



ADI (Analog Devices, Inc.)



AHEAD OF WHAT'S POSSIBLE™

### LTC3612MPUDC

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | LTC3612MPUDC                                                                                                         |
| Manufacturer/Brand: | ADI (Analog Devices, Inc.)                                                                                           |
| Product description | IC POWER MANAGEMENT                                                                                                  |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

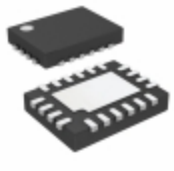
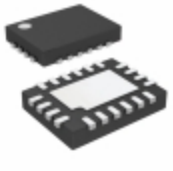
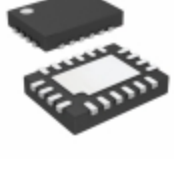
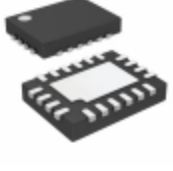
#### Specifications of LTC3612MPUDC

|                                |                                                                                       |
|--------------------------------|---------------------------------------------------------------------------------------|
| PART NUMBER                    | LTC3612MPUDC                                                                          |
| MANUFACTURER                   | ADI (Analog Devices, Inc.)                                                            |
| DESCRIPTION                    | IC POWER MANAGEMENT                                                                   |
| LEAD FREE STATUS / ROHS STATUS | Contains lead / RoHS non-compliant                                                    |
| DATA SHEET                     |                                                                                       |
| VOLTAGE - OUTPUT (MIN/FIXED)   | 0.6V                                                                                  |
| VOLTAGE - OUTPUT (MAX)         | 5.5V                                                                                  |
| VOLTAGE - INPUT (MIN)          | 2.25V                                                                                 |
| VOLTAGE - INPUT (MAX)          | 5.5V                                                                                  |
| TOPOLOGY                       | Buck                                                                                  |
| SYNCHRONOUS RECTIFIER          | Yes                                                                                   |
| SUPPLIER DEVICE PACKAGE        | 20-QFN (3x3)                                                                          |
| SERIES                         | -                                                                                     |
| PACKAGING                      | Tube                                                                                  |
| PACKAGE / CASE                 | 20-WFQFN Exposed Pad                                                                  |
| OUTPUT TYPE                    | Adjustable                                                                            |
| OUTPUT CONFIGURATION           | Positive                                                                              |
| OPERATING TEMPERATURE          | -55°C ~ 150°C (TJ)                                                                    |
| NUMBER OF OUTPUTS              | 1                                                                                     |
| MOUNTING TYPE                  | Surface Mount                                                                         |
| LEAD FREE STATUS / ROHS STATUS | Contains lead / RoHS non-compliant                                                    |
| FUNCTION                       | Step-Down                                                                             |
| FREQUENCY - SWITCHING          | 300kHz ~ 4MHz                                                                         |
| DETAILED DESCRIPTION           | Buck Switching Regulator IC Positive Adjustable 0.6V 1 Output 3A 20-WFQFN Exposed Pad |
| CURRENT - OUTPUT               | 3A                                                                                    |

#### Related Tags

|                                         |                                     |                                             |
|-----------------------------------------|-------------------------------------|---------------------------------------------|
| ADI (Analog Devices, Inc.) LTC3612MPUDC | LTC3612MPUDC Distributor            | LTC3612MPUDC Supplier                       |
| LTC3612MPUDC Price                      | LTC3612MPUDC Pictures               | LTC3612MPUDC Image                          |
| LTC3612MPUDC PDF Datasheet              | LTC3612MPUDC Download Datasheet     | LTC3612MPUDC Datasheet                      |
| LTC3612MPUDC Stock                      | Buy LTC3612MPUDC                    | Buy ADI (Analog Devices, Inc.) LTC3612MPUDC |
| ADI (Analog Devices, Inc.) LTC3612MPUDC | ADI (Analog Devices, Inc.) Supplier | ADI (Analog Devices, Inc.) Distributor      |
| ADI (Analog Devices, Inc.) LTC3612MPUDC | AD LTC3612MPUDC                     | ADI (Analog Devices, Inc.) LTC3612MPUDC     |
| Analog Devices Inc. LTC3612MPUDC        | Analog Devices, Inc. LTC3612MPUDC   |                                             |

#### Related Products

|                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                              |
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| <div></div> <div><b>LTC3612MPFE#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK ADJ 3A SYNC 20TSSOP<br/>In stock: 19 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>LTC3612MPFE#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK ADJ 3A SYNC 20TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>LTC3612MPUDC#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK ADJ 3A SYNC 20QFN<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>LTC3612IUDC</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC POWER MANAGEMENT<br/>In stock: Out stock<br/><div>RFQ</div></div>                   |
| <div></div> <div><b>LTC3613IWKH</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC POWER MANAGEMENT<br/>In stock: Out stock<br/><div>RFQ</div></div>                  | <div></div> <div><b>LTC3612MPUDC#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK ADJ 3A SYNC 20QFN<br/>In stock: 1 pcs<br/><div>RFQ</div></div>        |
| <div></div> <div><b>LTC3612IUDC#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK ADJ 3A SYNC 20QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>    | <div></div> <div><b>LTC3612IFE#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK ADJ 3A SYNC 20TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>LTC3613EWKH#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK ADJ 15A SYNC 56QFN<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>LTC3613EWKH</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC POWER MANAGEMENT<br/>In stock: Out stock<br/><div>RFQ</div></div>                   |
| <div></div> <div><b>LTC3613EWKH#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK ADJ 15A SYNC 56-QFN<br/>In stock: 234 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>LTC3612IUDC#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK ADJ 3A SYNC 20QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>   |