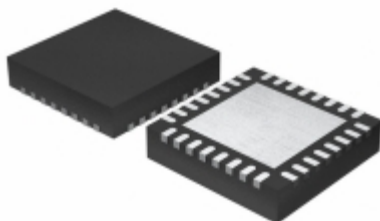


LTC3788EUH#PBF





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Part Number: [LTC3788EUH#PBF](#)

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

Description: IC REG CTRLR BOOST 32QFN

Data sheet:  [LTC3788](#)

RoHs Status: Lead free / RoHS Compliant

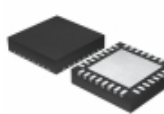
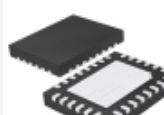
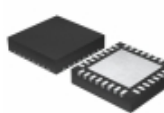
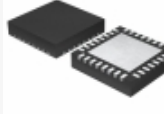
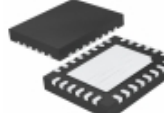
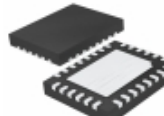
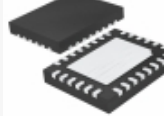
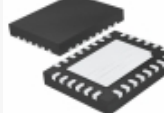
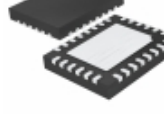
Ship From: Hong Kong

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                                                                                                                                                                                                                                                                                                                                                                                                                       | LTC3788EUH#PBF                                                           | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a>                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                       | IC REG CTRLR BOOST 32QFN                                                 | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                | 19075 pcs                                                                | Data sheet                      | <a href="#">LTC3788</a>                                          |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a>                                | Voltage - Supply (Vcc/Vdd)      | 4.5 V ~ 38 V                                                     |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                          | Boost                                                                    | Synchronous Rectifier           | Yes                                                              |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                           | 32-QFN (5x5)                                                             | Series                          | -                                                                |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                                                        | Packaging                       | Tube                                                             |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                    | 32-WFQFN Exposed Pad                                                     | Output Type                     | Transistor Driver                                                |
| Output Phases                                                                                                                                                                                                                                                                                                                                                                                                                     | 2                                                                        | 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                                                          |
| Frequency - Switching                                                                                                                                                                                                                                                                                                                                                                                                             | 105kHz ~ 760kHz                                                          | Duty Cycle (Max)                | 96%                                                              |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                              | Boost Regulator Positive Output Step-Up DC-DC Controller IC 32-QFN (5x5) | Control Features                | Current Limit, Enable, Frequency Control, Power Good, Soft Start |
| Clock Sync                                                                                                                                                                                                                                                                                                                                                                                                                        | No                                                                       | Base Part Number                | LTC3788                                                          |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                                           |     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------|-----|
|  | Part#: <a href="#">LTC3788IUH#TRPBF</a><br>Description: IC REG CTRLR BOOST 32QFN       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3787IUFDPBF</a><br>Description: IC REG CTRLR BOOST 28QFN         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3787MPGN</a><br>Description: IC POWER MANAGEMENT                 | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3789EGN#TRPBF</a><br>Description: IC REG CTRLR BUCK-BOOST 28SSOP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3788IUH#PBF</a><br>Description: IC REG CTRLR BOOST 32QFN         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3788EUH#TRPBF</a><br>Description: IC REG CTRLR BOOST 32QFN       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3787IUFDPBF</a><br>Description: IC REG CTRLR BOOST 28QFN         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3789IGN#PBF</a><br>Description: IC REG CTRLR BUCK-BOOST 28SSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3789EUFDPBF</a><br>Description: IC REG CTRLR BUCK-BOOST 28QFN    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3788IGN-1#PBF</a><br>Description: IC REG CTRLR BOOST 28SSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3787MPGN#PBF</a><br>Description: IC REG CTRLR BOOST 28SSOP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3787MPUFD#TRPBF</a><br>Description: IC REG CTRLR BOOST 28QFN     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3787IGN#TRPBF</a><br>Description: IC REG CTRLR BOOST 28SSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3787MPUFD#PBF</a><br>Description: IC REG CTRLR BOOST 28QFN       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3789EUFDPBF</a><br>Description: IC REG CTRLR BUCK-BOOST 28QFN    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3787MPGN#TRPBF</a><br>Description: IC REG CTRLR BOOST 28SSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3788IGN-1#TRPBF</a><br>Description: IC REG CTRLR BOOST 28SSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3789EGN#PBF</a><br>Description: IC REG CTRLR BUCK-BOOST 28SSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3788EGN-1#TRPBF</a><br>Description: IC REG CTRLR BOOST 28SSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
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Related keywords for LTC3788EUH#PBF

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