

LTC3859AHFE#PBF



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Part Number: [LTC3859AHFE#PBF](#)

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

Description: IC REG CTRLR MULT TOP 38TSSOP

Data sheet:  [LTC3859A Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

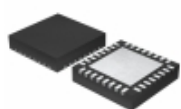
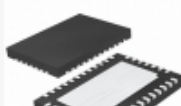
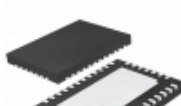
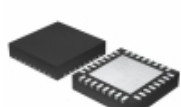
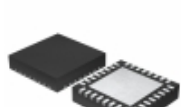
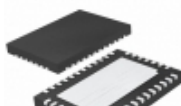
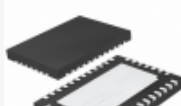
Ship From: Hong Kong

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                                                                                                                                                                                                                                                                                                                                                                                                                        | LTC3859AHFE#PBF                                                                                                | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a>                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                        | IC REG CTRLR MULT TOP 38TSSOP                                                                                  | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                 | 16007 pcs                                                                                                      | Data sheet                      | <a href="#">LTC3859A Datasheet</a>                          |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Integrated Circuits (ICs)</a>                                                                      | Voltage - Supply (Vcc/Vdd)      | 4.5 V ~ 38 V                                                |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                           | Buck, Buck-Boost, SEPIC                                                                                        | Synchronous Rectifier           | Yes                                                         |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                            | 38-TSSOP-EP                                                                                                    | Series                          | -                                                           |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                                                                                              | Packaging                       | Tube                                                        |
| 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 | 15 Weeks                                                    |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                     | Lead free / RoHS Compliant                                                                                     | Function                        | Step-Down, Step-Up/Step-Down                                |
| Frequency - Switching                                                                                                                                                                                                                                                                                                                                                                                                              | 115kHz ~ 835kHz, 350kHz ~ 535kHz                                                                               | Duty Cycle (Max)                | 99%, 100%                                                   |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                               | Buck, Buck-Boost, SEPIC Regulator Positive Output Step-Down, Step-Up/Step-Down DC-DC Controller IC 38-TSSOP-EP | Control Features                | Enable, Frequency Control, Power Good, Soft Start, Tracking |
| Clock Sync                                                                                                                                                                                                                                                                                                                                                                                                                         | No                                                                                                             | Base Part Number                | LTC3859                                                     |
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| RELATED PRODUCTS                                                                   |                                                                                            |                                                           |                |
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|  | Part#: <a href="#">LTC3859AEFE#TRPBF</a><br>Description: IC REG CTRLR MULT TOP 38TSSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3858IUH-2#PBF</a><br>Description: IC REG CTRLR BUCK 32QFN            | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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