



ADI (Analog Devices, Inc.)



Image may be representation. See specifications for product details.

Part Number:LT8610ACIMSE-1#PBF

Manufacturer/Brand:ADI (Analog Devices, Inc.)

Product description:IC REG BUCK ADJ 3.5A SYNC 16MSOP

Datasheets: LT8610ACIMSE-1#PBF.pdf

RoHs Status: Lead free / RoHS Compliant

Stock Condition:11474 pcs stock

Ship From:Hong Kong

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

REQUEST FOR QUOTATION

Specifications of LT8610ACIMSE-1#PBF

|                                  |                                                                                                                |
|----------------------------------|----------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LT8610ACIMSE-1#PBF                                                                                             |
| MANUFACTURER                     | ADI (Analog Devices, Inc.)                                                                                     |
| DESCRIPTION                      | IC REG BUCK ADJ 3.5A SYNC 16MSOP                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                     |
| QUANTITY AVAILABLE               | 11474 pcs                                                                                                      |
| DATA SHEET                       |  LT8610ACIMSE-1#PBF.pdf     |
| 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                        | 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)                                                                                                  |
| 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                                                                                                         |

Related Tags

|                                               |                                         |                                                   |
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| ADI (Analog Devices, Inc.) LT8610ACIMSE-1#PBF | LT8610ACIMSE-1#PBF Distributor          | LT8610ACIMSE-1#PBF Supplier                       |
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| Analog Devices Inc. LT8610ACIMSE-1#PBF        | Analog Devices, Inc. LT8610ACIMSE-1#PBF |                                                   |

Related Products

|                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><div>LT8610AEMSE#PBF</div><div>Manufacturers: ADI (Analog Devices, Inc.)</div><div>Description: IC REG BUCK ADJ 3.5A SYNC 16MSOP</div><div>In stock: 12360 pcs</div><div>RFQ</div></div></div>       | <div><div><div>LT8610ACHMSE-1#PBF</div><div>Manufacturers: ADI (Analog Devices, Inc.)</div><div>Description: IC REG BUCK ADJ 3.5A SYNC 16MSOP</div><div>In stock: 8621 pcs</div><div>RFQ</div></div></div>   |
| <div><div><div>LT8610ACHMSE#PBF</div><div>Manufacturers: ADI (Analog Devices, Inc.)</div><div>Description: IC REG BUCK ADJ 3.5A SYNC 16MSOP</div><div>In stock: 9117 pcs</div><div>RFQ</div></div></div>       | <div><div><div>LT8610ACIMSE#PBF</div><div>Manufacturers: ADI (Analog Devices, Inc.)</div><div>Description: IC REG BUCK ADJ 3.5A SYNC 16MSOP</div><div>In stock: 10087 pcs</div><div>RFQ</div></div></div>    |
| <div><div><div>LT8610AEMSE-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: 20660 pcs</div><div>RFQ</div></div></div> | <div><div><div>LT8610AEMSE-3.3#PBF</div><div>Manufacturers: ADI (Analog Devices, Inc.)</div><div>Description: IC REG BUCK 3.3V 3.5A SYNC 16MSO</div><div>In stock: 11839 pcs</div><div>RFQ</div></div></div> |
| <div><div><div>LT8610ACIMSE-1#TRPBF</div><div>Manufacturers: ADI (Analog Devices, Inc.)</div><div>Description: IC REG BUCK ADJ 3.5A SYNC 16MSOP</div><div>In stock: 19219 pcs</div><div>RFQ</div></div></div>  | <div><div><div>LT8610AEMSE#TRPBF</div><div>Manufacturers: ADI (Analog Devices, Inc.)</div><div>Description: IC REG BUCK ADJ 3.5A SYNC 16MSOP</div><div>In stock: 18781 pcs</div><div>RFQ</div></div></div>   |
| <div><div><div>LT8610ACHMSE-1#TRPBF</div><div>Manufacturers: ADI (Analog Devices, Inc.)</div><div>Description: IC REG BUCK ADJ 3.5A SYNC 16MSOP</div><div>In stock: 16950 pcs</div><div>RFQ</div></div></div>  | <div><div><div>LT8610ACIMSE#TRPBF</div><div>Manufacturers: ADI (Analog Devices, Inc.)</div><div>Description: IC REG BUCK ADJ 3.5A SYNC 16MSOP</div><div>In stock: 18981 pcs</div><div>RFQ</div></div></div>  |
| <div><div><div>LT8610AEMSE-5#PBF</div><div>Manufacturers: ADI (Analog Devices, Inc.)</div><div>Description: IC REG BUCK 5V 3.5A SYNC 16MSOP</div><div>In stock: 12532 pcs</div><div>RFQ</div></div></div>      | <div><div><div>LT8610ACHMSE#TRPBF</div><div>Manufacturers: ADI (Analog Devices, Inc.)</div><div>Description: IC REG BUCK ADJ 3.5A SYNC 16MSOP</div><div>In stock: 15306 pcs</div><div>RFQ</div></div></div>  |