

LTC3785EUF#TRPBF





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**Part Number:** [LTC3785EUF#TRPBF](#)

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

**Description:** IC REG CTRLR BUCK-BOOST 24QFN

**Data sheet:**  [LTC3785](#)

**RoHs Status:** Lead free / RoHS Compliant

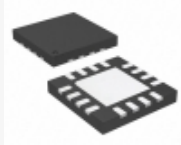
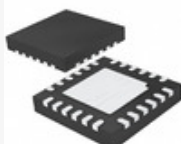
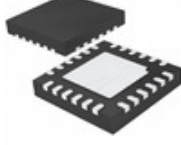
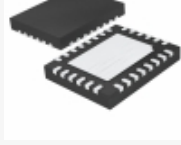
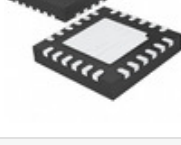
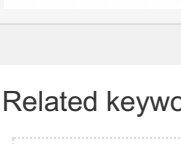
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                           |                                  |                                                                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | LTC3785EUF#TRPBF                          | Manufacturer                     | <a href="#">ADI (Analog Devices, Inc.)</a>                                              |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | IC REG CTRLR BUCK-BOOST 24QFN             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 16982 pcs                                 | Data sheet                       | <a href="#">LTC3785</a>                                                                 |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 2.7 V ~ 10 V                                                                            |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Buck-Boost                                | Synchronous Rectifier            | Yes                                                                                     |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 24-QFN (4x4)                              | Series                           | -                                                                                       |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                         | Packaging                        | Cut Tape (CT)                                                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 24-WFQFN Exposed Pad                      | Output Type                      | Transistor Driver                                                                       |
| Output Phases                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1                                         | Output Configuration             | Positive                                                                                |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | LTC3785EUF#TRPBFCT                        | Operating Temperature            | -40°C ~ 85°C (TA)                                                                       |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2                                         | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                           |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 10 Weeks                                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                              |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Step-Up/Step-Down                         | Frequency - Switching            | 100kHz ~ 1MHz                                                                           |
| Duty Cycle (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 99%                                       | Detailed Description             | Buck-Boost Regulator Positive Output Step-Up/Step-Down DC-DC Controller IC 24-QFN (4x4) |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Current Limit, Enable, Soft Start         | Clock Sync                       | No                                                                                      |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | LTC3785                                   |                                  |                                                                                         |
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| RELATED PRODUCTS                                                                   |                                                                                          |                                                           |                     |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------|---------------------|
|  | Part#: <a href="#">LTC3784MPGN#TRPBF</a><br>Description: IC REG CTRLR BOOST 28SSOP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3786EUD#PBF</a><br>Description: IC REG CTRLR MULT TOPOLOGY 16QFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3784MPGN#PBF</a><br>Description: IC REG CTRLR BOOST 28SSOP         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3785EUF-1#PBF</a><br>Description: IC REG CTRLR BUCK-BOOST 24QFN    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3785IUF</a><br>Description: IC POWER MANAGEMENT                    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3784IUFD#PBF</a><br>Description: IC REG CTRLR BOOST 28QFN          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3785EUF#PBF</a><br>Description: IC REG CTRLR BUCK-BOOST 24QFN      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3786EMSE#TRPBF</a><br>Description: IC REG CTRLR MULT TOP 16MSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3786EUD#TRPBF</a><br>Description: IC REG CTRLR MULT TOPOLOGY 16QFN | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3785EUF-1#TRPBF</a><br>Description: IC REG CTRLR BUCK-BOOST 24QFN  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3784IGN#TRPBF</a><br>Description: IC REG CTRLR BOOST 28SSOP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3786EMSE#PBF</a><br>Description: IC REG CTRLR MULT TOP 16MSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3784MPUFD#PBF</a><br>Description: IC REG CTRLR BOOST 28QFN         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3784MPUFD#TRPBF</a><br>Description: IC REG CTRLR BOOST 28QFN       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3785EUF-1</a><br>Description: IC POWER MANAGEMENT                  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3785IUF#PBF</a><br>Description: IC REG CTRLR BUCK-BOOST 24QFN      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
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Related keywords for LTC3785EUF#TRPBF

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