



ADI (Analog Devices, Inc.)

### LTC3830ES8#PBF

|                      |                                    |
|----------------------|------------------------------------|
| Part Number:         | LTC3830ES8#PBF                     |
| Manufacturer/Brand:  | ADI (Analog Devices, Inc.)         |
| Product description: | IC REG CTRLR BUCK 8SOIC            |
| Datasheets:          | <a href="#">LTC3830ES8#PBF.pdf</a> |
| RoHS Status:         | Lead free / RoHS Compliant         |
| Stock Condition:     | 14512 pcs stock                    |
| Ship From:           | Hong Kong                          |
| Shipment Way:        | DHL/Fedex/TNT/UPS/EMS              |

**REQUEST FOR QUOTATION**

Image may be representation. See specifications for product details.

#### Specifications of LTC3830ES8#PBF

|                                  |   |
|----------------------------------|---|
| PART NUMBER                      | LTC3830ES8#PBF  |
| MANUFACTURER                     | ADI (Analog Devices, Inc.)  |
| DESCRIPTION                      | IC REG CTRLR BUCK 8SOIC   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant  |
| QUANTITY AVAILABLE               | 14512 pcs   |
| DATA SHEET                       | <a href="#">LTC3830ES8#PBF.pdf</a>                                  |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 8 V   |
| TOPOLOGY                         | Buck  |
| SYNCHRONOUS RECTIFIER            | Yes   |
| SUPPLIER DEVICE PACKAGE          | 8-SOIC  |
| SERIES                           | -   |
| SERIAL INTERFACES                | -   |
| PACKAGING                        | Tube  |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width)                                       |
| OUTPUT TYPE                      | Transistor Driver   |
| OUTPUT PHASES                    | 1   |
| OUTPUT CONFIGURATION             | Positive  |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)   |
| NUMBER OF OUTPUTS                | 1   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant  |
| FUNCTION                         | Step-Down   |
| FREQUENCY - SWITCHING            | 200kHz  |
| DUTY CYCLE (MAX)                 | 95%   |
| DETAILED DESCRIPTION             | Buck Regulator Positive Output Step-Down DC-DC Controller IC 8-SOIC |
| CONTROL FEATURES                 | Current Limit, Enable, Frequency Control, Soft Start                |
| CLOCK SYNC                       | No  |
| BASE PART NUMBER                 | LTC3830   |

#### Related Tags

|   |                                     |   |
|---|-------------------------------------|---|
| ADI (Analog Devices, Inc.) LTC3830ES8#PBF | LTC3830ES8#PBF Distributor          | LTC3830ES8#PBF Supplier                       |
| LTC3830ES8#PBF Price                      | LTC3830ES8#PBF Pictures             | LTC3830ES8#PBF Image                          |
| LTC3830ES8#PBF PDF Datasheet              | LTC3830ES8#PBF Download Datasheet   | LTC3830ES8#PBF Datasheet                      |
| LTC3830ES8#PBF Stock                      | Buy LTC3830ES8#PBF                  | Buy ADI (Analog Devices, Inc.) LTC3830ES8#PBF |
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| ADI (Analog Devices, Inc.) LTC3830ES8#PBF | AD LTC3830ES8#PBF                   | ADI (Analog Devices, Inc.) LTC3830ES8#PBF     |
| Analog Devices Inc. LTC3830ES8#PBF        | Analog Devices, Inc. LTC3830ES8#PBF |   |

#### Related Products

|   |   |
|---|---|
| <p><b>LTC3830ES8</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BUCK 8SOIC<br/>In stock: 7764 pcs</p> <p><b>RFQ</b></p>                | <p><b>LTC3830ES#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BUCK 16SOIC<br/>In stock: 11446 pcs</p> <p><b>RFQ</b></p>             |
| <p><b>LTC3831EGN#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC SW REG CONTRLLR SYNC 16-SSOP<br/>In stock: 14760 pcs</p> <p><b>RFQ</b></p>   | <p><b>LTC3831EGN-1#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC CTRLR SW REG SYNC DDR 16SSOP<br/>In stock: 25233 pcs</p> <p><b>RFQ</b></p> |
| <p><b>LTC3830EGN#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BUCK 16SSOP<br/>In stock: 11432 pcs</p> <p><b>RFQ</b></p>          | <p><b>LTC3830ES#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BUCK 16SOIC<br/>In stock: 25934 pcs</p> <p><b>RFQ</b></p>           |
| <p><b>LTC3830ES8#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BUCK 8SOIC<br/>In stock: 27625 pcs</p> <p><b>RFQ</b></p>         | <p><b>LTC3831EGN-1#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC CTRLR SW REG SYNC DDR 16SSOP<br/>In stock: 23437 pcs</p> <p><b>RFQ</b></p>   |
| <p><b>LTC3831EGN#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC SW REG CONTRLLR SYNC 16-SSOP<br/>In stock: 29764 pcs</p> <p><b>RFQ</b></p> | <p><b>LTC3830EGN#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BUCK 16SSOP<br/>In stock: 22101 pcs</p> <p><b>RFQ</b></p>          |
| <p><b>LTC3830ES</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BUCK 16SOIC<br/>In stock: 7077 pcs</p> <p><b>RFQ</b></p>                | <p><b>LTC3831IGN#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC SW REG CONTRLLR SYNC 16-SSOP<br/>In stock: 21519 pcs</p> <p><b>RFQ</b></p>     |

