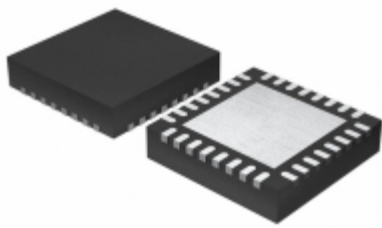


LTC2344IUH-18#TRPBF





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Part Number: [LTC2344IUH-18#TRPBF](#)

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

Description: IC ADC QUAD 18-BIT 32QFN

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

RoHs Status: Lead free / RoHS Compliant

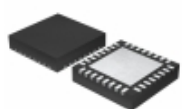
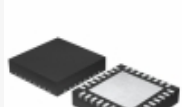
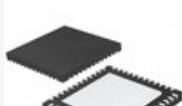
Ship From: Hong Kong

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

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

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                           |                                 |                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|---------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | LTC2344IUH-18#TRPBF                       | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 4493 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Tape & Reel (TR)                          | Package / Case                  | 32-WFQFN Exposed Pad                                          |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -40°C ~ 85°C                              | Number of Inputs                | 4                                                             |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 18                                        | Number of A/D Converters        | 4                                                             |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3 (168 Hours)                             | 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="#">LTC2344IUH-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="#">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="#">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="#">LTC2344HUH-18#PBF</a><br>Description: IC ADC QUAD 18-BIT 32QFN            | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2345CUK-16</a><br>Description: IC ADC                                  | 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="#">LTC2344HUH-18</a><br>Description: IC ADC                                  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2345CUK-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="#">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="#">LTC2344HUH-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="#">LTC2344MPUH-16#PBF</a><br>Description: QUAD, 16-BIT, 400KSPS DIFFERENTI   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2345CUK-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="#">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="#">LTC2344MPUH-16#TRPBF</a><br>Description: QUAD, 16-BIT, 400KSPS DIFFERENTI | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2344IUH-18#PBF</a><br>Description: IC ADC QUAD 18-BIT 32QFN            | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2344IUH-18</a><br>Description: IC ADC                                  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2344IUH-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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