



ADI (Analog Devices, Inc.)



LT3972IMSE#TRPBF

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | LT3972IMSE#TRPBF                                                                                             |
| Manufacturer/Brand: | ADI (Analog Devices, Inc.)                                                                                   |
| Product description | IC REG BUCK ADJ 3.5A 10MSOP                                                                                  |
|                     | <a href="#">1.LT3972IMSE#TRPBF.pdf</a>                                                                       |
|                     | <a href="#">2.LT3972IMSE#TRPBF.pdf</a>                                                                       |
|                     | <a href="#">3.LT3972IMSE#TRPBF.pdf</a>                                                                       |
|                     | <a href="#">4.LT3972IMSE#TRPBF.pdf</a>                                                                       |
|                     | <a href="#">5.LT3972IMSE#TRPBF.pdf</a>                                                                       |
|                     | <a href="#">6.LT3972IMSE#TRPBF.pdf</a>                                                                       |
|                     |  Lead free / RoHS Compliant |
| RoHs Status         | Hong Kong                                                                                                    |
| Ship From           |                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

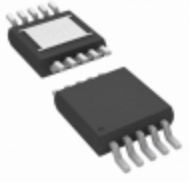
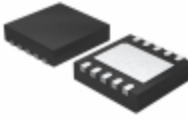
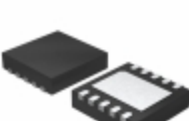
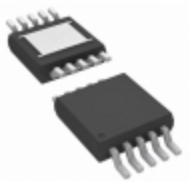
Specifications of LT3972IMSE#TRPBF

|                                  |                                                                                                                                                                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LT3972IMSE#TRPBF                                                                                                                                                                                                                                         |
| MANUFACTURER                     | ADI (Analog Devices, Inc.)                                                                                                                                                                                                                               |
| DESCRIPTION                      | IC REG BUCK ADJ 3.5A 10MSOP                                                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                               |
| DATA SHEET                       | <a href="#">1.LT3972IMSE#TRPBF.pdf</a><br><a href="#">2.LT3972IMSE#TRPBF.pdf</a><br><a href="#">3.LT3972IMSE#TRPBF.pdf</a><br><a href="#">4.LT3972IMSE#TRPBF.pdf</a><br><a href="#">5.LT3972IMSE#TRPBF.pdf</a><br><a href="#">6.LT3972IMSE#TRPBF.pdf</a> |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 0.79V                                                                                                                                                                                                                                                    |
| VOLTAGE - OUTPUT (MAX)           | 30V                                                                                                                                                                                                                                                      |
| VOLTAGE - INPUT (MIN)            | 3.6V                                                                                                                                                                                                                                                     |
| VOLTAGE - INPUT (MAX)            | 33V                                                                                                                                                                                                                                                      |
| TOPOLOGY                         | Buck                                                                                                                                                                                                                                                     |
| SYNCHRONOUS RECTIFIER            | No                                                                                                                                                                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 10-MSOP-EP                                                                                                                                                                                                                                               |
| SERIES                           | -                                                                                                                                                                                                                                                        |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                                         |
| PACKAGE / CASE                   | 10-TFSOP, 10-MSOP (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  | 12 Weeks                                                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                               |
| FUNCTION                         | Step-Down                                                                                                                                                                                                                                                |
| FREQUENCY - SWITCHING            | 230kHz ~ 2.45MHz                                                                                                                                                                                                                                         |
| DETAILED DESCRIPTION             | Buck Switching Regulator IC Positive Adjustable 0.79V 1 Output 3.5A 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed Pad                                                                                                                                 |
| CURRENT - OUTPUT                 | 3.5A                                                                                                                                                                                                                                                     |
| BASE PART NUMBER                 | LT3972                                                                                                                                                                                                                                                   |

Related Tags

|                                             |                                       |                                                 |
|---------------------------------------------|---------------------------------------|-------------------------------------------------|
| ADI (Analog Devices, Inc.) LT3972IMSE#TRPBF | LT3972IMSE#TRPBF Distributor          | LT3972IMSE#TRPBF Supplier                       |
| LT3972IMSE#TRPBF Price                      | LT3972IMSE#TRPBF Pictures             | LT3972IMSE#TRPBF Image                          |
| LT3972IMSE#TRPBF PDF Datasheet              | LT3972IMSE#TRPBF Download Datasheet   | LT3972IMSE#TRPBF Datasheet                      |
| LT3972IMSE#TRPBF Stock                      | Buy LT3972IMSE#TRPBF                  | Buy ADI (Analog Devices, Inc.) LT3972IMSE#TRPBF |
| ADI (Analog Devices, Inc.) LT3972IMSE#TRPBF | ADI (Analog Devices, Inc.) Supplier   | ADI (Analog Devices, Inc.) Distributor          |
| ADI (Analog Devices, Inc.) LT3972IMSE#TRPBF | AD LT3972IMSE#TRPBF                   | ADI (Analog Devices, Inc.) LT3972IMSE#TRPBF     |
| Analog Devices Inc. LT3972IMSE#TRPBF        | Analog Devices, Inc. LT3972IMSE#TRPBF |                                                 |

Related Products

|                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>LT3972IMSE#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK ADJ 3.5A 10MSOP<br/>In stock: 993 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>LT3973EDD-3.3#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK 3.3V 0.75A 10DFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>LT3973EDD#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK ADJ 0.75A 10DFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>LT3973EDD-3.3#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK 3.3V 0.75A 10DFN<br/>In stock: 446 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>LT3973EDD-5#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK 5V 0.75A 10DFN<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>LT3972IDD#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK ADJ 3.5A 10DFN<br/>In stock: Out stock<br/><div>RFQ</div></div>       |
| <div></div> <div><b>LT3973EDD#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK ADJ 0.75A 10DFN<br/>In stock: 450 pcs<br/><div>RFQ</div></div>      | <div></div> <div><b>LT3972HMSE#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK ADJ 3.5A 10MSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>     |
| <div></div> <div><b>LT3973EDD-5#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK 5V 0.75A 10DFN<br/>In stock: 507 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>LT3972EMSE#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK ADJ 3.5A 10MSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>     |
| <div></div> <div><b>LT3972HMSE#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK ADJ 3.5A 10MSOP<br/>In stock: 182 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>LT3972IDD#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK ADJ 3.5A 10DFN<br/>In stock: 307 pcs<br/><div>RFQ</div></div>           |

