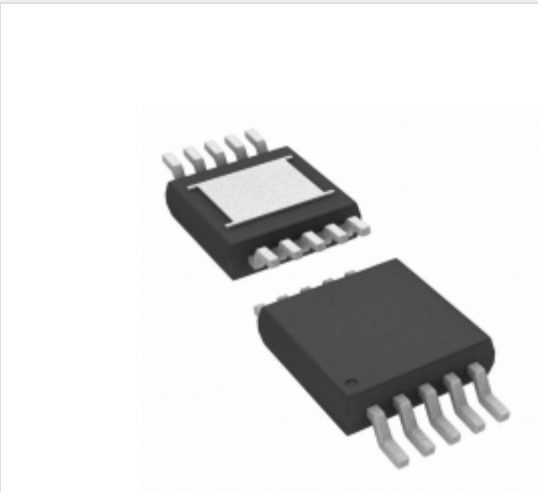


LT3680HMSE#PBF



Images are for reference only.  
See Product Specifications for product details.  
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Part Number: [LT3680HMSE#PBF](#)

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

Description: IC REG BUCK ADJ 3.5A 10MSOP

Data sheet:  [Mac OS X Shortcuts](#)  
 [LTspice Flyer](#)  
 [LTspice IV Getting Started Guide](#)  
 [LT3680 Datasheet](#)

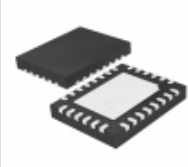
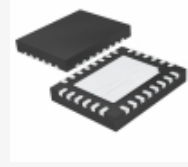
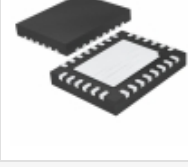
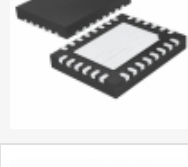
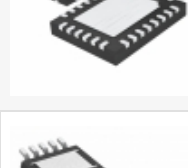
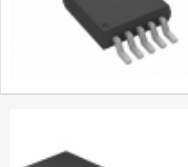
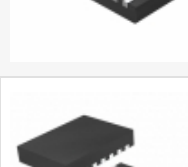
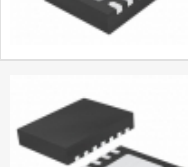
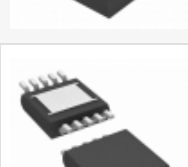
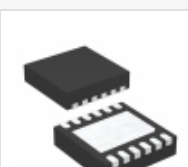
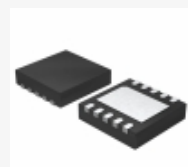
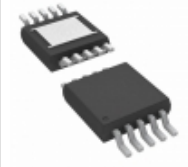
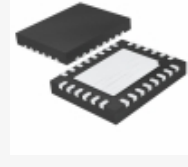
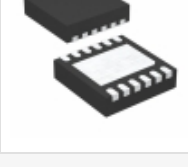
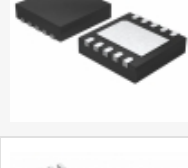
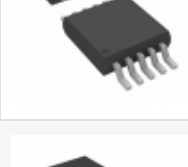
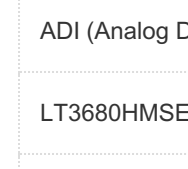
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                      |                                 |                                                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LT3680HMSE#PBF                                       | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a>                                                                               |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | IC REG BUCK ADJ 3.5A 10MSOP                          | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 14526 pcs                                            | Data sheet                      | <a href="#">Mac OS X Shortcuts</a>                                                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                      |                                 | <a href="#">LTspice Flyer</a>                                                                                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                      |                                 | <a href="#">LTspice IV Getting Started Guide</a>                                                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                      |                                 | <a href="#">LT3680 Datasheet</a>                                                                                         |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Integrated Circuits (ICs)</a>            | Voltage - Output (Min/Fixed)    | 0.79V                                                                                                                    |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 30V                                                  | Voltage - Input (Min)           | 3.6V                                                                                                                     |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 36V                                                  | Topology                        | Buck                                                                                                                     |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                                                                            | No                                                   | Supplier Device Package         | 10-MSOP-EP                                                                                                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -                                                    | Packaging                       | Tube                                                                                                                     |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed Pad | Output Type                     | Adjustable                                                                                                               |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Positive                                             | Operating Temperature           | -40°C ~ 150°C (TJ)                                                                                                       |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1                                                    | Mounting Type                   | Surface Mount                                                                                                            |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 230kHz ~ 2.45MHz                                     | Detailed Description            | Buck Switching Regulator IC Positive Adjustable 0.79V 1 Output 3.5A 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed Pad |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3.5A                                                 | Base Part Number                | LT3680                                                                                                                   |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all ADI (Analog Devices, Inc.) series electronic components. We have 14526 pieces of ADI (Analog Devices, Inc.) LT3680HMSE#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="#">LT3669IUFD#TRPBF</a><br>Description: IC IO-LINK TXRX BUCK/LDO 28QFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3669HUFD-2#TRPBF</a><br>Description: IC IO-LINK TXRX BUCK/LDO 28QFN | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3669IUFD#PBF</a><br>Description: IC IO-LINK TXRX BUCK/LDO 28QFN     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3669HUFD-2#PBF</a><br>Description: IC IO-LINK TXRX BUCK/LDO 28QFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3680EMSE#TRPBF</a><br>Description: IC REG BUCK ADJ 3.5A 10MSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3669IUFD-2#TRPBF</a><br>Description: IC IO-LINK TXRX BUCK/LDO 28QFN | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3680HMSE#TRPBF</a><br>Description: IC REG BUCK ADJ 3.5A 10MSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3680EDD#TRPBF</a><br>Description: IC REG BUCK ADJ 3.5A 10DFN        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3681EDE#PBF</a><br>Description: IC REG BUCK ADJ 2A 14DFN            | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3681EDE#TRPBF</a><br>Description: IC REG BUCK ADJ 2A 14DFN          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3680IMSE#PBF</a><br>Description: IC REG BUCK ADJ 3.5A 10MSOP        | Manufacturers: <a href="#">Linear Technology</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">LT3680IDD#TRPBF</a><br>Description: IC REG BUCK ADJ 3.5A 10DFN        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3682IDD#PBF</a><br>Description: IC REG BUCK ADJ 1A 12DFN            | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3680EDD#PBF</a><br>Description: IC REG BUCK ADJ 3.5A 10DFN          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3680EMSE#PBF</a><br>Description: IC REG BUCK ADJ 3.5A 10MSOP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3669IUFD-2#PBF</a><br>Description: IC IO-LINK TXRX BUCK/LDO 28QFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3682EDD#PBF</a><br>Description: IC REG BUCK ADJ 1A 12DFN            | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3680IDD#PBF</a><br>Description: IC REG BUCK ADJ 3.5A 10DFN          | Manufacturers: <a href="#">Linear Technology</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">LT3680IMSE#TRPBF</a><br>Description: IC REG BUCK ADJ 3.5A 10MSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3682EDD#TRPBF</a><br>Description: IC REG BUCK ADJ 1A 12DFN          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |

| Related keywords for LT3680HMSE#PBF       |                            |                                           |                                    |
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| LT3680HMSE#PBF download datasheet         | LT3680HMSE#PBF datasheet   | LT3680HMSE#PBF stock                      | buy LT3680HMSE#PBF                 |
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| Analog Devices, Inc. LT3680HMSE#PBF       |                            |                                           |                                    |