

LTC3731HUH#PBF





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Part Number: [LTC3731HUH#PBF](#)

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

Description: IC REG CTRLR BUCK 32QFN

Data sheet:  [LTC3731H](#)

RoHs Status: Lead free / RoHS Compliant

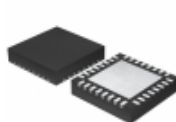
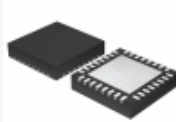
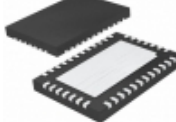
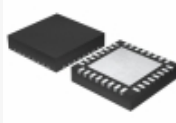
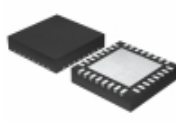
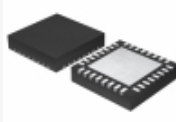
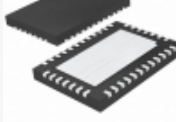
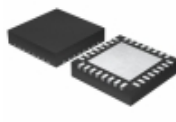
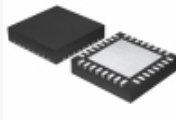
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                           |                                 |                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------|-----------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LTC3731HUH#PBF                                                            | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 16511 pcs                                                                 | Data sheet                      | <a href="#">LTC3731H</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                       | Tube                                          |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 32-WFQFN Exposed Pad                                                      | Output Type                     | Transistor Driver                             |
| Output Phases                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 3                                                                         | Output Configuration            | Positive                                      |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -40°C ~ 140°C (TJ)                                                        | 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                                       |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all ADI (Analog Devices, Inc.) series electronic components. We have 16511 pieces of ADI (Analog Devices, Inc.) LTC3731HUH#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="#">LTC3731CG#TRPBF</a><br>Description: IC REG CTRLR BUCK 36SSOP         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3731HUH#TRPBF</a><br>Description: IC REG CTRLR BUCK 32QFN         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | 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="#">LTC3731HG#PBF</a><br>Description: IC REG CTRLR BUCK 36SSOP           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3730CG#TRPBF</a><br>Description: IC SW REG CTRLR SYNC BUCK 36SSOP | 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> |
|  | Part#: <a href="#">LTC3731IG#PBF</a><br>Description: IC REG CTRLR BUCK 36SSOP           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3729LEUH-6#TRPBF</a><br>Description: IC REG CTRLR BUCK 32QFN      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3732CG#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="#">LTC3731CUH#PBF</a><br>Description: IC REG CTRLR BUCK 32QFN           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3729LEUH-6#PBF</a><br>Description: IC REG CTRLR BUCK 32QFN        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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