

LTC3830ES8#PBF





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Part Number: [LTC3830ES8#PBF](#)

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

Description: IC REG CTRLR BUCK 8SOIC

Data sheet:  [LTC3830\(-1\)](#)

RoHs Status: Lead free / RoHS Compliant

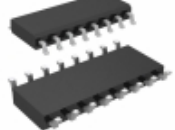
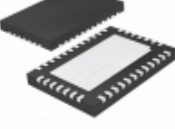
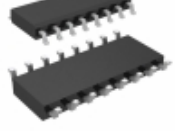
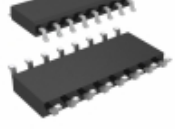
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                     |                                 |                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------|------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LTC3830ES8#PBF                                                      | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a>           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | IC REG CTRLR BUCK 8SOIC                                             | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 23722 pcs                                                           | Data sheet                      | <a href="#">LTC3830(-1)</a>                          |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Integrated Circuits (ICs)</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)                                                       | Manufacturer Standard Lead Time | 12 Weeks                                             |
| 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                                              |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all ADI (Analog Devices, Inc.) series electronic components. We have 23722 pieces of ADI (Analog Devices, Inc.) LTC3830ES8#PBF in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                     |                                 |                                                      |

| RELATED PRODUCTS                                                                   |                                                                                           |                                                           |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  | Part#: <a href="#">LTC3832-1ES8</a><br>Description: IC REG CTRLR BUCK/BOOST 8SOIC         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3829IUHF#PBF</a><br>Description: IC REG CTRLR BUCK 38QFN            | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3831EGN-1#TRPBF</a><br>Description: IC CTRLR SW REG SYNC DDR 16SSOP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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| Related keywords for LTC3830ES8#PBF       |                            |                                           |                                    |
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