



ADI (Analog Devices, Inc.)

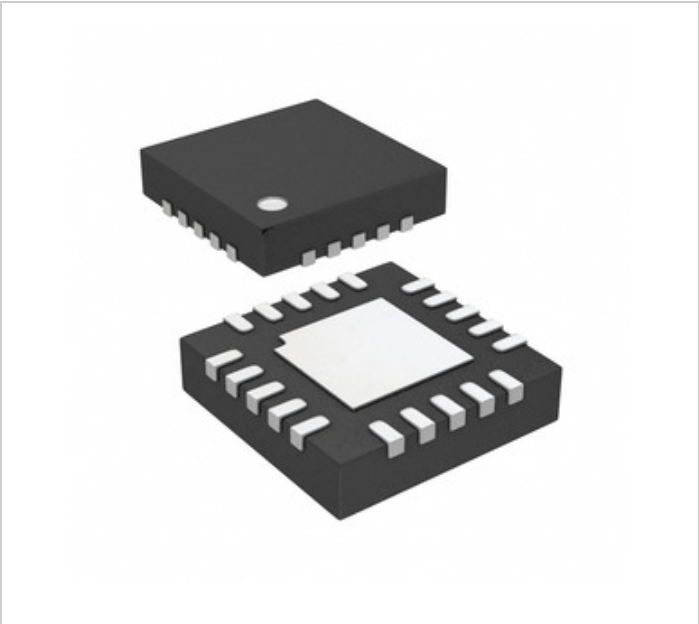


Image may be representation. See specifications for product details.

LT3587EUD#PBF

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | LT3587EUD#PBF                                                                                                |
| Manufacturer/Brand: | ADI (Analog Devices, Inc.)                                                                                   |
| Product description | IC REG BOOST CUK INV ADJ 20QFN                                                                               |
| Datasheets:         |  LT3587EUD#PBF.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

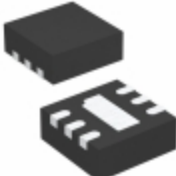
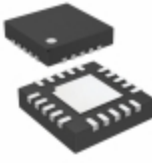
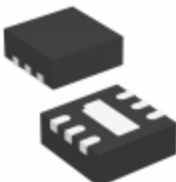
Specifications of LT3587EUD#PBF

|                                  |                                                                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LT3587EUD#PBF                                                                                                                                                     |
| MANUFACTURER                     | ADI (Analog Devices, Inc.)                                                                                                                                        |
| DESCRIPTION                      | IC REG BOOST CUK INV ADJ 20QFN                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                        |
| DATA SHEET                       |  LT3587EUD#PBF.pdf                                                             |
| VOLTAGE - OUTPUT (MIN/FIXED)     | ±2.5V                                                                                                                                                             |
| VOLTAGE - OUTPUT (MAX)           | ±32V                                                                                                                                                              |
| VOLTAGE - INPUT (MIN)            | 2.5V                                                                                                                                                              |
| VOLTAGE - INPUT (MAX)            | 6V                                                                                                                                                                |
| TOPOLOGY                         | Boost, Cuk                                                                                                                                                        |
| SYNCHRONOUS RECTIFIER            | No                                                                                                                                                                |
| SUPPLIER DEVICE PACKAGE          | 20-QFN (3x3)                                                                                                                                                      |
| SERIES                           | -                                                                                                                                                                 |
| PACKAGING                        | Tube                                                                                                                                                              |
| PACKAGE / CASE                   | 20-WFQFN Exposed Pad                                                                                                                                              |
| OUTPUT TYPE                      | Adjustable                                                                                                                                                        |
| OUTPUT CONFIGURATION             | Positive and Negative (Dual Rail)                                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TJ)                                                                                                                                                |
| NUMBER OF OUTPUTS                | 3                                                                                                                                                                 |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                     |
| MANUFACTURER STANDARD LEAD TIME  | 12 Weeks                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                        |
| FUNCTION                         | Step-Up, Step-Up/Step-Down                                                                                                                                        |
| FREQUENCY - SWITCHING            | 1MHz                                                                                                                                                              |
| DETAILED DESCRIPTION             | Boost, Cuk Switching Regulator IC Positive and Negative (Dual Rail) Adjustable ±2.5V 3 Output 800mA (Switch), 900mA (Switch), 400mA (Switch) 20-WFQFN Exposed Pad |
| CURRENT - OUTPUT                 | 800mA (Switch), 900mA (Switch), 400mA (Switch)                                                                                                                    |
| BASE PART NUMBER                 | LT3587                                                                                                                                                            |

