

LTC3863EMSE#TRPBF





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Part Number: [LTC3863EMSE#TRPBF](#)

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

Description: IC REG CTRLR BUCK 12MSOP

Data sheet:  [LTC3863](#)

RoHs Status: Lead free / RoHS Compliant

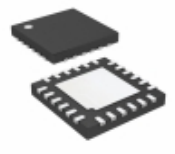
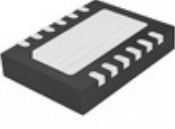
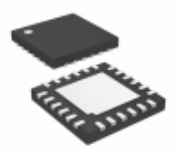
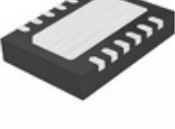
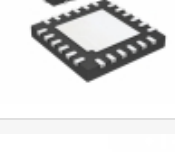
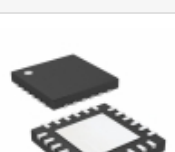
Ship From: Hong Kong

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

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                      |                                  |                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                          | LTC3863EMSE#TRPBF                                    | Manufacturer                     | <a href="#">ADI (Analog Devices, Inc.)</a>                                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                          | IC REG CTRLR BUCK 12MSOP                             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                   | 32827 pcs                                            | Data sheet                       | <a href="#">LTC3863</a>                                                             |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Integrated Circuits (ICs)</a>            | Voltage - Supply (Vcc/Vdd)       | 3.5 V ~ 60 V                                                                        |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                             | Buck                                                 | Synchronous Rectifier            | No                                                                                  |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                              | 12-MSOP-EP                                           | Series                           | -                                                                                   |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                                    | Packaging                        | Tape & Reel (TR)                                                                    |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                       | 12-TSSOP (0.118", 3.00mm Width) Exposed Pad          | Output Type                      | Transistor Driver                                                                   |
| Output Phases                                                                                                                                                                                                                                                                                                                                                                                                                        | 1                                                    | Output Configuration             | Positive or Negative                                                                |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                          | LTC3863EMSE#TRPBF-ND<br>LTC3863EMSE#TRPBFTR          | Operating Temperature            | -40°C ~ 125°C (TJ)                                                                  |
| 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            | 50kHz ~ 850kHz                                                                      |
| Duty Cycle (Max)                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                                    | Detailed Description             | Buck Regulator Positive or Negative Output Step-Down DC-DC Controller IC 12-MSOP-EP |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                     | Current Limit, Enable, Frequency Control, Soft Start | Clock Sync                       | No                                                                                  |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                     | LTC3863                                              |                                  |                                                                                     |
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| RELATED PRODUCTS                                                                   |                                                                                          |                                                           |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  | Part#: <a href="#">LTC3863EDE#PBF</a><br>Description: IC REG CTRLR BUCK 12DFN            | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3862IUH-2#TRPBF</a><br>Description: IC REG CTRLR BOOST/SEPIC 24QFN | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3863EDE#TRPBF</a><br>Description: IC REG CTRLR BUCK 12DFN          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3863IDE#PBF</a><br>Description: IC REG CTRLR BUCK 12DFN            | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3863HMSE#PBF</a><br>Description: IC REG CTRLR BUCK 12MSOP          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3863MPDE#PBF</a><br>Description: IC REG CTRLR BUCK 12DFN           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3863IDE#TRPBF</a><br>Description: IC REG CTRLR BUCK 12DFN          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3862IUH-2#PBF</a><br>Description: IC REG CTRLR BOOST/SEPIC 24QFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3863IMSE#PBF</a><br>Description: IC REG CTRLR BUCK 12MSOP          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3863MPDE#TRPBF</a><br>Description: IC REG CTRLR BUCK 12DFN         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3863IMSE#TRPBF</a><br>Description: IC REG CTRLR BUCK 12MSOP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3863HMSE#TRPBF</a><br>Description: IC REG CTRLR BUCK 12MSOP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3862IUH-1#PBF</a><br>Description: IC REG CTRLR BOOST/SEPIC 24QFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3863HDE#TRPBF</a><br>Description: IC REG CTRLR BUCK 12DFN          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3862IUH-1</a><br>Description: IC POWER MANAGEMENT                  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3863HDE#PBF</a><br>Description: IC REG CTRLR BUCK 12DFN            | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3862IUH-2</a><br>Description: IC POWER MANAGEMENT                  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3862IUH#TRPBF</a><br>Description: IC REG CTRLR BOOST/SEPIC 24QFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3862IUH-1#TRPBF</a><br>Description: IC REG CTRLR BOOST/SEPIC 24QFN | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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Related keywords for LTC3863EMSE#TRPBF

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