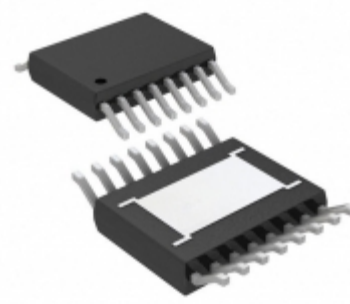


LT8610ACIMSE-1#TRPBF





AHEAD OF WHAT'S POSSIBLE™

Part Number: [LT8610ACIMSE-1#TRPBF](#)

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

Description: IC REG BUCK ADJ 3.5A SYNC 16MSOP

Data sheet:  [LT8610AC Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

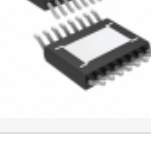
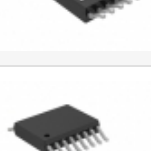
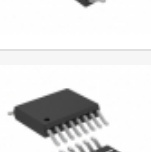
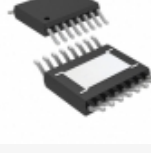
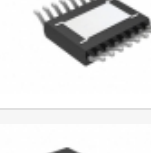
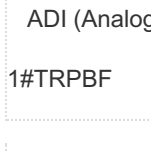
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                             |                                 |                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | LT8610ACIMSE-1#TRPBF                        | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 20873 pcs                                   | Data sheet                      | <a href="#">LT8610AC Datasheet</a>                                                                             |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a>   | Voltage - Output (Min/Fixed)    | 0.8V                                                                                                           |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 42V                                         | Voltage - Input (Min)           | 3V                                                                                                             |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 42V                                         | Topology                        | Buck                                                                                                           |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Yes                                         | Supplier Device Package         | 16-MSOP-EP                                                                                                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                           | Packaging                       | Tape & Reel (TR)                                                                                               |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1.5MHz ~ 2.2MHz                             | Detailed Description            | Buck Switching Regulator IC Positive Adjustable 0.8V 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                                                                   |                                                                                               |                                                           |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
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|  | 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="#">LT8610ACIMSE#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#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="#">LT8610ACIMSE#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="#">LT8610ACEMSE#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#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#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="#">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="#">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="#">LT8610AEMSE#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="#">LT8610ACHMSE-1#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="#">LT8610ACHMSE#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-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="#">LT8610ACEMSE-1#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="#">LT8610ACHMSE-1#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="#">LT8610ACHMSE#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="#">LT8610ACEMSE-1#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> |

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