

LTC3870EUF-1#TRPBF





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Part Number: [LTC3870EUF-1#TRPBF](#)

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

Description: IC REG CTRLR BUCK 24QFN

Data sheet:  [LTC3870\(E,I\)UF-1](#)

RoHs Status: Lead free / RoHS Compliant

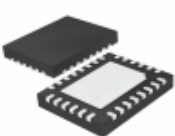
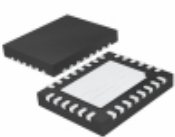
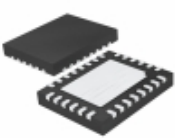
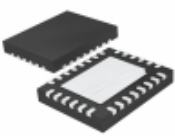
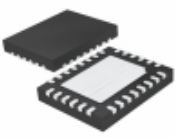
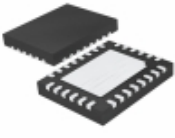
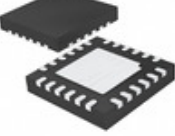
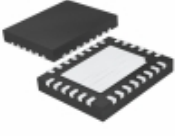
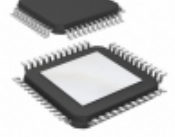
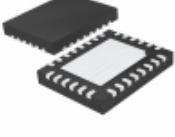
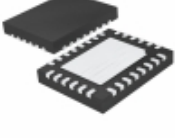
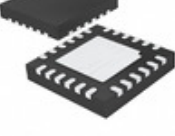
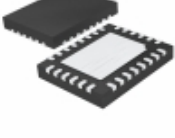
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                         |                                |                                                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|--------------------------------|---------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | LTC3870EUF-1#TRPBF                                      | Manufacturer                   | <a href="#">ADI (Analog Devices, Inc.)</a>                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | IC REG CTRLR BUCK 24QFN                                 | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 29790 pcs                                               | Data sheet                     | <a href="#">LTC3870(E,I)UF-1</a>                                          |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Integrated Circuits (ICs)</a>               | Voltage - Supply (Vcc/Vdd)     | 4.5 V ~ 60 V                                                              |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Buck                                                    | Synchronous Rectifier          | No                                                                        |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 24-QFN (4x4)                                            | Series                         | PolyPhase®                                                                |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                                       | Packaging                      | Tape & Reel (TR)                                                          |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 24-WFQFN Exposed Pad                                    | Output Type                    | PWM Signal                                                                |
| Output Phases                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2                                                       | 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-Down                                               | Frequency - Switching          | 500kHz                                                                    |
| Duty Cycle (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                                       | Detailed Description           | Buck Regulator Positive Output Step-Down DC-DC Controller IC 24-QFN (4x4) |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Current Limit, Enable, Frequency Control, Phase Control | Clock Sync                     | Yes                                                                       |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LTC3870                                                 |                                |                                                                           |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                                           |     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------|-----|
|  | Part#: <a href="#">LTC3870IUFDPBF</a><br>Description: IC REG CTRLR BUCK 28QFN          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3870EUFDPTRPBF</a><br>Description: IC REG CTRLR BUCK 28QFN       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3869IUFDPTRPBF</a><br>Description: IC REG CTRLR BUCK 28QFN       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3869IUFDPB</a><br>Description: IC REG CTRLR BUCK 28QFN           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
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|  | Part#: <a href="#">LTC3869IGN-2#TRPBF</a><br>Description: IC REG CTRLR BUCK 28SSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3871ELXE#PBF</a><br>Description: IC REG CTRLR BCK/BST SYN 48LQFP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3869EUFDPB</a><br>Description: IC REG CTRLR BUCK 28QFN           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3870IUF-1#PBF</a><br>Description: IC REG CTRLR BUCK 24QFN        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3869EUFDPTRPBF</a><br>Description: IC REG CTRLR BUCK 28QFN       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
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|  | Part#: <a href="#">LTC3871ELXE</a><br>Description: IC POWER MANAGEMENT                 | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3870IUFDPTRPBF</a><br>Description: IC REG CTRLR BUCK 28QFN       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
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|  | Part#: <a href="#">LTC3869IGN-2#PBF</a><br>Description: IC REG CTRLR BUCK 28SSOP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3870EUFDPB</a><br>Description: IC REG CTRLR BUCK 28QFN           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
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Related keywords for LTC3870EUF-1#TRPBF

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