



LTC3830ES

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | LTC3830ES                                                                                                            |
| Manufacturer/Brand: | ADI (Analog Devices, Inc.)                                                                                           |
| Product description | IC REG CTRLR BUCK 16SOIC                                                                                             |
| Datasheets:         |  LTC3830ES.pdf                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 7077 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

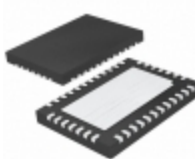
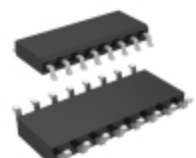
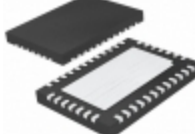
Specifications of LTC3830ES

|                                  |                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LTC3830ES                                                                                         |
| MANUFACTURER                     | ADI (Analog Devices, Inc.)                                                                        |
| DESCRIPTION                      | IC REG CTRLR BUCK 16SOIC                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                |
| QUANTITY AVAILABLE               | 7077 pcs                                                                                          |
| DATA SHEET                       |  LTC3830ES.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 8 V                                                                                         |
| TOPOLOGY                         | Buck                                                                                              |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                               |
| SUPPLIER DEVICE PACKAGE          | 16-SOIC                                                                                           |
| SERIES                           | -                                                                                                 |
| SERIAL INTERFACES                | -                                                                                                 |
| PACKAGING                        | Tube                                                                                              |
| PACKAGE / CASE                   | 16-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   | Contains lead / RoHS non-compliant                                                                |
| FUNCTION                         | Step-Down                                                                                         |
| FREQUENCY - SWITCHING            | 200kHz                                                                                            |
| DUTY CYCLE (MAX)                 | 95%                                                                                               |
| DETAILED DESCRIPTION             | Buck Regulator Positive Output Step-Down DC-DC Controller IC 16-SOIC                              |
| CONTROL FEATURES                 | Current Limit, Enable, Frequency Control, Soft Start                                              |
| CLOCK SYNC                       | No                                                                                                |
| BASE PART NUMBER                 | LTC3830                                                                                           |

Related Tags

|                                      |                                     |                                          |
|--------------------------------------|-------------------------------------|------------------------------------------|
| ADI (Analog Devices, Inc.) LTC3830ES | LTC3830ES Distributor               | LTC3830ES Supplier                       |
| LTC3830ES Price                      | LTC3830ES Pictures                  | LTC3830ES Image                          |
| LTC3830ES PDF Datasheet              | LTC3830ES Download Datasheet        | LTC3830ES Datasheet                      |
| LTC3830ES Stock                      | Buy LTC3830ES                       | Buy ADI (Analog Devices, Inc.) LTC3830ES |
| ADI (Analog Devices, Inc.) LTC3830ES | ADI (Analog Devices, Inc.) Supplier | ADI (Analog Devices, Inc.) Distributor   |
| ADI (Analog Devices, Inc.) LTC3830ES | AD LTC3830ES                        | ADI (Analog Devices, Inc.) LTC3830ES     |
| Analog Devices Inc. LTC3830ES        | Analog Devices, Inc. LTC3830ES      |                                          |

Related Products

|                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>LTC3830-1ES8#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BUCK 8SOIC<br/>In stock: 29579 pcs</div> <div>RFQ</div>     | <div></div> <div><b>LTC3830-1ES8#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BUCK 8SOIC<br/>In stock: 14841 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>LTC3830ES8</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BUCK 8SOIC<br/>In stock: 7764 pcs</div> <div>RFQ</div>              | <div></div> <div><b>LTC3830ES8#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BUCK 8SOIC<br/>In stock: 14512 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>LTC3831EGN#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC SW REG CONTRLLR SYNC 16-SSOP<br/>In stock: 14760 pcs</div> <div>RFQ</div> | <div></div> <div><b>LTC3829IUHF#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BUCK 38QFN<br/>In stock: 15824 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>LTC3830ES8#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BUCK 8SOIC<br/>In stock: 27625 pcs</div> <div>RFQ</div>       | <div></div> <div><b>LTC3830ES#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BUCK 16SOIC<br/>In stock: 25934 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>LTC3830ES#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BUCK 16SOIC<br/>In stock: 11446 pcs</div> <div>RFQ</div>         | <div></div> <div><b>LTC3830EGN#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BUCK 16SSOP<br/>In stock: 11432 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>LTC3830EGN#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BUCK 16SSOP<br/>In stock: 22101 pcs</div> <div>RFQ</div>      | <div></div> <div><b>LTC3829IUHF#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BUCK 38QFN<br/>In stock: 9408 pcs</div> <div>RFQ</div>    |