

**ANALOG  
DEVICES**  
AHEAD OF WHAT'S POSSIBLE™

ADI (Analog Devices, Inc.)

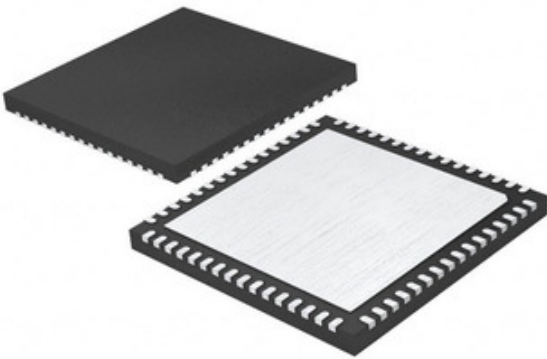


Image may be representation. See specifications for product details.

|                     |                                                                                                                         |
|---------------------|-------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | LTC2142IUP-14#PBF                                                                                                       |
| Manufacturer/Brand: | ADI (Analog Devices, Inc.)                                                                                              |
| Product description | IC ADC DUAL 14BIT 65MSPS 64QFN                                                                                          |
| Datasheets:         |  <a href="#">LTC2142IUP-14#PBF.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant            |
| Stock Condition     | 1850 pcs stock                                                                                                          |
| Ship From           | Hong Kong                                                                                                               |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                   |

REQUEST FOR QUOTATION

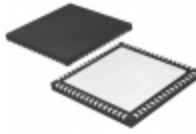
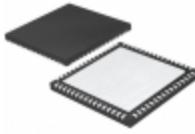
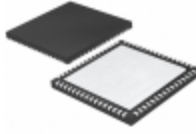
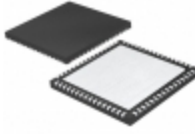
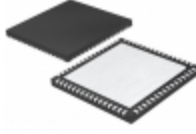
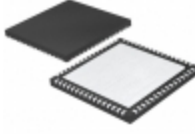
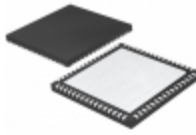
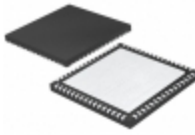
Specifications of LTC2142IUP-14#PBF

|                                  |                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LTC2142IUP-14#PBF                                                                                                         |
| MANUFACTURER                     | ADI (Analog Devices, Inc.)                                                                                                |
| DESCRIPTION                      | IC ADC DUAL 14BIT 65MSPS 64QFN                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                |
| QUANTITY AVAILABLE               | 1850 pcs                                                                                                                  |
| DATA SHEET                       |  <a href="#">LTC2142IUP-14#PBF.pdf</a> |
| VOLTAGE - SUPPLY, DIGITAL        | 1.7 V ~ 1.9 V                                                                                                             |
| VOLTAGE - SUPPLY, ANALOG         | 1.7 V ~ 1.9 V                                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 64-QFN (9x9)                                                                                                              |
| SERIES                           | -                                                                                                                         |
| SAMPLING RATE (PER SECOND)       | 65M                                                                                                                       |
| REFERENCE TYPE                   | External, Internal                                                                                                        |
| RATIO - S/H:ADC                  | 1:1                                                                                                                       |
| PACKAGING                        | Tube                                                                                                                      |
| PACKAGE / CASE                   | 64-WFQFN Exposed Pad                                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                                              |
| NUMBER OF INPUTS                 | 2                                                                                                                         |
| NUMBER OF BITS                   | 14                                                                                                                        |
| NUMBER OF A/D CONVERTERS         | 2                                                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                |
| INPUT TYPE                       | Differential                                                                                                              |
| FEATURES                         | Simultaneous Sampling                                                                                                     |
| DETAILED DESCRIPTION             | 14 Bit Analog to Digital Converter 2 Input 2 Pipelined 64-QFN (9x9)                                                       |
| DATA INTERFACE                   | LVDS - Parallel, Parallel                                                                                                 |
| CONFIGURATION                    | S/H-ADC                                                                                                                   |
| BASE PART NUMBER                 | LTC2142                                                                                                                   |
| ARCHITECTURE                     | Pipelined                                                                                                                 |

Related Tags

|                                              |                                        |                                                  |
|----------------------------------------------|----------------------------------------|--------------------------------------------------|
| ADI (Analog Devices, Inc.) LTC2142IUP-14#PBF | LTC2142IUP-14#PBF Distributor          | LTC2142IUP-14#PBF Supplier                       |
| LTC2142IUP-14#PBF Price                      | LTC2142IUP-14#PBF Pictures             | LTC2142IUP-14#PBF Image                          |
| LTC2142IUP-14#PBF PDF Datasheet              | LTC2142IUP-14#PBF Download Datasheet   | LTC2142IUP-14#PBF Datasheet                      |
| LTC2142IUP-14#PBF Stock                      | Buy LTC2142IUP-14#PBF                  | Buy ADI (Analog Devices, Inc.) LTC2142IUP-14#PBF |
| ADI (Analog Devices, Inc.) LTC2142IUP-14#PBF | ADI (Analog Devices, Inc.) Supplier    | ADI (Analog Devices, Inc.) Distributor           |
| ADI (Analog Devices, Inc.) LTC2142IUP-14#PBF | AD LTC2142IUP-14#PBF                   | ADI (Analog Devices, Inc.) LTC2142IUP-14#PBF     |
| Analog Devices Inc. LTC2142IUP-14#PBF        | Analog Devices, Inc. LTC2142IUP-14#PBF |                                                  |

Related Products

|                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>LTC2142CUP-14#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC DUAL 14BIT 65MSPS 64QFN<br/>In stock: 2150 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>LTC2142IUP-12#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC DUAL 12BIT 65MSPS 64QFN<br/>In stock: 3376 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>LTC2142CUP-14#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC DUAL 14BIT 40 MSPS 64-QFN<br/>In stock: 1818 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>LTC2143CUP-14#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC DUAL 14BIT 80 MSPS 64-QFN<br/>In stock: 1874 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>LTC2142IUP-12#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC DUAL 12BIT 65MSPS 64QFN<br/>In stock: 3268 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>LTC2143CUP-12#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC DUAL 12BIT 80MSPS 64-QFN<br/>In stock: 2737 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>LTC2142IUP-14</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC<br/>In stock: 4574 pcs<br/><div>RFQ</div></div>                               | <div></div> <div><b>LTC2142IUP-12</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC<br/>In stock: 3543 pcs<br/><div>RFQ</div></div>                                |
| <div></div> <div><b>LTC2143CUP-14</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC<br/>In stock: 6462 pcs<br/><div>RFQ</div></div>                               | <div></div> <div><b>LTC2143CUP-12</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC<br/>In stock: 5723 pcs<br/><div>RFQ</div></div>                                |
| <div></div> <div><b>LTC2142IUP-14#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC DUAL 14BIT 65MSPS 64QFN<br/>In stock: 2299 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>LTC2143CUP-12#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC DUAL 12BIT 80MSPS 64-QFN<br/>In stock: 3083 pcs<br/><div>RFQ</div></div> |