

LTC3851AIUD-1#PBF





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Part Number: [LTC3851AIUD-1#PBF](#)

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

Description: IC REG CTRLR BUCK 16QFN

Data sheet:  [LTC3851A-1](#)

RoHs Status: Lead free / RoHS Compliant

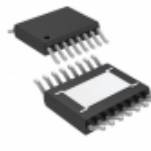
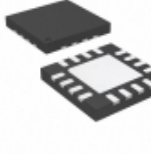
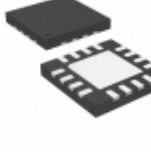
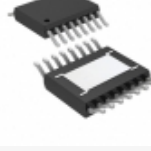
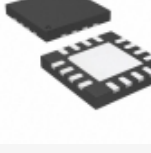
Ship From: Hong Kong

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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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | LTC3851AIUD-1#PBF                                                            | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a>                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | IC REG CTRLR BUCK 16QFN                                                      | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 42204 pcs                                                                    | Data sheet                      | <a href="#">LTC3851A-1</a>                                  |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <a href="#">Integrated Circuits (ICs)</a>                                    | Voltage - Supply (Vcc/Vdd)      | 4 V ~ 38 V                                                  |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Buck                                                                         | Synchronous Rectifier           | Yes                                                         |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 16-QFN-EP (3x3)                                                              | Series                          | -                                                           |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                                                            | Packaging                       | Tube                                                        |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 16-WFQFN Exposed Pad                                                         | Output Type                     | Transistor Driver                                           |
| Output Phases                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1                                                                            | Output Configuration            | Positive                                                    |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -40°C ~ 125°C (TJ)                                                           | Number of Outputs               | 1                                                           |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1 (Unlimited)                                                                | Manufacturer Standard Lead Time | 12 Weeks                                                    |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Lead free / RoHS Compliant                                                   | Function                        | Step-Down                                                   |
| Frequency - Switching                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 235kHz ~ 750kHz                                                              | Duty Cycle (Max)                | 99%                                                         |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Buck Regulator Positive Output Step-Down DC-DC Controller IC 16-QFN-EP (3x3) | Control Features                | Enable, Frequency Control, Power Good, Soft Start, Tracking |
| Clock Sync                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | No                                                                           | Base Part Number                | LTC3851                                                     |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all ADI (Analog Devices, Inc.) series electronic components. We have 42204 pieces of ADI (Analog Devices, Inc.) LTC3851AIUD-1#PBF in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                              |                                 |                                                             |

| RELATED PRODUCTS                                                                   |                                                                                       |                                                           |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
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|  | Part#: <a href="#">LTC3851AIMSE#PBF</a><br>Description: IC REG CTRLR BUCK 16MSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LTC3851AIGN#PBF</a><br>Description: IC REG CTRLR BUCK 16SSOP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3851AIUD-1#TRPBF</a><br>Description: IC REG CTRLR BUCK 16QFN    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3851EMSE#TRPBF</a><br>Description: IC REG CTRLR BUCK 16MSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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