




ADI (Analog Devices, Inc.)

LTC2171IUKG-12#PBF

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| Part Number: | LTC2171IUKG-12#PBF |
| Manufacturer/Brand: | ADI (Analog Devices, Inc.) |
| Product description: | IC ADC 12BIT SER/PAR 40M 52-QFN |
| Datasheets: | PDF LTC2171IUKG-12#PBF.pdf |
| RoHS Status: |  Lead free / RoHS Compliant |
| Ship From: | Hong Kong |
| Shipment Way: | DHL/Fedex/TNT/UPS/EMS |

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.

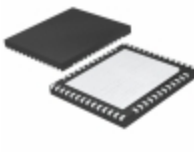

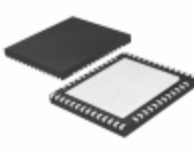
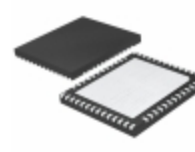

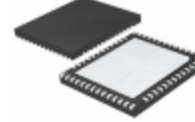
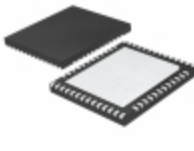
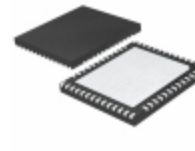

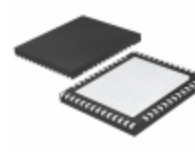
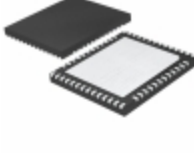

Specifications of LTC2171IUKG-12#PBF

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|----------------------------------|---|
| PART NUMBER | LTC2171IUKG-12#PBF |
| MANUFACTURER | ADI (Analog Devices, Inc.) |
| DESCRIPTION | IC ADC 12BIT SER/PAR 40M 52-QFN |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| DATA SHEET | PDF LTC2171IUKG-12#PBF.pdf |
| VOLTAGE - SUPPLY, DIGITAL | 1.7 V ~ 1.9 V |
| VOLTAGE - SUPPLY, ANALOG | 1.7 V ~ 1.9 V |
| SUPPLIER DEVICE PACKAGE | 52-QFN (7x8) |
| SERIES | - |
| SAMPLING RATE (PER SECOND) | 40M |
| REFERENCE TYPE | External, Internal |
| RATIO - S/H:ADC | 1:1 |
| PACKAGING | Tube |
| PACKAGE / CASE | 52-WFQFN Exposed Pad |
| OTHER NAMES | LTC2171IUKG12PBF |
| OPERATING TEMPERATURE | -40°C ~ 85°C |
| NUMBER OF INPUTS | 4 |
| NUMBER OF BITS | 12 |
| NUMBER OF A/D CONVERTERS | 4 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited) |
| MANUFACTURER STANDARD LEAD TIME | 14 Weeks |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| INPUT TYPE | Differential |
| FEATURES | Simultaneous Sampling |
| DETAILED DESCRIPTION | 12 Bit Analog to Digital Converter 4 Input 4 Pipelined 52-QFN (7x8) |
| DATA INTERFACE | LVDS - Serial |
| CONFIGURATION | S/H-ADC |
| BASE PART NUMBER | LTC2171 |
| ARCHITECTURE | Pipelined |

Related Tags

| | | |
|---|---|---|
| ADI (Analog Devices, Inc.) LTC2171IUKG-12#PBF | LTC2171IUKG-12#PBF Distributor | LTC2171IUKG-12#PBF Supplier |
| LTC2171IUKG-12#PBF Price | LTC2171IUKG-12#PBF Pictures | LTC2171IUKG-12#PBF Image |
| LTC2171IUKG-12#PBF PDF Datasheet | LTC2171IUKG-12#PBF Download Datasheet | LTC2171IUKG-12#PBF Datasheet |
| LTC2171IUKG-12#PBF Stock | Buy LTC2171IUKG-12#PBF | Buy ADI (Analog Devices, Inc.) LTC2171IUKG-12#PBF |
| ADI (Analog Devices, Inc.) LTC2171IUKG-12#PBF | ADI (Analog Devices, Inc.) Supplier | ADI (Analog Devices, Inc.) Distributor |
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| Analog Devices Inc. LTC2171IUKG-12#PBF | Analog Devices, Inc. LTC2171IUKG-12#PBF | |

Related Products

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|---|--|
|  <p>LTC2171IUKG-14#PBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC ADC 14BIT SER/PAR 40M 52-QFN In stock: Out stock</p> <p>RFQ</p> |  <p>LTC2171CUKG-14 Manufacturers: ADI (Analog Devices, Inc.) Description: IC ADC In stock: Out stock</p> <p>RFQ</p> |
|  <p>LTC2171CUKG-12#TRPBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC ADC 12BIT SER/PAR 40M 52-QFN In stock: Out stock</p> <p>RFQ</p> |  <p>LTC2171CUKG-14#TRPBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC ADC 14BIT SER/PAR 40M 52-QFN In stock: Out stock</p> <p>RFQ</p> |
|  <p>LTC2171IUKG-14 Manufacturers: ADI (Analog Devices, Inc.) Description: IC ADC In stock: Out stock</p> <p>RFQ</p> |  <p>LTC2172CUKG-12#PBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC ADC 14BIT SER/PAR 65M 52-QFN In stock: 38 pcs</p> <p>RFQ</p> |
|  <p>LTC2171IUKG-14#TRPBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC ADC 14BIT SER/PAR 40M 52-QFN In stock: Out stock</p> <p>RFQ</p> |  <p>LTC2171IUKG-12#TRPBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC ADC 12BIT SER/PAR 40M 52-QFN In stock: Out stock</p> <p>RFQ</p> |
|  <p>LTC2172CUKG-12 Manufacturers: ADI (Analog Devices, Inc.) Description: IC ADC In stock: Out stock</p> <p>RFQ</p> |  <p>LTC2171CUKG-14#PBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC ADC 14BIT SER/PAR 40M 52-QFN In stock: 79 pcs</p> <p>RFQ</p> |
|  <p>LTC2171CUKG-12#PBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC ADC 12BIT SER/PAR 40M 52-QFN In stock: 900 pcs</p> <p>RFQ</p> |  <p>LTC2171IUKG-12 Manufacturers: ADI (Analog Devices, Inc.) Description: IC ADC In stock: Out stock</p> <p>RFQ</p> |