

LT3757AIMSE#PBF





AHEAD OF WHAT'S POSSIBLE™

Part Number:

LT3757AIMSE#PBF

Manufacturer:

ADI (Analog Devices, Inc.)

Description:

IC REG CTRLR MULT TOP 10MSOP

Data sheet:

 Mac OS X Shortcuts

 LTspice Flyer

 LTspice IV Getting Started Guide

 LT3757(A) Datasheet

 LTPowerCAD II User Guide

 LTPowerCAD II Quick Start Guide

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

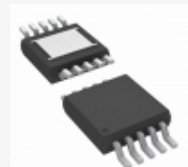
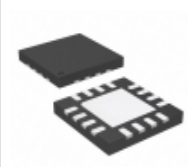
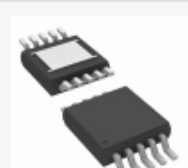
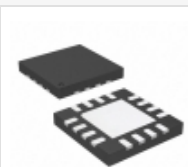
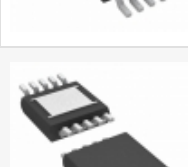
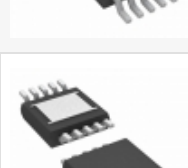
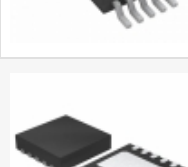
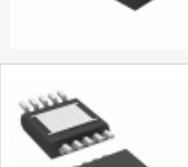
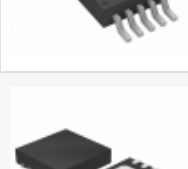
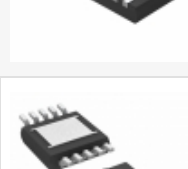
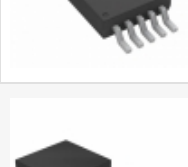
Shipment Way:

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Images are for reference only.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                        |                                 |                                                                                                                                                                                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | LT3757AIMSE#PBF                                                                                                        | Manufacturer                    | ADI (Analog Devices, Inc.)                                                                                                                                                                                                                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | IC REG CTRLR MULT TOP 10MSOP                                                                                           | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                                                                                                                                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 33686 pcs                                                                                                              | Data sheet                      | <a href="#">Mac OS X Shortcuts</a><br><a href="#">LTspice Flyer</a><br><a href="#">LTspice IV Getting Started Guide</a><br><a href="#">LT3757(A) Datasheet</a><br><a href="#">LTPowerCAD II User Guide</a><br><a href="#">LTPowerCAD II Quick Start Guide</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a>                                                                              | Voltage - Supply (Vcc/Vdd)      | <a href="#">Guide</a><br>2.9 V ~ 40 V                                                                                                                                                                                                                         |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Boost, Flyback, SEPIC                                                                                                  | Synchronous Rectifier           | No                                                                                                                                                                                                                                                            |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 10-MSOP-EP                                                                                                             | Series                          | -                                                                                                                                                                                                                                                             |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                                                                                                      | Packaging                       | Tube                                                                                                                                                                                                                                                          |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed Pad                                                                   | Output Type                     | Transistor Driver                                                                                                                                                                                                                                             |
| Output Phases                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1                                                                                                                      | Output Configuration            | Positive and Negative                                                                                                                                                                                                                                         |
| 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-Up, Step-Up/Step-Down                                                                                                                                                                                                                                    |
| Frequency - Switching                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 100kHz ~ 1MHz                                                                                                          | Duty Cycle (Max)                | -                                                                                                                                                                                                                                                             |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Boost, Flyback, SEPIC Regulator Positive and Negative Output Step-Up, Step-Up/Step-Down DC-DC Controller IC 10-MSOP-EP | Control Features                | Enable, Frequency Control, Soft Start                                                                                                                                                                                                                         |
| Clock Sync                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Yes                                                                                                                    | Base Part Number                | LT3757                                                                                                                                                                                                                                                        |
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| RELATED PRODUCTS                                                                   |                                                                                          |                                                           |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  | Part#: <a href="#">LT3757AEMSE#PBF</a><br>Description: IC REG CTRLR MULT TOP 10MSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3757AEMSE#TRPBF</a><br>Description: IC REG CTRLR MULT TOP 10MSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3756IUD-2#TRPBF</a><br>Description: IC LED DRIVER CTRLR DIM 16QFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3757HMSE#PBF</a><br>Description: IC REG CTRLR MULT TOP 10MSOP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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