

LTC3802EGN#PBF



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Part Number: [LTC3802EGN#PBF](#)

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

Description: IC REG CTRLR BUCK 28SSOP

Data sheet:  [LTC3802](#)

RoHs Status: Lead free / RoHS Compliant

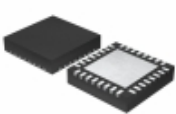
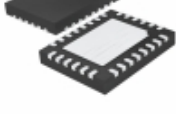
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                      |                                 |                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|---------------------------------|-----------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LTC3802EGN#PBF                                                       | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a>    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | IC REG CTRLR BUCK 28SSOP                                             | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 19018 pcs                                                            | Data sheet                      | <a href="#">LTC3802</a>                       |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Integrated Circuits (ICs)</a>                            | Voltage - Supply (Vcc/Vdd)      | 3 V ~ 30 V                                    |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Buck                                                                 | Synchronous Rectifier           | Yes                                           |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 28-SSOP                                                              | Series                          | -                                             |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -                                                                    | Packaging                       | Tube                                          |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 28-SSOP (0.154", 3.90mm Width)                                       | Output Type                     | Transistor Driver                             |
| Output Phases                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2                                                                    | Output Configuration            | Positive                                      |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -40°C ~ 85°C (TA)                                                    | Number of Outputs               | 2                                             |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 330kHz ~ 750kHz                                                      | Duty Cycle (Max)                | 89%                                           |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Buck Regulator Positive Output Step-Down DC-DC Controller IC 28-SSOP | Control Features                | Current Limit, Enable, Power Good, Soft Start |
| Clock Sync                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | No                                                                   | Base Part Number                | LTC3802                                       |
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| RELATED PRODUCTS                                                                   |                                                                                          |                                                           |                |
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|  | Part#: <a href="#">LTC3803ES6-3#TRMPBF</a><br>Description: IC REG CTRLR FLYBACK TSOT23-6 | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3789EUFD#PBF</a><br>Description: IC REG CTRLR BUCK-BOOST 28QFN     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3789IGN#PBF</a><br>Description: IC REG CTRLR BUCK-BOOST 28SSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LTC3789IUD#TRPBF</a><br>Description: IC REG CTRLR BUCK-BOOST 28QFN    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3801BES6#TRPBF</a><br>Description: IC REG CTRLR BUCK TSOT23-6      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LTC3789IUD#PBF</a><br>Description: IC REG CTRLR BUCK-BOOST 28QFN      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3802EGN#TRPBF</a><br>Description: IC REG CTRLR BUCK 28SSOP         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LTC3789IGN#TRPBF</a><br>Description: IC REG CTRLR BUCK-BOOST 28SSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3803ES6-5#TRMPBF</a><br>Description: IC REG CTRLR FLYBACK TSOT23-6 | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3803ES6-3#TRPBF</a><br>Description: IC REG CTRLR FLYBACK TSOT23-6  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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