

LTC3731IUH#TRPBF





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Part Number: [LTC3731IUH#TRPBF](#)

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

Description: IC REG CTRLR BUCK 32QFN

Data sheet:  [LTC3731](#)

RoHs Status: Lead free / RoHS Compliant

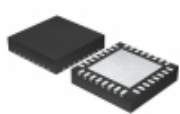
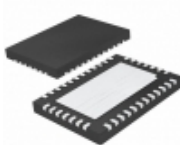
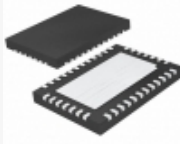
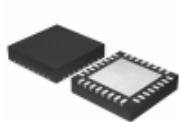
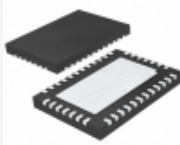
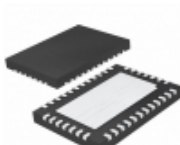
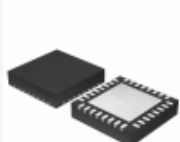
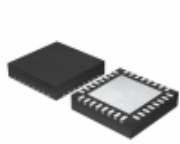
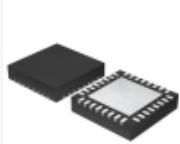
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                           |                                 |                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------|-----------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | LTC3731IUH#TRPBF                                                          | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a>    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | IC REG CTRLR BUCK 32QFN                                                   | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 18054 pcs                                                                 | Data sheet                      | <a href="#">LTC3731</a>                       |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Integrated Circuits (ICs)</a>                                 | Voltage - Supply (Vcc/Vdd)      | 3.8 V ~ 7 V                                   |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Buck                                                                      | Synchronous Rectifier           | Yes                                           |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 32-QFN (5x5)                                                              | Series                          | PolyPhase®                                    |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                                                         | Packaging                       | Tape & Reel (TR)                              |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 32-WFQFN Exposed Pad                                                      | Output Type                     | Transistor Driver                             |
| Output Phases                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 3                                                                         | Output Configuration            | Positive                                      |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -40°C ~ 85°C (TA)                                                         | Number of Outputs               | 3                                             |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 225kHz ~ 680kHz                                                           | Duty Cycle (Max)                | 98.5%                                         |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Buck Regulator Positive Output Step-Down DC-DC Controller IC 32-QFN (5x5) | Control Features                | Enable, Phase Control, Power Good, Soft Start |
| Clock Sync                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | No                                                                        | Base Part Number                | LTC3731                                       |
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| RELATED PRODUCTS                                                                   |                                                                                             |                                                           |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
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|  | Part#: <a href="#">LTC3732CG#PBF</a><br>Description: IC REG CTRLR BUCK 36SSOP               | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3732CUHF#TRPBF</a><br>Description: IC REG CTRLR BUCK 38QFN            | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3733CUHF-1#PBF</a><br>Description: IC CTRLR BUCK 3PH AMD CPU 38-QFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3731HUH#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="#">LTC3733CG#PBF</a><br>Description: IC CTRLR BUCK AMD 3PHASE 36-SSOP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3733CG#TRPBF</a><br>Description: IC CTRLR BUCK AMD 3PHASE 36-SSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3732CG#TRPBF</a><br>Description: IC REG CTRLR BUCK 36SSOP             | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LTC3731G#PBF</a><br>Description: IC REG CTRLR BUCK 36SSOP                | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LTC3731IG#TRPBF</a><br>Description: IC REG CTRLR BUCK 36SSOP             | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LTC3731CUH#PBF</a><br>Description: IC REG CTRLR BUCK 32QFN               | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3731HG#PBF</a><br>Description: IC REG CTRLR BUCK 36SSOP               | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3731CG#TRPBF</a><br>Description: IC REG CTRLR BUCK 36SSOP             | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3734EUH#PBF</a><br>Description: IC CTRLR DC/DC 1PH HI EFF 32QFN       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |

Related keywords for LTC3731IUH#TRPBF

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