

LTC3899HFE#TRPBF



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Part Number: [LTC3899HFE#TRPBF](#)

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

Description: IC REG CTRLR BCK/BCK-BST 38TSSOP

Data sheet:  [LTC3899](#)

RoHs Status: Lead free / RoHS Compliant

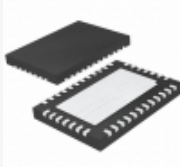
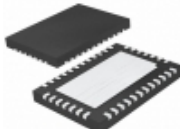
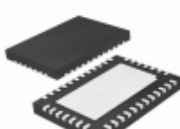
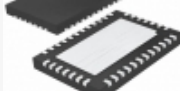
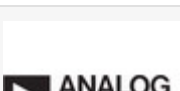
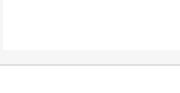
Ship From: Hong Kong

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                                                                                                                                                                                                                                                                                                                                                                                                                         | LTC3899HFE#TRPBF                                                                     | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a>      |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                         | IC REG CTRLR BCK/BCK-BST 38TSSOP                                                     | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                  | 14085 pcs                                                                            | Data sheet                      | <a href="#">LTC3899</a>                         |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                            | <a href="#">Integrated Circuits (ICs)</a>                                            | Voltage - Supply (Vcc/Vdd)      | 4.5 V ~ 60 V                                    |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                            | Buck, Buck-Boost                                                                     | Synchronous Rectifier           | Yes                                             |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                             | 38-TSSOP-EP                                                                          | Series                          | -                                               |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                                                                    | Packaging                       | Tape & Reel (TR)                                |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                      | 38-TFSOP (0.173", 4.40mm Width) Exposed Pad                                          | Output Type                     | Transistor Driver                               |
| Output Phases                                                                                                                                                                                                                                                                                                                                                                                                                       | 2                                                                                    | Output Configuration            | Positive                                        |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                               | -40°C ~ 150°C (TJ)                                                                   | Number of Outputs               | 3                                               |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                    | 1 (Unlimited)                                                                        | Manufacturer Standard Lead Time | 8 Weeks                                         |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                      | Lead free / RoHS Compliant                                                           | Function                        | Step-Down                                       |
| Frequency - Switching                                                                                                                                                                                                                                                                                                                                                                                                               | 105kHz ~ 835kHz, 350kHz ~ 535kHz                                                     | Duty Cycle (Max)                | 100%                                            |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                | Buck, Buck-Boost Regulator Positive Output Step-Down DC-DC Controller IC 38-TSSOP-EP | Control Features                | Enable, Frequency Control, Soft Start, Tracking |
| Clock Sync                                                                                                                                                                                                                                                                                                                                                                                                                          | No                                                                                   | Base Part Number                | LTC3899                                         |
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| RELATED PRODUCTS                                                                   |                                                                                           |                                                           |                |
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|  | Part#: <a href="#">LTC3899HFE</a><br>Description: IC POWER MANAGEMENT                     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3899EFE</a><br>Description: IC POWER MANAGEMENT                     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3897IUHF#PBF</a><br>Description: IC REG CTRLR BUCK BOOST 38QFN      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3899EUHF#PBF</a><br>Description: IC REG CTRLR BUCK/BUCK-BST 38QFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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