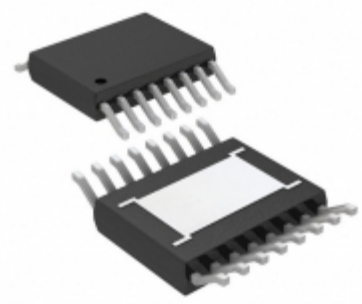


LT8610AIMSE#PBF



Images are for reference only.  
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Part Number:

LT8610AIMSE#PBF

Manufacturer:

ADI (Analog Devices, Inc.)

Description:

IC REG BUCK ADJ 3.5A SYNC 16MSOP

Data sheet:

 [Mac OS X Shortcuts](#)

 [LTspice Flyer](#)

 [LTspice IV Getting Started Guide](#)

 [LT8610A\(B\) Datasheet](#)

 [LTpowerCAD II User Guide](#)

 [LTpowerCAD II Quick Start Guide](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

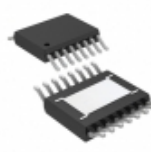
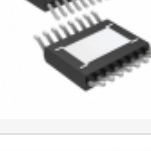
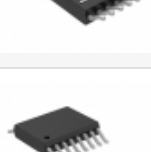
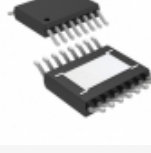
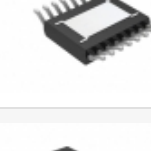
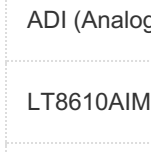
Hong Kong

Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                             |                                 |                                                                                                                                                                                                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | LT8610AIMSE#PBF                             | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a>                                                                                                                                                                                                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | IC REG BUCK ADJ 3.5A SYNC 16MSOP            | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                                                                                                                                                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 18476 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="#">LT8610A(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)    | 0.97V                                                                                                                                                                                                                                                          |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 42V                                         | Voltage - Input (Min)           | 3.4V                                                                                                                                                                                                                                                           |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 42V                                         | Topology                        | Buck                                                                                                                                                                                                                                                           |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Yes                                         | Supplier Device Package         | 16-MSOP-EP                                                                                                                                                                                                                                                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -                                           | Packaging                       | Tube                                                                                                                                                                                                                                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 16-TFSOP (0.118", 3.00mm Width) Exposed Pad | Output Type                     | Adjustable                                                                                                                                                                                                                                                     |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Positive                                    | 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 0.97V 1 Output 3.5A 16-TFSOP (0.118", 3.00mm Width) Exposed Pad                                                                                                                                                |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 3.5A                                        | Base Part Number                | LT8610                                                                                                                                                                                                                                                         |
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| RELATED PRODUCTS                                                                   |                                                                                               |                                                           |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  | Part#: <a href="#">LT8610EMSE#TRPBF</a><br>Description: IC REG BUCK ADJ 2.5A SYNC 16MSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8610AEMSE-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="#">LT8610AIMSE#TRPBF</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="#">LT8610AHMSE-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="#">LT8610AIMSE-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="#">LT8610AIMSE-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="#">LT8610AHMSE#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="#">LT8610AXMSE#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="#">LT8610AEMSE-3.3#PBF</a><br>Description: IC REG BUCK 3.3V 3.5A SYNC 16MSO   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8610AIMSE-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="#">LT8610EMSE#PBF</a><br>Description: IC REG BUCK ADJ 2.5A SYNC 16MSOP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8610AEMSE-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="#">LT8610AXMSE#TRPBF</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="#">LT8610HMSE#PBF</a><br>Description: IC REG BUCK ADJ 2.5A SYNC 16MSOP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8610AEMSE-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="#">LT8610AHMSE-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="#">LT8610AHMSE-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="#">LT8610AHMSE#TRPBF</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="#">LT8610AHMSE-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="#">LT8610AIMSE-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> |

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