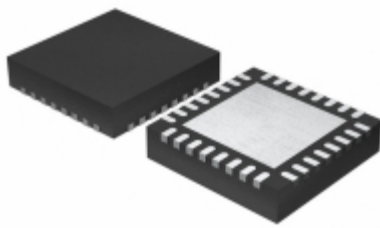


LTC2344MPUH-16#TRPBF



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Part Number: [LTC2344MPUH-16#TRPBF](#)

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

Description: QUAD, 16-BIT, 400KSPS DIFFERENTI

Data sheet:  [LTC2344-16 Datasheet](#)

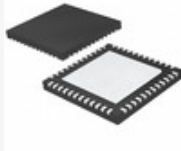
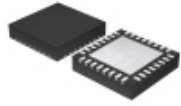
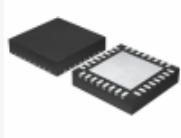
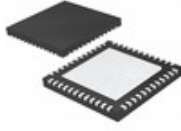
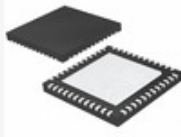
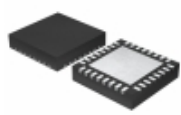
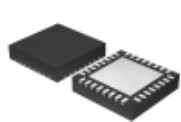
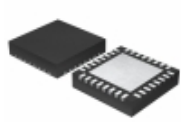
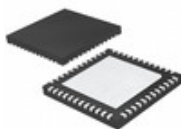
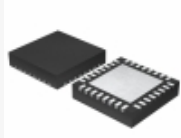
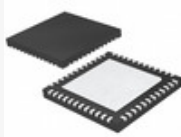
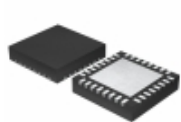
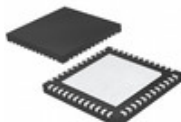
RoHs Status: RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                               |                                 |                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|---------------------------------|--------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | LTC2344MPUH-16#TRPBF                                          | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | QUAD, 16-BIT, 400KSPS DIFFERENTI                              | Lead Free Status / RoHS Status  | RoHS Compliant                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2119 pcs                                                      | Data sheet                      | <a href="#">LTC2344-16 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                                       |
| RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | RoHS Compliant                                                | Reference Type                  | External, Internal                         |
| Ratio - S/H:ADC                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1:1                                                           | Package / Case                  | 32-WFQFN Exposed Pad                       |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -55°C ~ 125°C                                                 | Number of Inputs                | 4                                          |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 16                                                            | Number of A/D Converters        | 4                                          |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1 (Unlimited)                                                 | Manufacturer Standard Lead Time | 12 Weeks                                   |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Differential                                                  | Features                        | Simultaneous Sampling                      |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 16 Bit Analog to Digital Converter 4 Input 4 SAR 32-QFN (5x5) | Data Interface                  | LVDS - Serial, SPI                         |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | S/H-MUX-ADC                                                   | Architecture                    | SAR                                        |
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| RELATED PRODUCTS                                                                   |                                                                                             |                                                           |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  | Part#: <a href="#">LTC2345HUK-18</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="#">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="#">LTC2344IUH-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="#">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="#">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#TRPBF</a><br>Description: IC ADC QUAD 18-BIT 32QFN         | 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="#">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="#">LTC2345CUK-18</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="#">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="#">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="#">LTC2344IUH-18</a><br>Description: IC ADC                                 | 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="#">LTC2344IUH-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="#">LTC2345CUK-16</a><br>Description: IC ADC                                 | 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> |

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