



ADI (Analog Devices, Inc.)

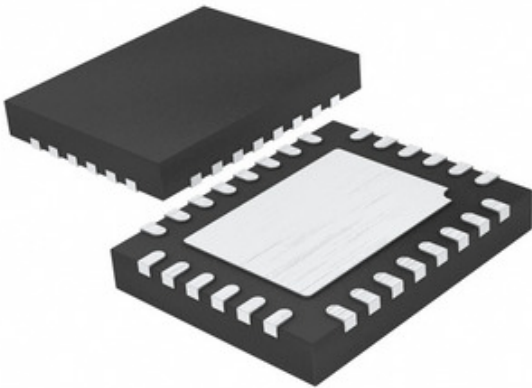


Image may be representation. See specifications for product details.

LTC3789EUFDPBF

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | LTC3789EUFDPBF                                                                                               |
| Manufacturer/Brand: | ADI (Analog Devices, Inc.)                                                                                   |
| Product description | IC REG CTRLR BUCK-BOOST 28QFN                                                                                |
|                     | <a href="#">1.LTC3789EUFDPBF.pdf</a>                                                                         |
|                     | <a href="#">2.LTC3789EUFDPBF.pdf</a>                                                                         |
|                     | <a href="#">3.LTC3789EUFDPBF.pdf</a>                                                                         |
|                     | <a href="#">4.LTC3789EUFDPBF.pdf</a>                                                                         |
|                     | <a href="#">5.LTC3789EUFDPBF.pdf</a>                                                                         |
|                     | <a href="#">6.LTC3789EUFDPBF.pdf</a>                                                                         |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 8374 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

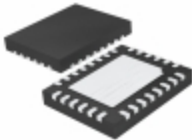
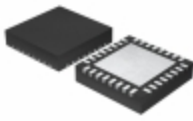
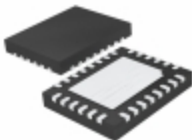
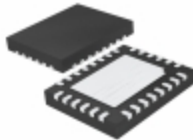
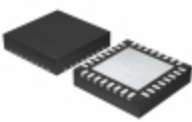
Specifications of LTC3789EUFDPBF

|                                  |                                                                                                                                                                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LTC3789EUFDPBF                                                                                                                                                                                                                               |
| MANUFACTURER                     | ADI (Analog Devices, Inc.)                                                                                                                                                                                                                   |
| DESCRIPTION                      | IC REG CTRLR BUCK-BOOST 28QFN                                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                   |
| QUANTITY AVAILABLE               | 8374 pcs                                                                                                                                                                                                                                     |
| DATA SHEET                       | <a href="#">1.LTC3789EUFDPBF.pdf</a><br><a href="#">2.LTC3789EUFDPBF.pdf</a><br><a href="#">3.LTC3789EUFDPBF.pdf</a><br><a href="#">4.LTC3789EUFDPBF.pdf</a><br><a href="#">5.LTC3789EUFDPBF.pdf</a><br><a href="#">6.LTC3789EUFDPBF.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4 V ~ 38 V                                                                                                                                                                                                                                   |
| TOPOLOGY                         | Buck-Boost                                                                                                                                                                                                                                   |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                                                                                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 28-QFN (4x5)                                                                                                                                                                                                                                 |
| SERIES                           | -                                                                                                                                                                                                                                            |
| SERIAL INTERFACES                | -                                                                                                                                                                                                                                            |
| PACKAGING                        | Tube                                                                                                                                                                                                                                         |
| PACKAGE / CASE                   | 28-WFQFN 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)                                                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                   |
| FUNCTION                         | Step-Up/Step-Down                                                                                                                                                                                                                            |
| FREQUENCY - SWITCHING            | 200kHz ~ 640kHz                                                                                                                                                                                                                              |
| DUTY CYCLE (MAX)                 | 90%                                                                                                                                                                                                                                          |
| DETAILED DESCRIPTION             | Buck-Boost Regulator Positive Output Step-Up/Step-Down DC-DC Controller IC 28-QFN (4x5)                                                                                                                                                      |
| CONTROL FEATURES                 | Current Limit, Enable, Frequency Control, Power Good, Soft Start                                                                                                                                                                             |
| CLOCK SYNC                       | No                                                                                                                                                                                                                                           |
| BASE PART NUMBER                 | LTC3789                                                                                                                                                                                                                                      |

Related Tags

|                                           |                                     |                                               |
|-------------------------------------------|-------------------------------------|-----------------------------------------------|
| ADI (Analog Devices, Inc.) LTC3789EUFDPBF | LTC3789EUFDPBF Distributor          | LTC3789EUFDPBF Supplier                       |
| LTC3789EUFDPBF Price                      | LTC3789EUFDPBF Pictures             | LTC3789EUFDPBF Image                          |
| LTC3789EUFDPBF PDF Datasheet              | LTC3789EUFDPBF Download Datasheet   | LTC3789EUFDPBF Datasheet                      |
| LTC3789EUFDPBF Stock                      | Buy LTC3789EUFDPBF                  | Buy ADI (Analog Devices, Inc.) LTC3789EUFDPBF |
| ADI (Analog Devices, Inc.) LTC3789EUFDPBF | ADI (Analog Devices, Inc.) Supplier | ADI (Analog Devices, Inc.) Distributor        |
| ADI (Analog Devices, Inc.) LTC3789EUFDPBF | AD LTC3789EUFDPBF                   | ADI (Analog Devices, Inc.) LTC3789EUFDPBF     |
| Analog Devices Inc. LTC3789EUFDPBF        | Analog Devices, Inc. LTC3789EUFDPBF |                                               |

Related Products

|                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                     |
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| <div><div><b>LTC3789IGN#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BUCK-BOOST 28SSOP<br/>In stock: 9401 pcs</div><div>RFQ</div></div>    | <div><div><b>LTC3789IUFDPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BUCK-BOOST 28QFN<br/>In stock: 8542 pcs</div><div>RFQ</div></div>    |
| <div><div><b>LTC3801BES6#TRMPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BUCK TSOT23-6<br/>In stock: 21458 pcs</div><div>RFQ</div></div>   | <div><div><b>LTC3789EGN#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BUCK-BOOST 28SSOP<br/>In stock: 10781 pcs</div><div>RFQ</div></div>  |
| <div><div><b>LTC3789IGN#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BUCK-BOOST 28SSOP<br/>In stock: 16427 pcs</div><div>RFQ</div></div> | <div><div><b>LTC3788IGN-1#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BOOST 28SSOP<br/>In stock: 20684 pcs</div><div>RFQ</div></div>   |
| <div><div><b>LTC3788IGN-1#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BOOST 28SSOP<br/>In stock: 10740 pcs</div><div>RFQ</div></div>      | <div><div><b>LTC3789EGN#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BUCK-BOOST 28SSOP<br/>In stock: 9242 pcs</div><div>RFQ</div></div> |
| <div><div><b>LTC3788IUH#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BOOST 32QFN<br/>In stock: 19822 pcs</div><div>RFQ</div></div>       | <div><div><b>LTC3789EUFDPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BUCK-BOOST 28QFN<br/>In stock: 17244 pcs</div><div>RFQ</div></div>   |
| <div><div><b>LTC3789IUFDPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BUCK-BOOST 28QFN<br/>In stock: 15621 pcs</div><div>RFQ</div></div>    | <div><div><b>LTC3788IUH#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BOOST 32QFN<br/>In stock: 11752 pcs</div><div>RFQ</div></div>        |

