



ADI (Analog Devices, Inc.)



Image may be representation. See specifications for product details.

LTC2345CUK-16#PBF

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | LTC2345CUK-16#PBF                                                                                            |
| Manufacturer/Brand: | ADI (Analog Devices, Inc.)                                                                                   |
| Product description | IC ADC 16BIT 8CH 200KSPS 48QFN                                                                               |
| Datasheets:         |  LTC2345CUK-16#PBF.pdf      |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

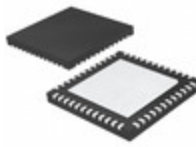
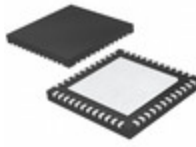
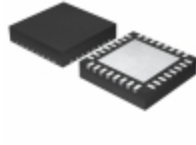
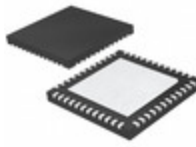
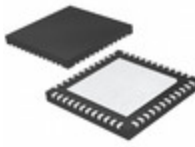
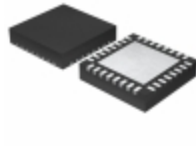
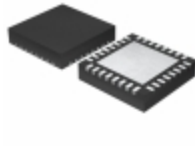
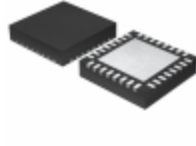
Specifications of LTC2345CUK-16#PBF

|                                  |                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LTC2345CUK-16#PBF                                                                                         |
| MANUFACTURER                     | ADI (Analog Devices, Inc.)                                                                                |
| DESCRIPTION                      | IC ADC 16BIT 8CH 200KSPS 48QFN                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                |
| DATA SHEET                       |  LTC2345CUK-16#PBF.pdf |
| VOLTAGE - SUPPLY, DIGITAL        | 5V                                                                                                        |
| VOLTAGE - SUPPLY, ANALOG         | 5V                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 48-QFN (7x7)                                                                                              |
| SERIES                           | SoftSpan™                                                                                                 |
| SAMPLING RATE (PER SECOND)       | 200k                                                                                                      |
| REFERENCE TYPE                   | External, Internal                                                                                        |
| RATIO - S/H:ADC                  | 8:1                                                                                                       |
| PACKAGING                        | Tube                                                                                                      |
| PACKAGE / CASE                   | 48-WFQFN Exposed Pad                                                                                      |
| OPERATING TEMPERATURE            | 0°C ~ 70°C                                                                                                |
| NUMBER OF INPUTS                 | 8                                                                                                         |
| NUMBER OF BITS                   | 16                                                                                                        |
| 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                                                                                              |
| FEATURES                         | Simultaneous Sampling                                                                                     |
| DETAILED DESCRIPTION             | 16 Bit Analog to Digital Converter 8 Input 1 SAR 48-QFN (7x7)                                             |
| DATA INTERFACE                   | LVDS - Serial, SPI                                                                                        |
| CONFIGURATION                    | S/H-MUX-ADC                                                                                               |
| BASE PART NUMBER                 | LTC2345                                                                                                   |
| ARCHITECTURE                     | SAR                                                                                                       |

Related Tags

|                                              |                                        |                                                  |
|----------------------------------------------|----------------------------------------|--------------------------------------------------|
| ADI (Analog Devices, Inc.) LTC2345CUK-16#PBF | LTC2345CUK-16#PBF Distributor          | LTC2345CUK-16#PBF Supplier                       |
| LTC2345CUK-16#PBF Price                      | LTC2345CUK-16#PBF Pictures             | LTC2345CUK-16#PBF Image                          |
| LTC2345CUK-16#PBF PDF Datasheet              | LTC2345CUK-16#PBF Download Datasheet   | LTC2345CUK-16#PBF Datasheet                      |
| LTC2345CUK-16#PBF Stock                      | Buy LTC2345CUK-16#PBF                  | Buy ADI (Analog Devices, Inc.) LTC2345CUK-16#PBF |
| ADI (Analog Devices, Inc.) LTC2345CUK-16#PBF | ADI (Analog Devices, Inc.) Supplier    | ADI (Analog Devices, Inc.) Distributor           |
| ADI (Analog Devices, Inc.) LTC2345CUK-16#PBF | AD LTC2345CUK-16#PBF                   | ADI (Analog Devices, Inc.) LTC2345CUK-16#PBF     |
| Analog Devices Inc. LTC2345CUK-16#PBF        | Analog Devices, Inc. LTC2345CUK-16#PBF |                                                  |

Related Products

|                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                           |
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| <div><div><b>LTC2345CUK-16#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC 16BIT 200KSPS SAR 48QFN<br/>In stock: Out stock</div><div>RFQ</div></div>    | <div><div><b>LTC2345HUK-16</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC<br/>In stock: Out stock</div><div>RFQ</div></div>                                 |
| <div><div><b>LTC2345HUK-16#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC 16BIT 8CH 200KSPS 48QFN<br/>In stock: 93 pcs</div><div>RFQ</div></div>         | <div><div><b>LTC2344IUH-18</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC<br/>In stock: Out stock</div><div>RFQ</div></div>                                 |
| <div><div><b>LTC2344MPUH-16#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: QUAD, 16-BIT, 400KSPS DIFFERENTI<br/>In stock: Out stock</div><div>RFQ</div></div> | <div><div><b>LTC2345CUK-16</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC<br/>In stock: Out stock</div><div>RFQ</div></div>                                 |
| <div><div><b>LTC2345CUK-18#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: OCTAL, 18-BIT, 200KSPS DIFFERENT<br/>In stock: 352 pcs</div><div>RFQ</div></div>      | <div><div><b>LTC2345CUK-18#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: OCTAL, 18-BIT, 200KSPS DIFFERENT<br/>In stock: Out stock</div><div>RFQ</div></div> |
| <div><div><b>LTC2344IUH-18#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC QUAD 18-BIT 32QFN<br/>In stock: Out stock</div><div>RFQ</div></div>          | <div><div><b>LTC2344MPUH-16#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: QUAD, 16-BIT, 400KSPS DIFFERENTI<br/>In stock: 73 pcs</div><div>RFQ</div></div>     |
| <div><div><b>LTC2344IUH-18#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC QUAD 18-BIT 32QFN<br/>In stock: 106 pcs</div><div>RFQ</div></div>              | <div><div><b>LTC2345CUK-18</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC<br/>In stock: Out stock</div><div>RFQ</div></div>                                 |