

ANALOG DEVICES  
AHEAD OF WHAT'S POSSIBLE™

ADI (Analog Devices, Inc.)



Image may be representation. See specifications for product details.

LT8610AIMSE-3.3#TRPBF

Part Number:

Manufacturer/Brand:

Product description

Datasheets:

RoHs Status

Stock Condition

Ship From

Shipment Way

LT8610AIMSE-3.3#TRPBF

ADI (Analog Devices, Inc.)

IC REG BCK 3.3V 3.5A SYNC 16MSOP

 1.LT8610AIMSE-3.3#TRPBF.pdf

 2.LT8610AIMSE-3.3#TRPBF.pdf

 3.LT8610AIMSE-3.3#TRPBF.pdf

 4.LT8610AIMSE-3.3#TRPBF.pdf

 5.LT8610AIMSE-3.3#TRPBF.pdf

 6.LT8610AIMSE-3.3#TRPBF.pdf

 Lead free / RoHS Compliant

20921 pcs stock

Hong Kong

DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of LT8610AIMSE-3.3#TRPBF

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LT8610AIMSE-3.3#TRPBF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| MANUFACTURER                     | ADI (Analog Devices, Inc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| DESCRIPTION                      | IC REG BCK 3.3V 3.5A SYNC 16MSOP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| QUANTITY AVAILABLE               | 20921 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| DATA SHEET                       | <div> 1.LT8610AIMSE-3.3#TRPBF.pdf</div> <div> 2.LT8610AIMSE-3.3#TRPBF.pdf</div> <div> 3.LT8610AIMSE-3.3#TRPBF.pdf</div> <div> 4.LT8610AIMSE-3.3#TRPBF.pdf</div> <div> 5.LT8610AIMSE-3.3#TRPBF.pdf</div> <div> 6.LT8610AIMSE-3.3#TRPBF.pdf</div> |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 3.3V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| VOLTAGE - INPUT (MIN)            | 3.4V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 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                      | Fixed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| OUTPUT CONFIGURATION             | Positive                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TJ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| NUMBER OF OUTPUTS                | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| FUNCTION                         | Step-Down                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| FREQUENCY - SWITCHING            | 200kHz ~ 2.2MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| DETAILED DESCRIPTION             | Buck Switching Regulator IC Positive Fixed 3.3V 1 Output 3.5A 16-TFSOP (0.118", 3.00mm Width) Exposed Pad                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| CURRENT - OUTPUT                 | 3.5A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| BASE PART NUMBER                 | LT8610                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

Related Tags

|                                                  |                                            |                                                      |
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| LT8610AIMSE-3.3#TRPBF Price                      | LT8610AIMSE-3.3#TRPBF Pictures             | LT8610AIMSE-3.3#TRPBF Image                          |
| LT8610AIMSE-3.3#TRPBF PDF Datasheet              | LT8610AIMSE-3.3#TRPBF Download Datasheet   | LT8610AIMSE-3.3#TRPBF Datasheet                      |
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Related Products

|                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div>LT8610AIMSE-3.3#PBF</div> <div>Manufacturers: ADI (Analog Devices, Inc.)</div> <div>Description: IC REG BCK 3.3V 3.5A SYNC 16MSOP</div> <div>In stock: 10218 pcs</div> <div>RFQ</div>   | <div></div> <div>LT8610AHMSE-5#TRPBF</div> <div>Manufacturers: ADI (Analog Devices, Inc.)</div> <div>Description: IC REG BUCK 5V 3.5A SYNC 16MSOP</div> <div>In stock: 19292 pcs</div> <div>RFQ</div> |
| <div></div> <div>LT8610AXMSE#PBF</div> <div>Manufacturers: ADI (Analog Devices, Inc.)</div> <div>Description: IC REG BUCK ADJ 3.5A SYNC 16MSOP</div> <div>In stock: 534 pcs</div> <div>RFQ</div>         | <div></div> <div>LT8610AIMSE#PBF</div> <div>Manufacturers: ADI (Analog Devices, Inc.)</div> <div>Description: IC REG BUCK ADJ 3.5A SYNC 16MSOP</div> <div>In stock: 11865 pcs</div> <div>RFQ</div>    |
| <div></div> <div>LT8610AXMSE#TRPBF</div> <div>Manufacturers: ADI (Analog Devices, Inc.)</div> <div>Description: IC REG BUCK ADJ 3.5A SYNC 16MSOP</div> <div>In stock: 653 pcs</div> <div>RFQ</div>       | <div></div> <div>LT8610AHMSE-5#PBF</div> <div>Manufacturers: ADI (Analog Devices, Inc.)</div> <div>Description: IC REG BUCK 5V 3.5A SYNC 16MSOP</div> <div>In stock: 10720 pcs</div> <div>RFQ</div>   |
| <div></div> <div>LT8610EMSE#PBF</div> <div>Manufacturers: ADI (Analog Devices, Inc.)</div> <div>Description: IC REG BUCK ADJ 2.5A SYNC 16MSOP</div> <div>In stock: 12690 pcs</div> <div>RFQ</div>        | <div></div> <div>LT8610AIMSE-5#PBF</div> <div>Manufacturers: ADI (Analog Devices, Inc.)</div> <div>Description: IC REG BUCK 5V 3.5A SYNC 16MSOP</div> <div>In stock: 9334 pcs</div> <div>RFQ</div>    |
| <div></div> <div>LT8610AIMSE-5#TRPBF</div> <div>Manufacturers: ADI (Analog Devices, Inc.)</div> <div>Description: IC REG BUCK 5V 3.5A SYNC 16MSOP</div> <div>In stock: 19679 pcs</div> <div>RFQ</div>    | <div></div> <div>LT8610EMSE#TRPBF</div> <div>Manufacturers: ADI (Analog Devices, Inc.)</div> <div>Description: IC REG BUCK ADJ 2.5A SYNC 16MSOP</div> <div>In stock: 11994 pcs</div> <div>RFQ</div>   |
| <div></div> <div>LT8610AHMSE-3.3#TRPBF</div> <div>Manufacturers: ADI (Analog Devices, Inc.)</div> <div>Description: IC REG BCK 3.3V 3.5A SYNC 16MSOP</div> <div>In stock: 15295 pcs</div> <div>RFQ</div> | <div></div> <div>LT8610AIMSE#TRPBF</div> <div>Manufacturers: ADI (Analog Devices, Inc.)</div> <div>Description: IC REG BUCK ADJ 3.5A SYNC 16MSOP</div> <div>In stock: 16825 pcs</div> <div>RFQ</div>  |

