



ADI (Analog Devices, Inc.)



Image may be representation. See specifications for product details.

LT8610AIMSE#TRPBF

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | LT8610AIMSE#TRPBF                                                                                            |
| Manufacturer/Brand: | ADI (Analog Devices, Inc.)                                                                                   |
| Product description | IC REG BUCK ADJ 3.5A SYNC 16MSOP                                                                             |
|                     | <a href="#">1.LT8610AIMSE#TRPBF.pdf</a>                                                                      |
|                     | <a href="#">2.LT8610AIMSE#TRPBF.pdf</a>                                                                      |
|                     | <a href="#">3.LT8610AIMSE#TRPBF.pdf</a>                                                                      |
|                     | <a href="#">4.LT8610AIMSE#TRPBF.pdf</a>                                                                      |
|                     | <a href="#">5.LT8610AIMSE#TRPBF.pdf</a>                                                                      |
|                     | <a href="#">6.LT8610AIMSE#TRPBF.pdf</a>                                                                      |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of LT8610AIMSE#TRPBF

|                                  |                                                                                                                                                                                                                                                                |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LT8610AIMSE#TRPBF                                                                                                                                                                                                                                              |
| MANUFACTURER                     | ADI (Analog Devices, Inc.)                                                                                                                                                                                                                                     |
| DESCRIPTION                      | IC REG BUCK ADJ 3.5A SYNC 16MSOP                                                                                                                                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                     |
| DATA SHEET                       | <a href="#">1.LT8610AIMSE#TRPBF.pdf</a><br><a href="#">2.LT8610AIMSE#TRPBF.pdf</a><br><a href="#">3.LT8610AIMSE#TRPBF.pdf</a><br><a href="#">4.LT8610AIMSE#TRPBF.pdf</a><br><a href="#">5.LT8610AIMSE#TRPBF.pdf</a><br><a href="#">6.LT8610AIMSE#TRPBF.pdf</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                        | 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            | 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                                                                                                                                                                                                                                                         |

Related Tags

|                                              |                                        |                                                  |
|----------------------------------------------|----------------------------------------|--------------------------------------------------|
| ADI (Analog Devices, Inc.) LT8610AIMSE#TRPBF | LT8610AIMSE#TRPBF Distributor          | LT8610AIMSE#TRPBF Supplier                       |
| LT8610AIMSE#TRPBF Price                      | LT8610AIMSE#TRPBF Pictures             | LT8610AIMSE#TRPBF Image                          |
| LT8610AIMSE#TRPBF PDF Datasheet              | LT8610AIMSE#TRPBF Download Datasheet   | LT8610AIMSE#TRPBF Datasheet                      |
| LT8610AIMSE#TRPBF Stock                      | Buy LT8610AIMSE#TRPBF                  | Buy ADI (Analog Devices, Inc.) LT8610AIMSE#TRPBF |
| ADI (Analog Devices, Inc.) LT8610AIMSE#TRPBF | ADI (Analog Devices, Inc.) Supplier    | ADI (Analog Devices, Inc.) Distributor           |
| ADI (Analog Devices, Inc.) LT8610AIMSE#TRPBF | AD LT8610AIMSE#TRPBF                   | ADI (Analog Devices, Inc.) LT8610AIMSE#TRPBF     |
| Analog Devices Inc. LT8610AIMSE#TRPBF        | Analog Devices, Inc. LT8610AIMSE#TRPBF |                                                  |

Related Products

|                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>LT8610AIMSE-3.3#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BCK 3.3V 3.5A SYNC 16MSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>LT8610AHMSE-3.3#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BCK 3.3V 3.5A SYNC 16MSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>LT8610AHMSE-5#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK 5V 3.5A SYNC 16MSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>    | <div></div> <div><b>LT8610AIMSE-5#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK 5V 3.5A SYNC 16MSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
| <div></div> <div><b>LT8610AIMSE-3.3#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BCK 3.3V 3.5A SYNC 16MSOP<br/>In stock: 20 pcs<br/><div>RFQ</div></div>      | <div></div> <div><b>LT8610AXMSE#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK ADJ 3.5A SYNC 16MSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>     |
| <div></div> <div><b>LT8610AXMSE#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK ADJ 3.5A SYNC 16MSOP<br/>In stock: 194 pcs<br/><div>RFQ</div></div>         | <div></div> <div><b>LT8610AHMSE-3.3#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BCK 3.3V 3.5A SYNC 16MSOP<br/>In stock: 235 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>LT8610AIMSE#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK ADJ 3.5A SYNC 16MSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>       | <div></div> <div><b>LT8610AHMSE-5#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK 5V 3.5A SYNC 16MSOP<br/>In stock: 37 pcs<br/><div>RFQ</div></div>         |
| <div></div> <div><b>LT8610AHMSE#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK ADJ 3.5A SYNC 16MSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>     | <div></div> <div><b>LT8610AIMSE-5#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK 5V 3.5A SYNC 16MSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>      |

