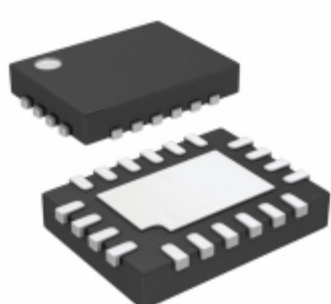


LTC3612IUDC#PBF



Images are for reference only.  
See Product Specifications for product details.  
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**Part Number:** [LTC3612IUDC#PBF](#)

**Manufacturer:** [ADI \(Analog Devices, Inc.\)](#)

**Description:** IC REG BUCK ADJ 3A SYNC 20QFN

**Data sheet:**  [LTC3612](#)

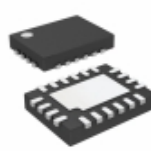
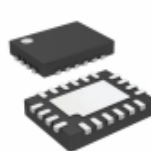
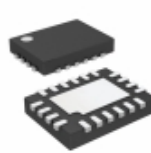
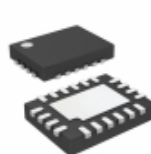
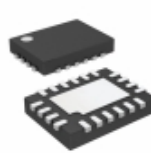
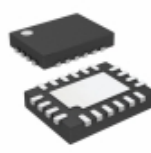
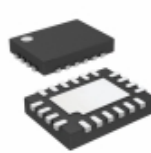
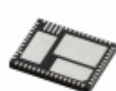
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                           |                                 |                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | LTC3612IUDC#PBF                           | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a>                                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | IC REG BUCK ADJ 3A SYNC 20QFN             | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 23774 pcs                                 | Data sheet                      | <a href="#">LTC3612</a>                                                               |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a> | 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 (3x4)                                                                          |
| 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                                                                         |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1 (Unlimited)                             | Manufacturer Standard Lead Time | 12 Weeks                                                                              |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Lead free / RoHS 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                                        | Base Part Number                | LTC3612                                                                               |
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| RELATED PRODUCTS                                                                   |                                                                                          |                                                           |                     |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------|---------------------|
|  | Part#: <a href="#">LTC3612IUDC#TRPBF</a><br>Description: IC REG BUCK ADJ 3A SYNC 20QFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3612HUDC#PBF</a><br>Description: IC REG BUCK ADJ 3A SYNC 20QFN     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3612MPUDC</a><br>Description: IC POWER MANAGEMENT                  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3612MPUDC#TRPBF</a><br>Description: IC REG BUCK ADJ 3A SYNC 20QFN  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3612MPUDC#PBF</a><br>Description: IC REG BUCK ADJ 3A SYNC 20QFN    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3612IFE#PBF</a><br>Description: IC REG BUCK ADJ 3A SYNC 20TSSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3612HUDC</a><br>Description: IC POWER MANAGEMENT                   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3612HUDC#TRPBF</a><br>Description: IC REG BUCK ADJ 3A SYNC 20QFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3612IUDC</a><br>Description: IC POWER MANAGEMENT                   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3613EWKH#PBF</a><br>Description: IC REG BUCK ADJ 15A SYNC 56-QFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3613IWKH</a><br>Description: IC POWER MANAGEMENT                   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3612EUDC#TRPBF</a><br>Description: IC REG BUCK ADJ 3A SYNC 20QFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3612EUDC#PBF</a><br>Description: IC REG BUCK ADJ 3A SYNC 20QFN     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3612IFE#TRPBF</a><br>Description: IC REG BUCK ADJ 3A SYNC 20TSSOP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3613EWKH#TRPBF</a><br>Description: IC REG BUCK ADJ 15A SYNC 56QFN  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3612HFE#TRPBF</a><br>Description: IC REG BUCK ADJ 3A SYNC 20TSSOP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3612HFE#PBF</a><br>Description: IC REG BUCK ADJ 3A SYNC 20TSSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3612MPFE#TRPBF</a><br>Description: IC REG BUCK ADJ 3A SYNC 20TSSOP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3613EWKH</a><br>Description: IC POWER MANAGEMENT                   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3612MPFE#PBF</a><br>Description: IC REG BUCK ADJ 3A SYNC 20TSSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |

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