



ADI (Analog Devices, Inc.)



Image may be representation. See specifications for product details.

LT3970IMS-5#TRPBF

|                     |                                                                                                                                                                                                                                                                                                       |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | LT3970IMS-5#TRPBF                                                                                                                                                                                                                                                                                     |
| Manufacturer/Brand: | ADI (Analog Devices, Inc.)                                                                                                                                                                                                                                                                            |
| Product description | IC REG BUCK 5V 535MA 10MSOP                                                                                                                                                                                                                                                                           |
| Datasheets:         | <div><div>PDF</div>1.LT3970IMS-5#TRPBF.pdf</div> <div><div>PDF</div>2.LT3970IMS-5#TRPBF.pdf</div> <div><div>PDF</div>3.LT3970IMS-5#TRPBF.pdf</div> <div><div>PDF</div>4.LT3970IMS-5#TRPBF.pdf</div> <div><div>PDF</div>5.LT3970IMS-5#TRPBF.pdf</div> <div><div>PDF</div>6.LT3970IMS-5#TRPBF.pdf</div> |
| RoHs Status         | <div><div>RoHS</div>Lead free / RoHS Compliant</div>                                                                                                                                                                                                                                                  |
| Stock Condition     | 27232 pcs stock                                                                                                                                                                                                                                                                                       |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                 |

REQUEST FOR QUOTATION

Specifications of LT3970IMS-5#TRPBF

|                                  |                                                                                                                                                                                                                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LT3970IMS-5#TRPBF                                                                                                                                                                                                                                                                                     |
| MANUFACTURER                     | ADI (Analog Devices, Inc.)                                                                                                                                                                                                                                                                            |
| DESCRIPTION                      | IC REG BUCK 5V 535MA 10MSOP                                                                                                                                                                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                            |
| QUANTITY AVAILABLE               | 27232 pcs                                                                                                                                                                                                                                                                                             |
| DATA SHEET                       | <div><div>PDF</div>1.LT3970IMS-5#TRPBF.pdf</div> <div><div>PDF</div>2.LT3970IMS-5#TRPBF.pdf</div> <div><div>PDF</div>3.LT3970IMS-5#TRPBF.pdf</div> <div><div>PDF</div>4.LT3970IMS-5#TRPBF.pdf</div> <div><div>PDF</div>5.LT3970IMS-5#TRPBF.pdf</div> <div><div>PDF</div>6.LT3970IMS-5#TRPBF.pdf</div> |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 5V                                                                                                                                                                                                                                                                                                    |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                                                                                                                                                                                                                     |
| VOLTAGE - INPUT (MIN)            | 4.2V                                                                                                                                                                                                                                                                                                  |
| VOLTAGE - INPUT (MAX)            | 40V                                                                                                                                                                                                                                                                                                   |
| TOPOLOGY                         | Buck                                                                                                                                                                                                                                                                                                  |
| SYNCHRONOUS RECTIFIER            | No                                                                                                                                                                                                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 10-MSOP                                                                                                                                                                                                                                                                                               |
| SERIES                           | -                                                                                                                                                                                                                                                                                                     |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                                                                                      |
| PACKAGE / CASE                   | 10-TFSOP, 10-MSOP (0.118", 3.00mm Width)                                                                                                                                                                                                                                                              |
| 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 ~ 2.25MHz                                                                                                                                                                                                                                                                                      |
| DETAILED DESCRIPTION             | Buck Switching Regulator IC Positive Fixed 5V 1 Output 535mA (Switch) 10-TFSOP, 10-MSOP (0.118", 3.00mm Width)                                                                                                                                                                                        |
| CURRENT - OUTPUT                 | 535mA (Switch)                                                                                                                                                                                                                                                                                        |
| BASE PART NUMBER                 | LT3970                                                                                                                                                                                                                                                                                                |

Related Tags

|                                              |                                        |                                                  |
|----------------------------------------------|----------------------------------------|--------------------------------------------------|
| ADI (Analog Devices, Inc.) LT3970IMS-5#TRPBF | LT3970IMS-5#TRPBF Distributor          | LT3970IMS-5#TRPBF Supplier                       |
| LT3970IMS-5#TRPBF Price                      | LT3970IMS-5#TRPBF Pictures             | LT3970IMS-5#TRPBF Image                          |
| LT3970IMS-5#TRPBF PDF Datasheet              | LT3970IMS-5#TRPBF Download Datasheet   | LT3970IMS-5#TRPBF Datasheet                      |
| LT3970IMS-5#TRPBF Stock                      | Buy LT3970IMS-5#TRPBF                  | Buy ADI (Analog Devices, Inc.) LT3970IMS-5#TRPBF |
| ADI (Analog Devices, Inc.) LT3970IMS-5#TRPBF | ADI (Analog Devices, Inc.) Supplier    | ADI (Analog Devices, Inc.) Distributor           |
| ADI (Analog Devices, Inc.) LT3970IMS-5#TRPBF | AD LT3970IMS-5#TRPBF                   | ADI (Analog Devices, Inc.) LT3970IMS-5#TRPBF     |
| Analog Devices Inc. LT3970IMS-5#TRPBF        | Analog Devices, Inc. LT3970IMS-5#TRPBF |                                                  |

Related Products

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| <div><div></div><div><b>LT3971EDD#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK ADJ 1.2A 10DFN<br/>In stock: 14826 pcs</div><div>RFQ</div></div>          | <div><div></div><div><b>LT3971AIMSE-5#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK 5V 1.2A 10-MSOP<br/>In stock: 24350 pcs</div><div>RFQ</div></div> |
| <div><div></div><div><b>LT3971AIMSE#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK ADJ 1.2A 10MSOP<br/>In stock: 25010 pcs</div><div>RFQ</div></div>     | <div><div></div><div><b>LT3971AIMSE-5#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK 5V 1.2A 10-MSOP<br/>In stock: 24062 pcs</div><div>RFQ</div></div>   |
| <div><div></div><div><b>LT3970IMS-3.3#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK 3.3V 535MA 10MSOP<br/>In stock: 15141 pcs</div><div>RFQ</div></div>   | <div><div></div><div><b>LT3970IDDB-5#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK 5V 535MA 10DFN<br/>In stock: 26023 pcs</div><div>RFQ</div></div>   |
| <div><div></div><div><b>LT3971EDD</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REGULATOR<br/>In stock: 6832 pcs</div><div>RFQ</div></div>                             | <div><div></div><div><b>LT3970IMS-5#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK 5V 535MA 10MSOP<br/>In stock: 27365 pcs</div><div>RFQ</div></div>     |
| <div><div></div><div><b>LT3970IMS#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK ADJ 535MA 10MSOP<br/>In stock: 27640 pcs</div><div>RFQ</div></div>      | <div><div></div><div><b>LT3970IMS#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK ADJ 535MA 10MSOP<br/>In stock: 14264 pcs</div><div>RFQ</div></div>      |
| <div><div></div><div><b>LT3970IMS-3.3#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK 3.3V 535MA 10MSOP<br/>In stock: 31112 pcs</div><div>RFQ</div></div> | <div><div></div><div><b>LT3971AIMSE#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK ADJ 1.2A 10MSOP<br/>In stock: 12308 pcs</div><div>RFQ</div></div>     |

