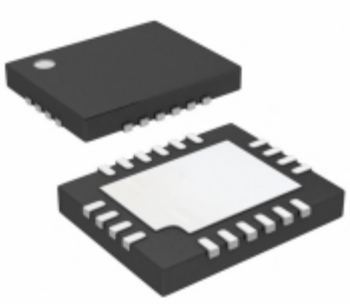


LTC3834EUFDPBF





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Part Number: [LTC3834EUFDPBF](#)

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

Description: IC REG CTRLR BUCK 20QFN

Data sheet:  [LTC3834](#)

RoHs Status: Lead free / RoHS Compliant

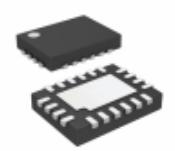
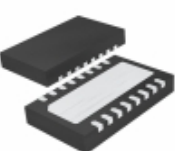
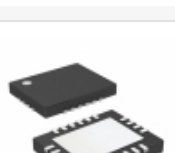
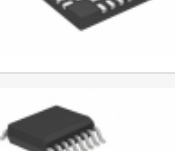
Ship From: Hong Kong

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LTC3834EUFDPBF                                                            | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a>              |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | IC REG CTRLR BUCK 20QFN                                                   | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 19839 pcs                                                                 | Data sheet                      | <a href="#">LTC3834</a>                                 |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Integrated Circuits (ICs)</a>                                 | Voltage - Supply (Vcc/Vdd)      | 4 V ~ 36 V                                              |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Buck                                                                      | Synchronous Rectifier           | Yes                                                     |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 20-QFN (5x4)                                                              | Series                          | -                                                       |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -                                                                         | Packaging                       | Tube                                                    |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 20-WFQFN Exposed Pad                                                      | Output Type                     | Transistor Driver                                       |
| Output Phases                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1                                                                         | Output Configuration            | Positive                                                |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -40°C ~ 85°C (TA)                                                         | Number of Outputs               | 1                                                       |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1 (Unlimited)                                                             | Manufacturer Standard Lead Time | 10 Weeks                                                |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Lead free / RoHS Compliant                                                | Function                        | Step-Down                                               |
| Frequency - Switching                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 250kHz ~ 530kHz                                                           | Duty Cycle (Max)                | 99.4%                                                   |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Buck Regulator Positive Output Step-Down DC-DC Controller IC 20-QFN (5x4) | Control Features                | Enable, Phase Control, Power Good, Soft Start, Tracking |
| Clock Sync                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | No                                                                        | Base Part Number                | LTC3834                                                 |
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| RELATED PRODUCTS                                                                   |                                                                                     |                                                           |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  | Part#: <a href="#">LTC3833IUDCPBF</a><br>Description: IC REG CTRLR BUCK 20QFN       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3834EDHC-1#TRPBF</a><br>Description: IC REG CTRLR BUCK 16-DFN | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3834IGN-1#PBF</a><br>Description: IC REG CTRLR BUCK 16SSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3833IFE#PBF</a><br>Description: IC REG CTRLR BUCK 20TSSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3834EFE#TRPBF</a><br>Description: IC REG CTRLR BUCK 20TSSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3834EGN-1#PBF</a><br>Description: IC REG CTRLR BUCK 16SSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3834EFE#PBF</a><br>Description: IC REG CTRLR BUCK 20TSSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3835EDHC-1#PBF</a><br>Description: IC REG CTRLR BUCK 16-DFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3834EUFDP#TRPBF</a><br>Description: IC REG CTRLR BUCK 20QFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3834IFE#PBF</a><br>Description: IC REG CTRLR BUCK 20TSSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3834IDHC-1#PBF</a><br>Description: IC REG CTRLR BUCK 16-DFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3833IFE#TRPBF</a><br>Description: IC REG CTRLR BUCK 20TSSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3834EDHC-1#PBF</a><br>Description: IC REG CTRLR BUCK 16-DFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3833IUDCP#TRPBF</a><br>Description: IC REG CTRLR BUCK 20QFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3834IDHC-1#TRPBF</a><br>Description: IC REG CTRLR BUCK 16-DFN | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3834IFE#TRPBF</a><br>Description: IC REG CTRLR BUCK 20TSSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3834IUFDP#PBF</a><br>Description: IC REG CTRLR BUCK 20QFN     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3834EGN-1#TRPBF</a><br>Description: IC REG CTRLR BUCK 16SSOP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3834IGN-1#TRPBF</a><br>Description: IC REG CTRLR BUCK 16SSOP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3834IUFDP#TRPBF</a><br>Description: IC REG CTRLR BUCK 20QFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |

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