



ADI (Analog Devices, Inc.)



Image may be representation. See specifications for product details.

LT3971IDD#PBF

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | LT3971IDD#PBF                                                                                                |
| Manufacturer/Brand: | ADI (Analog Devices, Inc.)                                                                                   |
| Product description | IC REG BUCK ADJ 1.2A 10DFN                                                                                   |
|                     |  1.LT3971IDD#PBF.pdf        |
|                     |  2.LT3971IDD#PBF.pdf        |
|                     |  3.LT3971IDD#PBF.pdf        |
|                     |  4.LT3971IDD#PBF.pdf        |
|                     |  5.LT3971IDD#PBF.pdf        |
|                     |  6.LT3971IDD#PBF.pdf        |
|                     |  Lead free / RoHS Compliant |
| RoHs Status         | 13880 pcs stock                                                                                              |
| Stock Condition     | Hong Kong                                                                                                    |
| Ship From           | DHL/Fedex/TNT/UPS/EMS                                                                                        |
| Shipment Way        |                                                                                                              |

REQUEST FOR QUOTATION

Specifications of LT3971IDD#PBF

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LT3971IDD#PBF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| MANUFACTURER                     | ADI (Analog Devices, Inc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| DESCRIPTION                      | IC REG BUCK ADJ 1.2A 10DFN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| QUANTITY AVAILABLE               | 13880 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| DATA SHEET                       |  1.LT3971IDD#PBF.pdf<br> 2.LT3971IDD#PBF.pdf<br> 3.LT3971IDD#PBF.pdf<br> 4.LT3971IDD#PBF.pdf<br> 5.LT3971IDD#PBF.pdf<br> 6.LT3971IDD#PBF.pdf |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 1.19V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| VOLTAGE - OUTPUT (MAX)           | 30V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| VOLTAGE - INPUT (MIN)            | 4.3V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| VOLTAGE - INPUT (MAX)            | 38V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| TOPOLOGY                         | Buck                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| SYNCHRONOUS RECTIFIER            | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 10-DFN (3x3)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| SERIES                           | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| PACKAGING                        | Tube                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| PACKAGE / CASE                   | 10-WFDFN 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            | 200kHz ~ 2MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| DETAILED DESCRIPTION             | Buck Switching Regulator IC Positive Adjustable 1.19V 1 Output 1.2A 10-WFDFN Exposed Pad                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| CURRENT - OUTPUT                 | 1.2A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| BASE PART NUMBER                 | LT3971                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

Related Tags

|                                          |                                     |                                              |
|------------------------------------------|-------------------------------------|----------------------------------------------|
| ADI (Analog Devices, Inc.) LT3971IDD#PBF | LT3971IDD#PBF Distributor           | LT3971IDD#PBF Supplier                       |
| LT3971IDD#PBF Price                      | LT3971IDD#PBF Pictures              | LT3971IDD#PBF Image                          |
| LT3971IDD#PBF PDF Datasheet              | LT3971IDD#PBF Download Datasheet    | LT3971IDD#PBF Datasheet                      |
| LT3971IDD#PBF Stock                      | Buy LT3971IDD#PBF                   | Buy ADI (Analog Devices, Inc.) LT3971IDD#PBF |
| ADI (Analog Devices, Inc.) LT3971IDD#PBF | ADI (Analog Devices, Inc.) Supplier | ADI (Analog Devices, Inc.) Distributor       |
| ADI (Analog Devices, Inc.) LT3971IDD#PBF | AD LT3971IDD#PBF                    | ADI (Analog Devices, Inc.) LT3971IDD#PBF     |
| Analog Devices Inc. LT3971IDD#PBF        | Analog Devices, Inc. LT3971IDD#PBF  |                                              |

Related Products

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|  <div><b>LT3971EMSE-3.3#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK 3.3V 1.2A 10-MSOP<br/>In stock: 25765 pcs<br/><b>RFQ</b></div> |  <div><b>LT3971IDD-5#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK 5V 1.2A 10DFN<br/>In stock: 15422 pcs<br/><b>RFQ</b></div>      |
|  <div><b>LT3971EMSE16#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK ADJ 1.2A 16MSOP<br/>In stock: 16243 pcs<br/><b>RFQ</b></div>       |  <div><b>LT3971IDD#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK ADJ 1.2A 10DFN<br/>In stock: 24930 pcs<br/><b>RFQ</b></div>     |
|  <div><b>LT3971IDD-5</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REGULATOR<br/>In stock: 6446 pcs<br/><b>RFQ</b></div>                            |  <div><b>LT3971IDD-3.3#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK 3.3V 1.2A 10DFN<br/>In stock: 21389 pcs<br/><b>RFQ</b></div>  |
|  <div><b>LT3971EMSE16#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK ADJ 1.2A 16MSOP<br/>In stock: 27210 pcs<br/><b>RFQ</b></div>     |  <div><b>LT3971IDD-3.3</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REGULATOR<br/>In stock: 3311 pcs<br/><b>RFQ</b></div>                      |
|  <div><b>LT3971EMSE-5#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK 5V 1.2A 10-MSOP<br/>In stock: 15678 pcs<br/><b>RFQ</b></div>       |  <div><b>LT3971IDD</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REGULATOR<br/>In stock: 6541 pcs<br/><b>RFQ</b></div>                          |
|  <div><b>LT3971IDD-3.3#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK 3.3V 1.2A 10DFN<br/>In stock: 24808 pcs<br/><b>RFQ</b></div>    |  <div><b>LT3971EMSE-5#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK 5V 1.2A 10-MSOP<br/>In stock: 28508 pcs<br/><b>RFQ</b></div> |

