

LTC3805MPMSE-5#TRPBF





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Part Number: [LTC3805MPMSE-5#TRPBF](#)

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](#)  
 [LTC3805-5 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

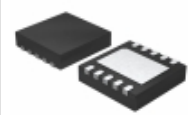
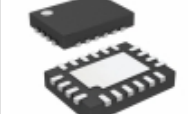
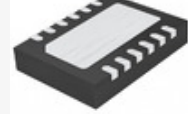
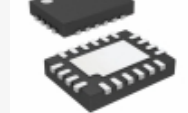
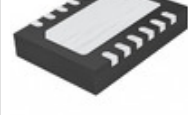
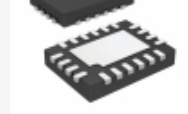
Ship From: Hong Kong

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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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | LTC3805MPMSE-5#TRPBF                                                                                           | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a>                                                                                                               |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC REG CTRLR MULT TOP 10MSOP                                                                                   | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 15332 pcs                                                                                                      | Data sheet                      | <a href="#">Mac OS X Shortcuts</a><br><a href="#">LTspice Flyer</a><br><a href="#">LTspice IV Getting Started</a><br><a href="#">LTC3805-5 Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a>                                                                      | Voltage - Supply (Vcc/Vdd)      | 3.95 V ~ 9.5 V                                                                                                                                           |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Boost, Flyback, SEPIC                                                                                          | Synchronous Rectifier           | No                                                                                                                                                       |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 10-MSOP-EP                                                                                                     | Series                          | -                                                                                                                                                        |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -                                                                                                              | Packaging                       | Tape & Reel (TR)                                                                                                                                         |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed Pad                                                           | Output Type                     | Transistor Driver                                                                                                                                        |
| Output Phases                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1                                                                                                              | Output Configuration            | Positive, Isolation Capable                                                                                                                              |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -55°C ~ 150°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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 70kHz ~ 700kHz                                                                                                 | Duty Cycle (Max)                | 80%                                                                                                                                                      |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Boost, Flyback, SEPIC Regulator Positive, Isolation Capable Output Step-Up, Step-Up/Step-Down DC-DC Controller | Control Features                | Enable, Soft Start                                                                                                                                       |
| Clock Sync                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Yes                                                                                                            | Base Part Number                | LTC3805                                                                                                                                                  |
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| RELATED PRODUCTS                                                                   |                                                                                            |                                                           |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  | Part#: <a href="#">LTC3805IDD#TRPBF</a><br>Description: IC REG CTRLR FLYBACK 10DFN         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3807EFE#TRPBF</a><br>Description: IC REG CTRLR BUCK 20TSSOP          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LTC3807EFE#PBF</a><br>Description: IC REG CTRLR BUCK 20TSSOP            | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3805IMSE#TRPBF</a><br>Description: IC REG CTRLR FLYBACK 10MSOP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3806EDE#PBF</a><br>Description: IC REG CTRLR FLYBACK 12DFN           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3807HFE#TRPBF</a><br>Description: IC REG CTRLR BUCK 20TSSOP          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3805IMSE#PBF</a><br>Description: IC REG CTRLR FLYBACK 10MSOP         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3807HFE#PBF</a><br>Description: IC REG CTRLR BUCK 20TSSOP            | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3807EUDC#TRPBF</a><br>Description: IC REG CTRLR BUCK 20QFN           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3805MPMSE-5#PBF</a><br>Description: IC REG CTRLR MULT TOP 10MSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3805IDD-5#PBF</a><br>Description: IC REG CTRLR MULT TOPOLOGY 10DFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3805IMSE-5#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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|  | Part#: <a href="#">LTC3806EDE#TRPBF</a><br>Description: IC REG CTRLR FLYBACK 12DFN         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3807HUCD#TRPBF</a><br>Description: IC REG CTRLR BUCK 20QFN           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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Related keywords for LTC3805MPMSE-5#TRPBF

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