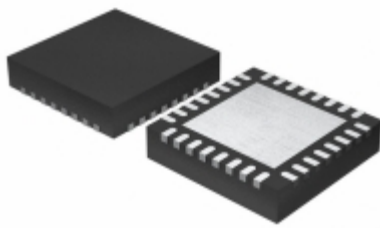


LTC2344CUH-18#PBF



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Part Number: [LTC2344CUH-18#PBF](#)

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

Description: IC ADC QUAD 18-BIT 32QFN

Data sheet:  [LTC2344-18 Datasheet](#)

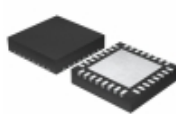
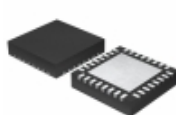
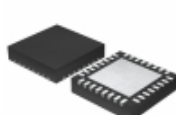
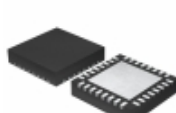
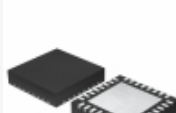
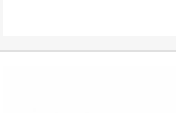
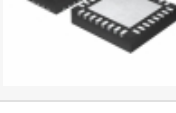
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                           |                                 |                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|---------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | LTC2344CUH-18#PBF                         | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a>                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | IC ADC QUAD 18-BIT 32QFN                  | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 4998 pcs                                  | Data sheet                      | <a href="#">LTC2344-18 Datasheet</a>                          |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Digital       | 5V                                                            |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 5V                                        | Supplier Device Package         | 32-QFN (5x5)                                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | SoftSpan™                                 | Sampling Rate (Per Second)      | 400k                                                          |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | External, Internal                        | Ratio - S/H:ADC                 | 1:1                                                           |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Tube                                      | Package / Case                  | 32-WFQFN Exposed Pad                                          |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0°C ~ 70°C                                | Number of Inputs                | 4                                                             |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 18                                        | 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            | 18 Bit Analog to Digital Converter 4 Input 4 SAR 32-QFN (5x5) |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LVDS - Serial, SPI                        | Configuration                   | S/H-MUX-ADC                                                   |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | LTC2344                                   | Architecture                    | SAR                                                           |
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| RELATED PRODUCTS                                                                   |                                                                                     |                                                           |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
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|  | Part#: <a href="#">LTC2344HUH-18</a><br>Description: IC ADC                         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2344HUH-16#TRPBF</a><br>Description: IC ADC QUAD 16-BIT 32QFN | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2344CUH-16</a><br>Description: IC ADC                         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2344IUH-16#PBF</a><br>Description: IC ADC QUAD 16-BIT 32QFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2344IUH-16</a><br>Description: IC ADC                         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2341IUH-16#TRPBF</a><br>Description: IC ADC DUAL 16-BIT 32QFN | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2344HUH-18#TRPBF</a><br>Description: IC ADC QUAD 18-BIT 32QFN | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2344CUH-18#TRPBF</a><br>Description: IC ADC QUAD 18-BIT 32QFN | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2344CUH-16#TRPBF</a><br>Description: IC ADC QUAD 16-BIT 32QFN | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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