



LTC1624IS8#TRPBF

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | LTC1624IS8#TRPBF                                                                                             |
| Manufacturer/Brand: | ADI (Analog Devices, Inc.)                                                                                   |
| Product description | IC REG CTRLR BCK/BST/SEPIC 8SOIC                                                                             |
|                     |  1.LTC1624IS8#TRPBF.pdf     |
|                     |  2.LTC1624IS8#TRPBF.pdf     |
|                     |  3.LTC1624IS8#TRPBF.pdf     |
|                     |  4.LTC1624IS8#TRPBF.pdf     |
|                     |  Lead free / RoHS Compliant |
| RoHs Status         | 10233 pcs stock                                                                                              |
| Stock Condition     | Hong Kong                                                                                                    |
| Ship From           | DHL/Fedex/TNT/UPS/EMS                                                                                        |
| Shipment Way        |                                                                                                              |

REQUEST FOR QUOTATION

Specifications of LTC1624IS8#TRPBF

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LTC1624IS8#TRPBF                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| MANUFACTURER                     | ADI (Analog Devices, Inc.)                                                                                                                                                                                                                                                                                                                                                                                                                           |
| DESCRIPTION                      | IC REG CTRLR BCK/BST/SEPIC 8SOIC                                                                                                                                                                                                                                                                                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                           |
| QUANTITY AVAILABLE               | 10233 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| DATA SHEET                       |  1.LTC1624IS8#TRPBF.pdf<br> 2.LTC1624IS8#TRPBF.pdf<br> 3.LTC1624IS8#TRPBF.pdf<br> 4.LTC1624IS8#TRPBF.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3.5 V ~ 36 V                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| TOPOLOGY                         | Buck, Boost, SEPIC                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| SYNCHRONOUS RECTIFIER            | No                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 8-SOIC                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| SERIES                           | -                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| SERIAL INTERFACES                | -                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| PACKAGING                        | Cut Tape (CT)                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width)                                                                                                                                                                                                                                                                                                                                                                                                                        |
| OUTPUT TYPE                      | Transistor Driver                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| OUTPUT PHASES                    | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| OUTPUT CONFIGURATION             | Positive or Negative                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| OTHER NAMES                      | LTC1624IS8#TRPBFCT                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| NUMBER OF OUTPUTS                | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                           |
| FUNCTION                         | Step-Up, Step-Down, Step-Up/Step-Down                                                                                                                                                                                                                                                                                                                                                                                                                |
| FREQUENCY - SWITCHING            | 200kHz                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| DUTY CYCLE (MAX)                 | 95%                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| DETAILED DESCRIPTION             | Buck, Boost, SEPIC Regulator Positive or Negative Output Step-Up, Step-Down, Step-Up/Step-Down DC-DC Controller IC 8-SOIC                                                                                                                                                                                                                                                                                                                            |
| CONTROL FEATURES                 | Enable                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| CLOCK SYNC                       | No                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| BASE PART NUMBER                 | LTC1624                                                                                                                                                                                                                                                                                                                                                                                                                                              |

Related Tags

|                                             |                                       |                                                 |
|---------------------------------------------|---------------------------------------|-------------------------------------------------|
| ADI (Analog Devices, Inc.) LTC1624IS8#TRPBF | LTC1624IS8#TRPBF Distributor          | LTC1624IS8#TRPBF Supplier                       |
| LTC1624IS8#TRPBF Price                      | LTC1624IS8#TRPBF Pictures             | LTC1624IS8#TRPBF Image                          |
| LTC1624IS8#TRPBF PDF Datasheet              | LTC1624IS8#TRPBF Download Datasheet   | LTC1624IS8#TRPBF Datasheet                      |
| LTC1624IS8#TRPBF Stock                      | Buy LTC1624IS8#TRPBF                  | Buy ADI (Analog Devices, Inc.) LTC1624IS8#TRPBF |
| ADI (Analog Devices, Inc.) LTC1624IS8#TRPBF | ADI (Analog Devices, Inc.) Supplier   | ADI (Analog Devices, Inc.) Distributor          |
| ADI (Analog Devices, Inc.) LTC1624IS8#TRPBF | AD LTC1624IS8#TRPBF                   | ADI (Analog Devices, Inc.) LTC1624IS8#TRPBF     |
| Analog Devices Inc. LTC1624IS8#TRPBF        | Analog Devices, Inc. LTC1624IS8#TRPBF |                                                 |

Related Products

|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>LTC1623IS8#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC HI-SIDE SW CNTRLR DUAL 8-SOIC<br/>In stock: 39701 pcs<br/>RFQ</div>   |  <div><b>LTC1625CGN#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BUCK/BOOST 16SSOP<br/>In stock: 19670 pcs<br/>RFQ</div>   |
|  <div><b>LTC1624CS8#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BCK/BST/SEPIC 8SOIC<br/>In stock: 11701 pcs<br/>RFQ</div>   |  <div><b>LTC1624IS8#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BCK/BST/SEPIC 8SOIC<br/>In stock: 10458 pcs<br/>RFQ</div>   |
|  <div><b>LTC1623IS8#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC HI-SIDE SW CNTRLR DUAL 8-SOIC<br/>In stock: 39852 pcs<br/>RFQ</div> |  <div><b>LTC1625CGN#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BUCK/BOOST 16SSOP<br/>In stock: 9971 pcs<br/>RFQ</div>      |
|  <div><b>LTC1625IGN#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BUCK/BOOST 16SSOP<br/>In stock: 12735 pcs<br/>RFQ</div>   |  <div><b>LTC1624CS8#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BCK/BST/SEPIC 8SOIC<br/>In stock: 11653 pcs<br/>RFQ</div> |
|  <div><b>LTC1625CS#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BUCK/BOOST 16SOIC<br/>In stock: 10974 pcs<br/>RFQ</div>      |  <div><b>LTC1623CS8#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC HI-SIDE SW CNTRLR DUAL 8-SOIC<br/>In stock: 44455 pcs<br/>RFQ</div> |
|  <div><b>LTC1625IGN#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BUCK/BOOST 16SSOP<br/>In stock: 6880 pcs<br/>RFQ</div>      |  <div><b>LTC1625CS#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BUCK/BOOST 16SOIC<br/>In stock: 9726 pcs<br/>RFQ</div>     |

