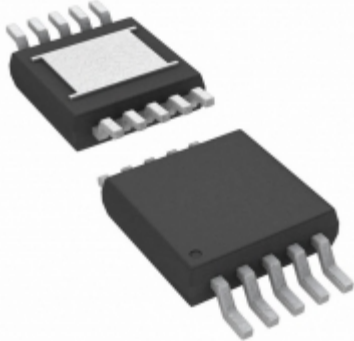


LT8609IMSE#TRPBF



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Part Number:

LT8609IMSE#TRPBF

Manufacturer:

ADI (Analog Devices, Inc.)

Description:

IC REG BUCK ADJ 2A SYNC 10MSOP

Data sheet:

 [LT8609 Brief](#)

 [Mac OS X Shortcuts](#)

 [LTspice Flyer](#)

 [LTspice IV Getting Started Guide](#)

 [LT8609\(A, B\) Datasheet](#)

 [LTpowerCAD II User Guide](#)

 [LTpowerCAD II Quick Start Guide](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

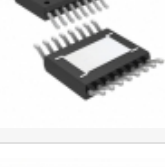
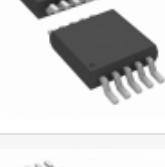
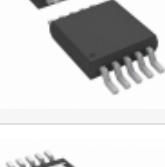
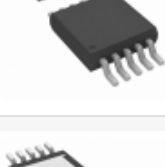
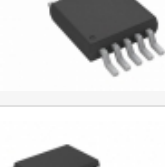
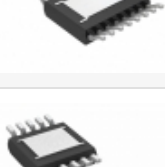
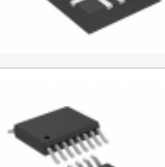
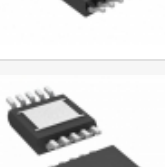
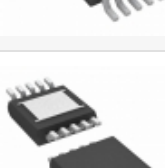
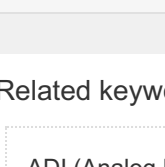
Hong Kong

Shipment Way:

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                         |                                  |                                                                                                                                                                                                                                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                         | LT8609IMSE#TRPBF                                                                                                        | Manufacturer                     | ADI (Analog Devices, Inc.)                                                                                                                                                                                                                                                                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                         | IC REG BUCK ADJ 2A SYNC 10MSOP                                                                                          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                  | 24829 pcs                                                                                                               | Data sheet                       | <a href="#">LT8609 Brief</a><br><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="#">LT8609(A, B) 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 - Output (Min/Fixed)     | Guide 0.782V                                                                                                                                                                                                                                                                                     |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                              | 42V                                                                                                                     | Voltage - Input (Min)            | 3V                                                                                                                                                                                                                                                                                               |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                               | 42V                                                                                                                     | Topology                         | Buck                                                                                                                                                                                                                                                                                             |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                               | Yes                                                                                                                     | Supplier Device Package          | 10-MSOP-EP                                                                                                                                                                                                                                                                                       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                                                                                                       | Packaging                        | Tape & Reel (TR)                                                                                                                                                                                                                                                                                 |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                      | 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed Pad                                                                    | Output Type                      | Adjustable                                                                                                                                                                                                                                                                                       |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                | Positive                                                                                                                | Other Names                      | LT8609IMSE#TRPBF-ND<br>LT8609IMSE#TRPBFTR                                                                                                                                                                                                                                                        |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                               | -40°C ~ 125°C (TJ)                                                                                                      | Number of Outputs                | 1                                                                                                                                                                                                                                                                                                |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                       | Surface Mount                                                                                                           | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                    |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                     | 16 Weeks                                                                                                                | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                       |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                            | Step-Down                                                                                                               | Frequency - Switching            | 200kHz ~ 2.2MHz                                                                                                                                                                                                                                                                                  |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                | Buck Switching Regulator IC Positive Adjustable 0.782V 1 Output 2A 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed Pad | Current - Output                 | 2A                                                                                                                                                                                                                                                                                               |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                    | LT8609                                                                                                                  |                                  |                                                                                                                                                                                                                                                                                                  |
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| RELATED PRODUCTS                                                                   |                                                                                                |                                                           |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  | Part#: <a href="#">LT8609BEMSE#TRPBF</a><br>Description: IC REG BUCK ADJ 2A SYNC 10MSOP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8610ABHMSE#TRPBF</a><br>Description: IC REG BCK 42V 3.5A SYNC 16MSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8609EMSE#PBF</a><br>Description: IC REG BUCK ADJ 2A SYNC 10MSOP           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8609BIMSE#PBF</a><br>Description: IC REG BUCK ADJ 2A 10MSOP               | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8610ABEMSE#PBF</a><br>Description: IC REG BUCK ADJ 3.5A SYNC 16MSOP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8610ABEMSE-3.3#PBF</a><br>Description: IC REG BCK 3.3V 3.5A SYNC 16MSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8609BIMSE#TRPBF</a><br>Description: IC REG BUCK ADJ 2A SYNC 10MSOP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8609AIMSE#TRPBF</a><br>Description: IC REG BUCK ADJ 2A SYNC 10MSOP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8609HMSE#TRPBF</a><br>Description: IC REG BUCK ADJ 2A SYNC 10MSOP         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8609BEMSE#PBF</a><br>Description: IC REG BUCK ADJ 2A 10MSOP               | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8610ABEMSE-5#TRPBF</a><br>Description: IC REG BUCK 5V 3.5A SYNC 16MSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8610ABEMSE-5#PBF</a><br>Description: IC REG BUCK 5V 3.5A SYNC 16MSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8609HMSE#PBF</a><br>Description: IC REG BUCK ADJ 2A SYNC 10MSOP           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8609SEV#PBF</a><br>Description: IC REG BUCK ADJ 42V 2A 16LQFN             | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8610ABEMSE-3.3#TRPBF</a><br>Description: IC REG BCK 3.3V 3.5A SYNC 16MSOP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8609IMSE#PBF</a><br>Description: IC REG BUCK ADJ 2A SYNC 10MSOP           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8609EMSE#TRPBF</a><br>Description: IC REG BUCK ADJ 2A SYNC 10MSOP         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8609SIV#PBF</a><br>Description: IC REG BUCK ADJ 42V 2A 16LQFN             | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8610ABHMSE#PBF</a><br>Description: IC REG BCK 42V 3.5A SYNC 16MSOP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8610ABEMSE#TRPBF</a><br>Description: IC REG BUCK ADJ 3.5A SYNC 16MSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |

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