

LTC3859AHUHF#PBF





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Part Number: [LTC3859AHUHF#PBF](#)

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

Description: IC REG CTRLR MULT TOPOLOGY 38QFN

Data sheet:  [LTC3859A Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

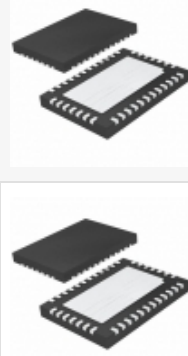
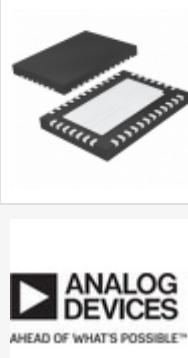
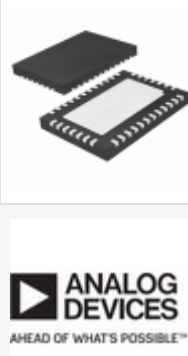
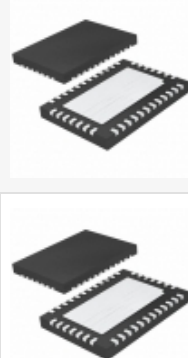
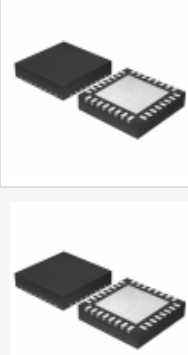
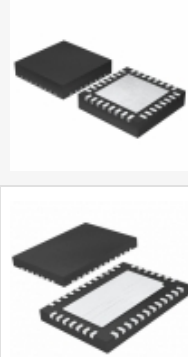
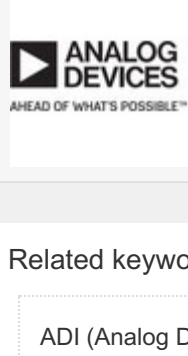
Ship From: Hong Kong

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Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                 |                                 |                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                         | LTC3859AHUHF#PBF                                                                                                | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a>                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                         | IC REG CTRLR MULT TOPOLOGY 38QFN                                                                                | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                  | 14246 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-QFN (5x7)                                                                                                    | Series                          | -                                                           |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                                                                                               | Packaging                       | Tube                                                        |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                      | 38-WFQFN 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, 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-QFN (5x7) | 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="#">LTC3859ALEUHF#PBF</a><br>Description: IC REG CTRLR MULT TOPOLOGY 38QFN  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | 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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