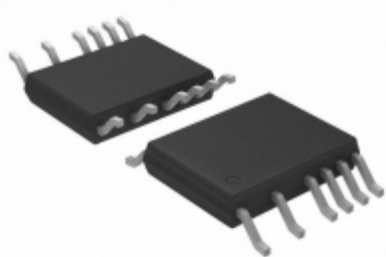


LT3748HMS#PBF



Images are for reference only.  
See Product Specifications for product details.  
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Part Number: [LT3748HMS#PBF](#)

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

Description: IC REG CTRLR FLYBACK 16MSOP

Data sheet:  [Mac OS X Shortcuts](#)  
 [LTspice Flyer](#)  
 [LTspice IV Getting Started Guide](#)  
 [LT3748 Datasheet](#)

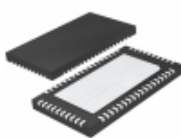
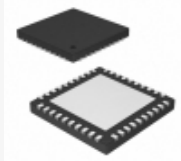
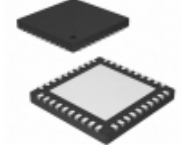
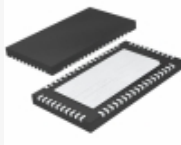
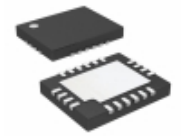
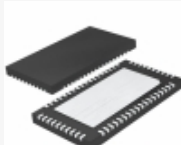
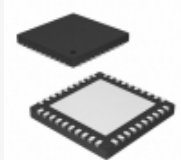
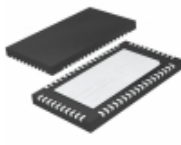
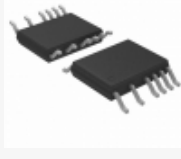
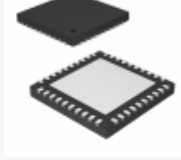
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                           |                                  |                                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LT3748HMS#PBF                             | Manufacturer                     | <a href="#">ADI (Analog Devices, Inc.)</a>                                                                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | IC REG CTRLR FLYBACK 16MSOP               | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 18382 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="#">LT3748 Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 5 V ~ 100 V                                                                                                                                                 |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Flyback                                   | Synchronous Rectifier            | No                                                                                                                                                          |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 16-MSOP                                   | Series                           | -                                                                                                                                                           |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -                                         | Packaging                        | Tube                                                                                                                                                        |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 16-TFSOP (0.118", 3.00mm Width), 12 Leads | Output Type                      | Transistor Driver                                                                                                                                           |
| Output Phases                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1                                         | Output Configuration             | Positive, Isolation Capable                                                                                                                                 |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LT3748HMS#PBF                             | Operating Temperature            | -40°C ~ 150°C (TJ)                                                                                                                                          |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1                                         | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                                                                                               |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 16 Weeks                                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                  |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Step-Up/Step-Down                         | Frequency - Switching            | -                                                                                                                                                           |
| Duty Cycle (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -                                         | Detailed Description             | Flyback Regulator Positive, Isolation Capable Output Step-Up/Step-Down DC-DC Controller IC 16-MSOP                                                          |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Enable, Soft Start                        | Clock Sync                       | No                                                                                                                                                          |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                | LT3748                                    |                                  |                                                                                                                                                             |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all ADI (Analog Devices, Inc.) series electronic components. We have 18382 pieces of ADI (Analog Devices, Inc.) LT3748HMS#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="#">LT3746EUHH#TRPBF</a><br>Description: IC LED DRVR CTRLR DIM 30MA 56QFN  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3745IUJ-1</a><br>Description: IC REGULATOR                           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3745IUJ-1#TRPBF</a><br>Description: IC LED DRVR CTRLR DIM 75MA 40QFN | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3746EUHH#PBF</a><br>Description: IC LED DRVR CTRLR DIM 30MA 56QFN    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3751EUFD#PBF</a><br>Description: IC CAPACITOR CHRG 20-QFN            | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3748EMS#TRPBF</a><br>Description: IC REG CTRLR FLYBACK 16MSOP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3750EMS#PBF</a><br>Description: IC FLYBACK FORW CONVERTER 10MSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3748HMS#TRPBF</a><br>Description: IC REG CTRLR FLYBACK 16MSOP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3751EFE#PBF</a><br>Description: IC CTRLR CAP CHRGR 20-TSSOP          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3746IUHH#TRPBF</a><br>Description: IC LED DRVR CTRLR DIM 30MA 56QFN  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3748MPMS#TRPBF</a><br>Description: IC REG CTRLR FLYBACK 16MSOP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3745IUJ#TRPBF</a><br>Description: IC LED DRVR CTRLR DIM 75MA 40QFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3746IUHH#PBF</a><br>Description: IC LED DRVR CTRLR DIM 30MA 56QFN    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3750EMS#TRPBF</a><br>Description: IC FLYBACK FORW CONVERTER 10MSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3748EMS#PBF</a><br>Description: IC REG CTRLR FLYBACK 16MSOP          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3748IMS#TRPBF</a><br>Description: IC REG CTRLR FLYBACK 16MSOP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3748IMS#PBF</a><br>Description: IC REG CTRLR FLYBACK 16MSOP          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3751EFE#TRPBF</a><br>Description: IC CTRLR CAP CHARGER 20-TSSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3748MPMS#PBF</a><br>Description: IC REG CTRLR FLYBACK 16MSOP         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3745IUJ-1#PBF</a><br>Description: IC LED DRVR CTRLR DIM 75MA 40QFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |

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