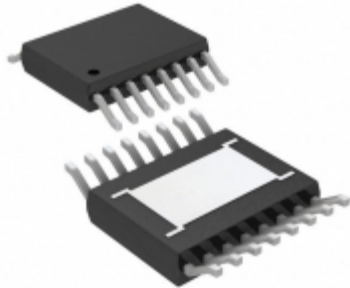


LT8610AXMSE#TRPBF





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Part Number: [LT8610AXMSE#TRPBF](#)

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

Description: IC REG BUCK ADJ 3.5A SYNC 16MSOP

Data sheet:  [LT8610AX](#)

RoHs Status: [Lead free / RoHS Compliant](#)

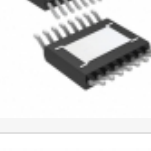
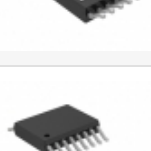
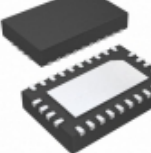
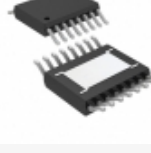
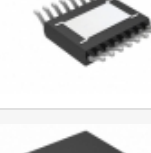
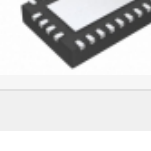
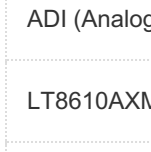
Ship From: [Hong Kong](#)

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Images are for reference only.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                     |                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | LT8610AXMSE#TRPBF                                                                                   | Manufacturer <a href="#">ADI (Analog Devices, Inc.)</a>                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | IC REG BUCK ADJ 3.5A SYNC 16MSOP                                                                    | Lead Free Status / RoHS Status <a href="#">Lead free / RoHS Compliant</a> |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 656 pcs                                                                                             | Data sheet <a href="#">LT8610AX</a>                                       |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a>                                                           | Voltage - Output (Min/Fixed) 0.97V                                        |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 39.7V                                                                                               | Voltage - Input (Min) 3.7V                                                |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 42V                                                                                                 | Topology Buck                                                             |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Yes                                                                                                 | Supplier Device Package 16-MSOP                                           |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -                                                                                                   | Packaging Tape & Reel (TR)                                                |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 16-TFSOP (0.118", 3.00mm Width)                                                                     | Output Type Adjustable                                                    |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Positive                                                                                            | Operating Temperature -40°C ~ 175°C (TJ)                                  |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1                                                                                                   | Mounting Type Surface Mount                                               |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1 (Unlimited)                                                                                       | Lead Free Status / RoHS Status <a href="#">Lead free / RoHS Compliant</a> |
| 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) |                                                                           |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | LT8610                                                                                              |                                                                           |
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| RELATED PRODUCTS                                                                   |                                                                                               |                                                                             |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
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|  | Part#: <a href="#">LT8611IUDD</a><br>Description: IC REG BUCK                                 | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a><br><div>RFQ</div> |
|  | Part#: <a href="#">LT8610HMSE#TRPBF</a><br>Description: IC REG BUCK ADJ 2.5A SYNC 16MSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a><br><div>RFQ</div> |
|  | Part#: <a href="#">LT8610AIMSE#PBF</a><br>Description: IC REG BUCK ADJ 3.5A SYNC 16MSOP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a><br><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><br><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><br><div>RFQ</div> |
|  | Part#: <a href="#">LT8610IMSE#PBF</a><br>Description: IC REG BUCK ADJ 2.5A SYNC 16MSOP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a><br><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><br><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><br><div>RFQ</div> |
|  | Part#: <a href="#">LT8611EUDD</a><br>Description: IC REG BUCK                                 | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a><br><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><br><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><br><div>RFQ</div> |
|  | Part#: <a href="#">LT8610EMSE#TRPBF</a><br>Description: IC REG BUCK ADJ 2.5A SYNC 16MSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a><br><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><br><div>RFQ</div> |
|  | Part#: <a href="#">LT8611EUDD#PBF</a><br>Description: IC REG BUCK ADJ 2.5A SYNC 24QFN         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a><br><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><br><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><br><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><br><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><br><div>RFQ</div> |
|  | Part#: <a href="#">LT8611EUDD#TRPBF</a><br>Description: IC REG BUCK ADJ 2.5A SYNC 24QFN       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a><br><div>RFQ</div> |

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