

**ADI (Analog Devices, Inc.)**



### LTC3624IDD-2#PBF

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|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | LTC3624IDD-2#PBF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Manufacturer/Brand: | ADI (Analog Devices, Inc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Product description | IC REG BUCK ADJ 2A SYNC 8DFN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Datasheets:         | <div><div>1.LTC3624IDD-2#PBF.pdf</div><div>2.LTC3624IDD-2#PBF.pdf</div><div>3.LTC3624IDD-2#PBF.pdf</div><div>4.LTC3624IDD-2#PBF.pdf</div><div>5.LTC3624IDD-2#PBF.pdf</div><div>6.LTC3624IDD-2#PBF.pdf</div></div> |
| RoHs Status         | <div>Lead free / RoHS Compliant</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Stock Condition     | 12425 pcs stock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

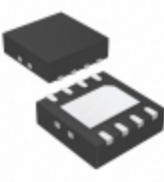
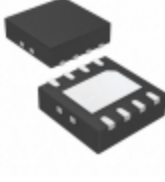
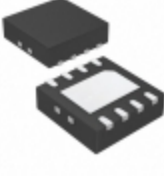
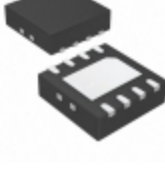
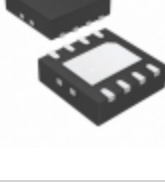
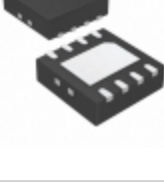
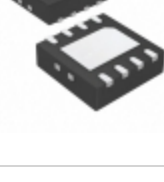
#### Specifications of LTC3624IDD-2#PBF

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LTC3624IDD-2#PBF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| MANUFACTURER                     | ADI (Analog Devices, Inc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| DESCRIPTION                      | IC REG BUCK ADJ 2A SYNC 8DFN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| QUANTITY AVAILABLE               | 12425 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| DATA SHEET                       | <div><div>1.LTC3624IDD-2#PBF.pdf</div><div>2.LTC3624IDD-2#PBF.pdf</div><div>3.LTC3624IDD-2#PBF.pdf</div><div>4.LTC3624IDD-2#PBF.pdf</div><div>5.LTC3624IDD-2#PBF.pdf</div><div>6.LTC3624IDD-2#PBF.pdf</div></div> |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 0.6V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| VOLTAGE - OUTPUT (MAX)           | 17V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| VOLTAGE - INPUT (MIN)            | 2.7V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| VOLTAGE - INPUT (MAX)            | 17V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| TOPOLOGY                         | Buck                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 8-DFN (3x3)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| SERIES                           | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| PACKAGING                        | Tube                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| PACKAGE / CASE                   | 8-WDFDN 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            | 2.25MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| DETAILED DESCRIPTION             | Buck Switching Regulator IC Positive Adjustable 0.6V 1 Output 2A 8-WDFDN Exposed Pad                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| CURRENT - OUTPUT                 | 2A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| BASE PART NUMBER                 | LTC3624                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

#### Related Tags

|                                             |                                       |                                                 |
|---------------------------------------------|---------------------------------------|-------------------------------------------------|
| ADI (Analog Devices, Inc.) LTC3624IDD-2#PBF | LTC3624IDD-2#PBF Distributor          | LTC3624IDD-2#PBF Supplier                       |
| LTC3624IDD-2#PBF Price                      | LTC3624IDD-2#PBF Pictures             | LTC3624IDD-2#PBF Image                          |
| LTC3624IDD-2#PBF PDF Datasheet              | LTC3624IDD-2#PBF Download Datasheet   | LTC3624IDD-2#PBF Datasheet                      |
| LTC3624IDD-2#PBF Stock                      | Buy LTC3624IDD-2#PBF                  | Buy ADI (Analog Devices, Inc.) LTC3624IDD-2#PBF |
| ADI (Analog Devices, Inc.) LTC3624IDD-2#PBF | ADI (Analog Devices, Inc.) Supplier   | ADI (Analog Devices, Inc.) Distributor          |
| ADI (Analog Devices, Inc.) LTC3624IDD-2#PBF | AD LTC3624IDD-2#PBF                   | ADI (Analog Devices, Inc.) LTC3624IDD-2#PBF     |
| Analog Devices Inc. LTC3624IDD-2#PBF        | Analog Devices, Inc. LTC3624IDD-2#PBF |                                                 |

#### Related Products

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| <div></div> <div><b>LTC3624HMSE-5#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK 5V 2A SYNC 12MSOP<br/>In stock: 11730 pcs<br/><div>RFQ</div></div>       | <div></div> <div><b>LTC3624IDD#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK ADJ 2A SYNC 8DFN<br/>In stock: 20093 pcs<br/><div>RFQ</div></div>       |
| <div></div> <div><b>LTC3624IDD-25#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK 5V 2A SYNC 8DFN<br/>In stock: 12746 pcs<br/><div>RFQ</div></div>         | <div></div> <div><b>LTC3624IDD#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK ADJ 2A SYNC 8DFN<br/>In stock: 13224 pcs<br/><div>RFQ</div></div>         |
| <div></div> <div><b>LTC3624IDD-2#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK ADJ 2A SYNC 8DFN<br/>In stock: 22127 pcs<br/><div>RFQ</div></div>       | <div></div> <div><b>LTC3624HMSE-5#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK 5V 2A SYNC 12MSOP<br/>In stock: 24681 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>LTC3624IDD-23.3#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK 3.3V 2A SYNC 8DFN<br/>In stock: 21756 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>LTC3624IDD-25#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK 5V 2A SYNC 8DFN<br/>In stock: 19863 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>LTC3624HMSE-3.3#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK 3.3V 2A SYNC 12MSOP<br/>In stock: 24889 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>LTC3624IDD-23.3#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK 3.3V 2A SYNC 8DFN<br/>In stock: 12029 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>LTC3624IDD-3.3#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK 3.3V 2A SYNC 8DFN<br/>In stock: 12862 pcs<br/><div>RFQ</div></div>      | <div></div> <div><b>LTC3624HMSE-3.3#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK 3.3V 2A SYNC 12MSOP<br/>In stock: 13378 pcs<br/><div>RFQ</div></div> |

