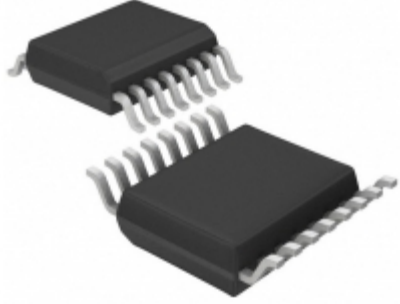


LTC3835IGN-1#PBF





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Part Number: [LTC3835IGN-1#PBF](#)

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

Description: IC REG CTRLR BUCK 16SSOP

Data sheet:  [LTC3835-1](#)

RoHs Status: Lead free / RoHS Compliant

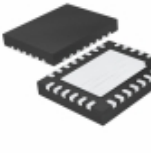
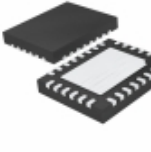
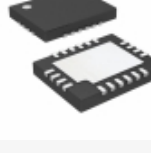
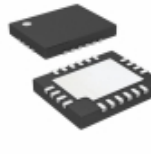
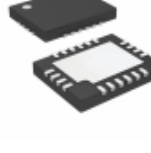
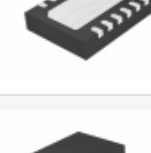
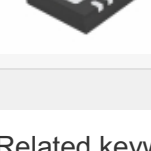
Ship From: Hong Kong

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | LTC3835IGN-1#PBF                          | Manufacturer                     | <a href="#">ADI (Analog Devices, Inc.)</a>                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | IC REG CTRLR BUCK 16SSOP                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 21558 pcs                                 | Data sheet                       | <a href="#">LTC3835-1</a>                                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 4 V ~ 36 V                                                           |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Buck                                      | Synchronous Rectifier            | Yes                                                                  |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 16-SSOP                                   | Series                           | -                                                                    |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                         | Packaging                        | Tube                                                                 |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 16-SSOP (0.154", 3.90mm Width)            | Output Type                      | Transistor Driver                                                    |
| Output Phases                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1                                         | Output Configuration             | Positive                                                             |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | LTC3835IGN1PBF                            | Operating Temperature            | -40°C ~ 85°C (TA)                                                    |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1                                         | 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            | 250kHz ~ 530kHz                                                      |
| Duty Cycle (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 99.4%                                     | Detailed Description             | Buck Regulator Positive Output Step-Down DC-DC Controller IC 16-SSOP |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Enable, Soft Start, Tracking              | Clock Sync                       | No                                                                   |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | LTC3835                                   |                                  |                                                                      |
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| RELATED PRODUCTS                                                                   |                                                                                     |                                                           |     |
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|  | Part#: <a href="#">LTC3835EGN-1#TRPBF</a><br>Description: IC REG CTRLR BUCK 16SSOP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3838EFE</a><br>Description: IC POWER MANAGEMENT               | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3835IGN-1#TRPBF</a><br>Description: IC REG CTRLR BUCK 16SSOP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3835IFE#PBF</a><br>Description: IC REG CTRLR BUCK 20TSSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3836EUFD#PBF</a><br>Description: IC REG CTRLR BUCK 28QFN      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3835IFE#TRPBF</a><br>Description: IC REG CTRLR BUCK 20TSSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3835EFE#TRPBF</a><br>Description: IC REG CTRLR BUCK 20TSSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3836EGN#TRPBF</a><br>Description: IC REG CTRLR BUCK 28SSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3835IUD#TRPBF</a><br>Description: IC REG CTRLR BUCK 20QFN     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
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|  | Part#: <a href="#">LTC3835EUFD#TRPBF</a><br>Description: IC REG CTRLR BUCK 20QFN    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3835EGN-1#PBF</a><br>Description: IC REG CTRLR BUCK 16SSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3836EGN#PBF</a><br>Description: IC REG CTRLR BUCK 28SSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3835EUFD#PBF</a><br>Description: IC REG CTRLR BUCK 20QFN      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3835IDHC-1#TRPBF</a><br>Description: IC REG CTRLR BUCK 16-DFN | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3835IDHC-1#PBF</a><br>Description: IC REG CTRLR BUCK 16-DFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |

|                                             |                              |                                             |                                      |
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