

LTC3727IG-1#TRPBF



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Part Number: [LTC3727IG-1#TRPBF](#)

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

Description: IC REG CTRLR BUCK 28SSOP

Data sheet:  [LTC3727/-1](#)

RoHs Status: Lead free / RoHS Compliant

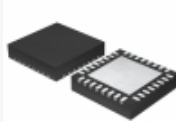
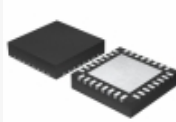
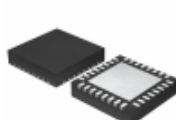
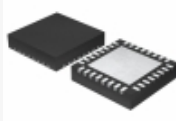
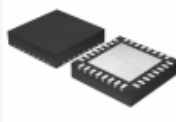
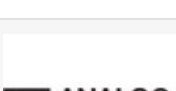
Ship From: Hong Kong

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | LTC3727IG-1#TRPBF                         | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 11919 pcs                                 | Data sheet                       | <a href="#">LTC3727/-1</a>                                           |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 4 V ~ 30 V                                                           |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Buck                                      | Synchronous Rectifier            | Yes                                                                  |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 28-SSOP                                   | Series                           | -                                                                    |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                         | Packaging                        | Tape & Reel (TR)                                                     |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 28-SSOP (0.209", 5.30mm Width)            | Output Type                      | Transistor Driver                                                    |
| Output Phases                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2                                         | Output Configuration             | Positive                                                             |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | LTC3727IG1TRPBF                           | 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            | 255kHz ~ 530kHz                                                      |
| Duty Cycle (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 99.4%                                     | Detailed Description             | Buck Regulator Positive Output Step-Down DC-DC Controller IC 28-SSOP |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Enable, Power Good, Soft Start            | Clock Sync                       | No                                                                   |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | LTC3727                                   |                                  |                                                                      |
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| RELATED PRODUCTS                                                                   |                                                                                     |                                                           |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
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|  | Part#: <a href="#">LTC3727EUH-1#TRPBF</a><br>Description: IC REG CTRLR BUCK 32QFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3727EG#PBF</a><br>Description: IC REG CTRLR BUCK 28SSOP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3727LXEUH-1#PBF</a><br>Description: IC REG CTRLR BUCK 32QFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LTC3727AIG-1#PBF</a><br>Description: IC REG CTRLR BUCK 28SSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3727EUH-1#PBF</a><br>Description: IC REG CTRLR BUCK 32QFN     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3727AIG-1#TRPBF</a><br>Description: IC REG CTRLR BUCK 28SSOP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3727EG#TRPBF</a><br>Description: IC REG CTRLR BUCK 28SSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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