

LTC3859ALIFE#PBF



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Part Number: [LTC3859ALIFE#PBF](#)

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

Description: IC REG CTRLR MULT TOP 38TSSOP

Data sheet:  [LTC3859AL](#)

RoHs Status: Lead free / RoHS Compliant

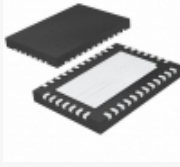
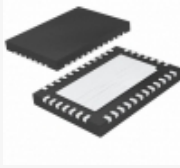
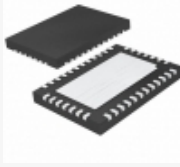
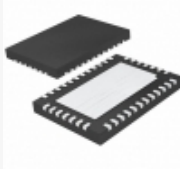
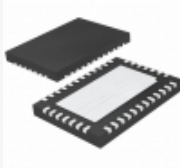
Ship From: Hong Kong

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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                                                                                                                                                                                                                                                                                                                                                                                                                        | LTC3859ALIFE#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                                                                                                                                                                                                                                                                                                                                                                                                                 | 8719 pcs                                                    | Data sheet                       | <a href="#">LTC3859AL</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                                                                                                       |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                        | LTC3859ALIFE#PBF                                            | Operating Temperature            | -40°C ~ 125°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-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                                                                   |                                                                                              |                                                           |     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------|-----|
|  | Part#: <a href="#">LTC3859AMPFE</a><br>Description: IC POWER MANAGEMENT                      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3859ALEUHF#TRPBF</a><br>Description: IC REG CTRLR MULT TOPOLOGY 38QFN  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3859ALEFE#TRPBF</a><br>Description: IC REG CTRLR MULT TOP 38TSSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
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|  | Part#: <a href="#">LTC3859ALIFE</a><br>Description: IC POWER MANAGEMENT                      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
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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> | RFQ |
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| Related keywords for LTC3859ALIFE#PBF       |                              |                                             |                                      |
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