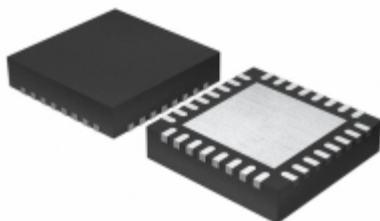


LTC7812IUH#PBF





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Part Number: [LTC7812IUH#PBF](#)

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

Description: IC REG CTRLR BUCK/BOOST 32QFN

Data sheet:  [LTC7812 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

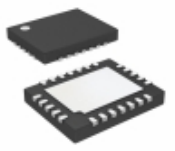
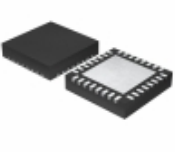
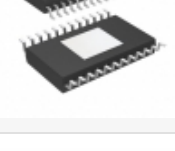
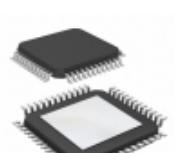
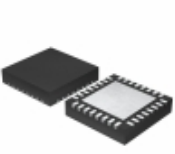
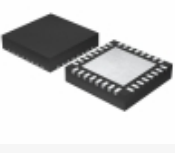
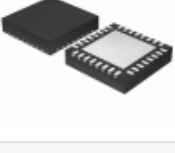
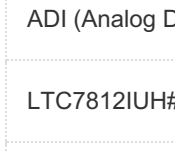
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                           |                                 |                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------------|-------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LTC7812IUH#PBF                                                                            | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a>                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | IC REG CTRLR BUCK/BOOST 32QFN                                                             | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 19486 pcs                                                                                 | Data sheet                      | <a href="#">LTC7812 Datasheet</a>                           |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Integrated Circuits (ICs)</a>                                                 | Voltage - Supply (Vcc/Vdd)      | 4.5 V ~ 38 V                                                |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Buck, Boost                                                                               | Synchronous Rectifier           | No                                                          |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 32-QFN (5x5)                                                                              | Series                          | -                                                           |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -                                                                                         | Packaging                       | Tube                                                        |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 32-WQFN Exposed Pad                                                                       | Output Type                     | Transistor Driver                                           |
| Output Phases                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1                                                                                         | Output Configuration            | Positive                                                    |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -40°C ~ 125°C (TJ)                                                                        | 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-Up, Step-Down                                          |
| Frequency - Switching                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 115kHz ~ 835kHz, 350kHz ~ 535kHz                                                          | Duty Cycle (Max)                | 96%, 99%                                                    |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Buck, Boost Regulator Positive Output Step-Up, Step-Down DC-DC Controller IC 32-QFN (5x5) | Control Features                | Enable, Frequency Control, Power Good, Soft Start, Tracking |
| Clock Sync                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | No                                                                                        | Base Part Number                | LTC7812                                                     |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                                           |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  | Part#: <a href="#">LTC7801IUFD#TRPBF</a><br>Description: IC REG CTRLR SYNC BUCK 24QFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC7813HUH#TRPBF</a><br>Description: IC REG CTRLR BUCK/BOOST         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC7815EUHF#PBF</a><br>Description: LOW IQ, 2.25MHZ, TRIPLE OUTPUT,  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC7801IFE#TRPBF</a><br>Description: IC REG CTRLR SYNC BUCK 24TSSOP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC7812HUH#PBF</a><br>Description: IC REG CTRLR BUCK/BOOST 32QFN     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC7801IUFD#PBF</a><br>Description: IC REG CTRLR SYNC BUCK 24QFN     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC7813HUH#PBF</a><br>Description: IC REG CTRLR BUCK/BOOST 32QFN     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC7813IUH#PBF</a><br>Description: IC REG CTRLR BUCK/BOOST 32QFN     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC7812IUH#TRPBF</a><br>Description: IC REG CTRLR BUCK/BOOST 32QFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC7812HUH#TRPBF</a><br>Description: IC REG CTRLR BUCK/BOOST 32QFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC7813IUH#TRPBF</a><br>Description: IC REG CTRLR BUCK/BOOST         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC7813EUH#PBF</a><br>Description: IC REG CTRLR BUCK/BOOST 32QFN     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC7810HLXE#PBF</a><br>Description: 150V LOW IQ, DUAL, 2-PHASE SYNCH | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC7812EUH#TRPBF</a><br>Description: IC REG CTRLR BUCK/BOOST 32QFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC7810ILXE#PBF</a><br>Description: 150V LOW IQ, DUAL, 2-PHASE SYNCH | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC7813EUH#TRPBF</a><br>Description: IC REG CTRLR BUCK/BOOST         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC7813MPUH#PBF</a><br>Description: IC REG CTRLR BUCK/BOOST 32QFN    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC7813MPUH#TRPBF</a><br>Description: IC REG CTRLR BUCK/BOOST        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC7810ELXE#PBF</a><br>Description: 150V LOW IQ, DUAL, 2-PHASE SYNCH | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC7812EUH#PBF</a><br>Description: IC REG CTRLR BUCK/BOOST 32QFN     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |

| Related keywords for LTC7812IUH#PBF       |                            |                                           |                                    |
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