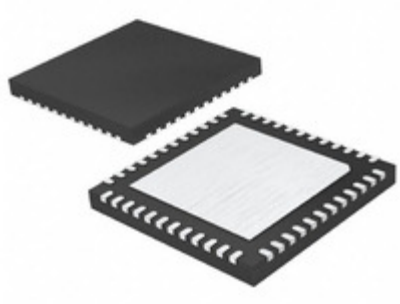


LTC2345IUK-16#PBF





AHEAD OF WHAT'S POSSIBLE™

Part Number: [LTC2345IUK-16#PBF](#)

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

Description: IC ADC 16BIT 8CH 200KSPS 48QFN

Data sheet:  [LTC2345-16 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

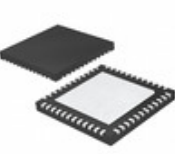
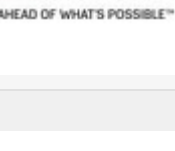
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                           |                                 |                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|---------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | LTC2345IUK-16#PBF                         | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a>                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | IC ADC 16BIT 8CH 200KSPS 48QFN            | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3951 pcs                                  | Data sheet                      | <a href="#">LTC2345-16 Datasheet</a>                          |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Integrated Circuits (ICs)</a> | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -40°C ~ 85°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                                                           |
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| RELATED PRODUCTS                                                                   |                                                                                             |                                                           |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
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|  | Part#: <a href="#">LTC2348CLX-16</a><br>Description: IC ADC                                 | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2345CUK-18#TRPBF</a><br>Description: OCTAL, 18-BIT, 200KSPS DIFFERENT | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2345IUK-16</a><br>Description: IC ADC                                 | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2345HUK-18#PBF</a><br>Description: OCTAL, 18-BIT, 200KSPS DIFFERENT   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2345CUK-18#PBF</a><br>Description: OCTAL, 18-BIT, 200KSPS DIFFERENT   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2345IUK-18#TRPBF</a><br>Description: OCTAL, 18-BIT, 200KSPS DIFFERENT | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2345IUK-18#PBF</a><br>Description: OCTAL, 18-BIT, 200KSPS DIFFERENT   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2348CLX-18</a><br>Description: IC ADC                                 | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2348HLX-16</a><br>Description: IC ADC                                 | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2345IUK-16#TRPBF</a><br>Description: IC ADC 16BIT 200KSPS SAR 48QFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2345HUK-18#TRPBF</a><br>Description: OCTAL, 18-BIT, 200KSPS DIFFERENT | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2348HLX-16#PBF</a><br>Description: IC ADC 16BIT 200KSPS 48LQFP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2345HUK-16#PBF</a><br>Description: IC ADC 16BIT 8CH 200KSPS 48QFN     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2348CLX-18#PBF</a><br>Description: IC ADC 18BIT 200KSPS 48LQFP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2345HUK-16#TRPBF</a><br>Description: IC ADC 16BIT 200KSPS SAR 48QFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2345HUK-16</a><br>Description: IC ADC                                 | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2345CUK-18</a><br>Description: IC ADC                                 | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2345IUK-18</a><br>Description: IC ADC                                 | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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