

Linear Technology

LTC3542IDC#TRMPBF

|                     |                                                                                                                         |
|---------------------|-------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | LTC3542IDC#TRMPBF                                                                                                       |
| Manufacturer/Brand: | Linear Technology                                                                                                       |
| Product description | IC REG BUCK ADJ 0.5A SYNC 6DFN                                                                                          |
| Datasheets:         |  <a href="#">LTC3542IDC#TRMPBF.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant            |
| Stock Condition     | 17352 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.

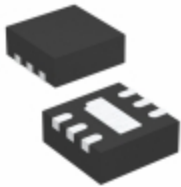
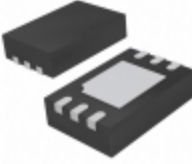
Specifications of LTC3542IDC#TRMPBF

|                                  |                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LTC3542IDC#TRMPBF                                                                                                         |
| MANUFACTURER                     | Linear Technology                                                                                                         |
| DESCRIPTION                      | IC REG BUCK ADJ 0.5A SYNC 6DFN                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                |
| QUANTITY AVAILABLE               | 17352 pcs                                                                                                                 |
| DATA SHEET                       |  <a href="#">LTC3542IDC#TRMPBF.pdf</a> |
| VOLTAGE - START UP               | Buck                                                                                                                      |
| VOLTAGE - OUTPUT (MAX)           | 0.6V                                                                                                                      |
| VOLTAGE - INPUT (MAX)            | 5.5V                                                                                                                      |
| VOLTAGE - DROPOUT (TYPICAL)      | 2.5V                                                                                                                      |
| VOLTAGE - BREAKDOWN              | 6-DFN (2x2)                                                                                                               |
| SERIES                           | -                                                                                                                         |
| ROHS STATUS                      | Digi-Reel®                                                                                                                |
| REGULATOR TOPOLOGY               | 500mA                                                                                                                     |
| POLARIZATION                     | 6-WFDFN Exposed Pad                                                                                                       |
| OUTPUT TYPE                      | Adjustable                                                                                                                |
| OUTPUT CONFIGURATION             | 1                                                                                                                         |
| OUTPUT                           | Step-Down                                                                                                                 |
| OTHER NAMES                      | LTC3542IDC#TRMPBFDKR                                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TJ)                                                                                                        |
| NUMBER OF DAC'S                  | 2.25MHz                                                                                                                   |
| NOISE - 0.1HZ TO 10HZ            | 5.5V                                                                                                                      |
| MOUNTING TYPE                    | Surface Mount                                                                                                             |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                             |
| MANUFACTURER PART NUMBER         | LTC3542IDC#TRMPBF                                                                                                         |
| EXPANDED DESCRIPTION             | Buck Switching Regulator IC Positive Adjustable 0.6V 1 Output 500mA 6-WFDFN Exposed Pad                                   |
| DESCRIPTION                      | IC REG BUCK ADJ 0.5A SYNC 6DFN                                                                                            |
| CONTACT RATING @ VOLTAGE         | Positive                                                                                                                  |
| CLOCK SYNC                       | Yes                                                                                                                       |

Related Tags

|                                 |                                      |                             |
|---------------------------------|--------------------------------------|-----------------------------|
| LTC3542IDC#TRMPBF               | LTC3542IDC#TRMPBF Distributor        | LTC3542IDC#TRMPBF Supplier  |
| LTC3542IDC#TRMPBF Price         | LTC3542IDC#TRMPBF Pictures           | LTC3542IDC#TRMPBF Image     |
| LTC3542IDC#TRMPBF PDF Datasheet | LTC3542IDC#TRMPBF Download Datasheet | LTC3542IDC#TRMPBF Datasheet |
| LTC3542IDC#TRMPBF Stock         | Buy LTC3542IDC#TRMPBF                | Buy LTC3542IDC#TRMPBF       |
| LTC3542IDC#TRMPBF               | Supplier                             | Distributor                 |

Related Products

|                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>LTC3542EDC#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK ADJ 0.5A SYNC 6DFN<br/>In stock: 46457 pcs</p> <p>RFQ</p>     |  <p><b>LTC3541EDD-3#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG DL BCK/LINEAR SYNC 10-DFN<br/>In stock: 38539 pcs</p> <p>RFQ</p>  |
|  <p><b>LTC3542EDC#TRMPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK ADJ 0.5A SYNC 6DFN<br/>In stock: 51533 pcs</p> <p>RFQ</p>    |  <p><b>LTC3543EDCB#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK ADJ 0.6A SYNC 6DFN<br/>In stock: 35753 pcs</p> <p>RFQ</p>   |
|  <p><b>LTC3542IS6#TRMPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK ADJ 0.5A SYNC TSOT23<br/>In stock: 20952 pcs</p> <p>RFQ</p>  |  <p><b>LTC3542ES6#TRMPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK ADJ 0.5A SYNC TSOT23<br/>In stock: 28370 pcs</p> <p>RFQ</p> |
|  <p><b>LTC3541EDD-3#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG DL BCK/LINEAR SYNC 10-DFN<br/>In stock: 45817 pcs</p> <p>RFQ</p> |  <p><b>LTC3544BEUD#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK ADJ QD SYNC 16QFN<br/>In stock: 16494 pcs</p> <p>RFQ</p>      |
|  <p><b>LTC3543EDCB#TRMPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK ADJ 0.6A SYNC 6DFN<br/>In stock: 39770 pcs</p> <p>RFQ</p>   |  <p><b>LTC3542ES6#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK ADJ 0.5A SYNC TSOT23<br/>In stock: 45306 pcs</p> <p>RFQ</p>  |
|  <p><b>LTC3542IDC#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK ADJ 0.5A SYNC 6DFN<br/>In stock: 32142 pcs</p> <p>RFQ</p>     |  <p><b>LTC3542IS6#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK ADJ 0.5A SYNC TSOT23<br/>In stock: 41809 pcs</p> <p>RFQ</p>  |