Related Tags

|                                          |                                     |                                              |
|------------------------------------------|-------------------------------------|----------------------------------------------|
| ADI (Analog Devices, Inc.) LT3587EUD#PBF | LT3587EUD#PBF Distributor           | LT3587EUD#PBF Supplier                       |
| LT3587EUD#PBF Price                      | LT3587EUD#PBF Pictures              | LT3587EUD#PBF Image                          |
| LT3587EUD#PBF PDF Datasheet              | LT3587EUD#PBF Download Datasheet    | LT3587EUD#PBF Datasheet                      |
| LT3587EUD#PBF Stock                      | Buy LT3587EUD#PBF                   | Buy ADI (Analog Devices, Inc.) LT3587EUD#PBF |
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| ADI (Analog Devices, Inc.) LT3587EUD#PBF | AD LT3587EUD#PBF                    | ADI (Analog Devices, Inc.) LT3587EUD#PBF     |
| Analog Devices Inc. LT3587EUD#PBF        | Analog Devices, Inc. LT3587EUD#PBF  |                                              |

Related Products

|                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div>LT3587EUD</div><div>Manufacturers: ADI (Analog Devices, Inc.)</div><div>Description: IC REGULATOR</div><div>In stock: Out stock</div><div>RFQ</div></div>                           | <div><div>LT3585EDDB-1#TRPBF</div><div>Manufacturers: ADI (Analog Devices, Inc.)</div><div>Description: IC CHARGER PHOTOFLASH 10-DFN</div><div>In stock: Out stock</div><div>RFQ</div></div>   |
| <div><div>LT3585EDDB-2#TRPBF</div><div>Manufacturers: ADI (Analog Devices, Inc.)</div><div>Description: IC CHARGER PHOTOFLASH 10-DFN</div><div>In stock: Out stock</div><div>RFQ</div></div>  | <div><div>LT3590EDC#TRPBF</div><div>Manufacturers: ADI (Analog Devices, Inc.)</div><div>Description: IC LED DRVR RGLTR DIM 80MA 6DFN</div><div>In stock: Out stock</div><div>RFQ</div></div>   |
| <div><div>LT3585EDDB-3#TRPBF</div><div>Manufacturers: ADI (Analog Devices, Inc.)</div><div>Description: IC CHARGER PHOTOFLASH 10-DFN</div><div>In stock: Out stock</div><div>RFQ</div></div>  | <div><div>LT3585EDDB-3#TRMPBF</div><div>Manufacturers: ADI (Analog Devices, Inc.)</div><div>Description: PHOTOFLASH CAPACITOR CHARGERS</div><div>In stock: Out stock</div><div>RFQ</div></div> |
| <div><div>LT3590ESC8</div><div>Manufacturers: ADI (Analog Devices, Inc.)</div><div>Description: IC REGULATOR</div><div>In stock: Out stock</div><div>RFQ</div></div>                          | <div><div>LT3585EDDB-2#TRMPBF</div><div>Manufacturers: ADI (Analog Devices, Inc.)</div><div>Description: IC CHARGER PHOTOFLASH 10DFN</div><div>In stock: Out stock</div><div>RFQ</div></div>   |
| <div><div>LT3587EUD#TRPBF</div><div>Manufacturers: ADI (Analog Devices, Inc.)</div><div>Description: IC REG BOOST CUK INV ADJ 20QFN</div><div>In stock: Out stock</div><div>RFQ</div></div>   | <div><div>LT3590EDC#TRMPBF</div><div>Manufacturers: ADI (Analog Devices, Inc.)</div><div>Description: IC LED DRVR RGLTR DIM 80MA 6DFN</div><div>In stock: Out stock</div><div>RFQ</div></div>  |
| <div><div>LT3590ESC8#TRMPBF</div><div>Manufacturers: ADI (Analog Devices, Inc.)</div><div>Description: IC LED DRIVER RGLTR DIM SC70-8</div><div>In stock: Out stock</div><div>RFQ</div></div> | <div><div>LT3590ESC8#TRPBF</div><div>Manufacturers: ADI (Analog Devices, Inc.)</div><div>Description: IC LED DRIVER RGLTR DIM SC70-8</div><div>In stock: Out stock</div><div>RFQ</div></div>   |