Datasheet              | LTC2442CG#PBF Download Datasheet    | LTC2442CG#PBF Datasheet                      |
| LTC2442CG#PBF Stock                      | Buy LTC2442CG#PBF                   | Buy ADI (Analog Devices, Inc.) LTC2442CG#PBF |
| ADI (Analog Devices, Inc.) LTC2442CG#PBF | ADI (Analog Devices, Inc.) Supplier | ADI (Analog Devices, Inc.) Distributor       |
| ADI (Analog Devices, Inc.) LTC2442CG#PBF | AD LTC2442CG#PBF                    | ADI (Analog Devices, Inc.) LTC2442CG#PBF     |
| Analog Devices Inc. LTC2442CG#PBF        | Analog Devices, Inc. LTC2442CG#PBF  |                                              |

Related Products

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| <div><div><b>LTC2439-1IGN#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC 16BIT 16CH MCRPWR 28SSOP<br/>In stock: 691 pcs</div><div>RFQ</div></div>     | <div><div><b>LTC2442IG#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC 24BIT 250MSPS 36-SSOP<br/>In stock: Out stock</div><div>RFQ</div></div>     |
| <div><div><b>LTC2439-1IGN#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC 16BIT 16CH MCRPWR 28SSOP<br/>In stock: Out stock</div><div>RFQ</div></div> | <div><div><b>LTC2442IG#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC 24BIT 4CH 36-SSOP<br/>In stock: 184 pcs</div><div>RFQ</div></div>             |
| <div><div><b>LTC2444IUHF#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC 24BIT HI SPEED 38QFN<br/>In stock: 759 pcs</div><div>RFQ</div></div>          | <div><div><b>LTC2444CUHF#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC 24BIT HI SPEED 38QFN<br/>In stock: Out stock</div><div>RFQ</div></div>      |
| <div><div><b>LTC2440IGN#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC DIFFER 24-BIT HS 16-SSOP<br/>In stock: 571 pcs</div><div>RFQ</div></div>       | <div><div><b>LTC2444CUHF#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC 24BIT HI SPEED 38QFN<br/>In stock: Out stock</div><div>RFQ</div></div>    |
| <div><div><b>LTC2440IGN#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC DIFFER 24-BIT HS 16-SSOP<br/>In stock: Out stock</div><div>RFQ</div></div>   | <div><div><b>LTC2440CGN#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC DIFFER 24-BIT HS 16-SSOP<br/>In stock: Out stock</div><div>RFQ</div></div> |
| <div><div><b>LTC2440CGN#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC DIFFER 24-BIT HS 16-SSOP<br/>In stock: 244 pcs</div><div>RFQ</div></div>       | <div><div><b>LTC2442CG#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC 24BIT 8KSPS 36-SSOP<br/>In stock: Out stock</div><div>RFQ</div></div>       |