

LTC3728LEGN#TRPBF



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Part Number: [LTC3728LEGN#TRPBF](#)

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

Description: IC REG CTRLR BUCK 28SSOP

Data sheet:  [LTC3728L/LX](#)

RoHs Status: Lead free / RoHS Compliant

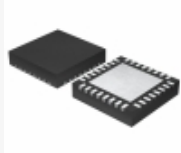
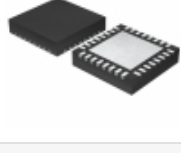
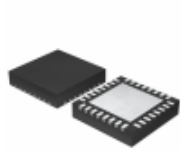
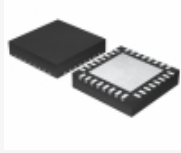
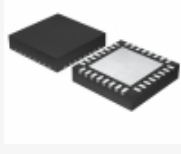
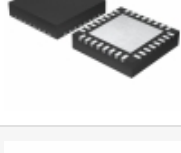
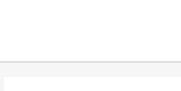
Ship From: Hong Kong

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | LTC3728LEGN#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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 15333 pcs                                                            | Data sheet                      | <a href="#">LTC3728L/LX</a>                |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <a href="#">Integrated Circuits (ICs)</a>                            | Voltage - Supply (Vcc/Vdd)      | 4.5 V ~ 28 V                               |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Buck                                                                 | Synchronous Rectifier           | Yes                                        |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 28-SSOP                                                              | Series                          | -                                          |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                                                    | Packaging                       | Tape & Reel (TR)                           |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 260kHz ~ 550kHz                                                      | 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                | LTC3728                                    |
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| RELATED PRODUCTS                                                                   |                                                                                     |                                                           |                |
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|  | Part#: <a href="#">LTC3728IUH#PBF</a><br>Description: IC REG CTRLR BUCK 32QFN       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3728LEUH-1#TRPBF</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="#">LTC3728EUH#TRPBF</a><br>Description: IC REG CTRLR BUCK 32QFN     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3728IG#TRPBF</a><br>Description: IC REG CTRLR BUCK 28SSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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