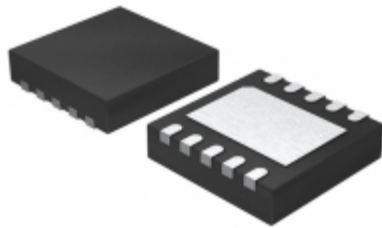


LTC3428EDD#PBF



Images are for reference only.  
See Product Specifications for product details.  
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**Part Number:** [LTC3428EDD#PBF](#)

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

**Description:** IC REG BOOST ADJ 2A 10DFN

**Data sheet:**  [Mac OS X Shortcuts](#)  
 [LTspice Flyer](#)  
 [LTspice IV Getting Started Guide](#)  
 [LTC3428 Datasheet](#)

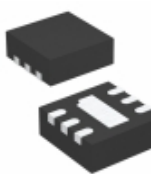
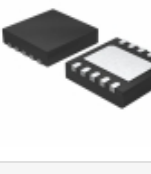
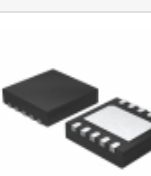
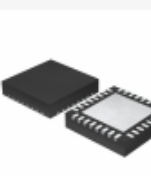
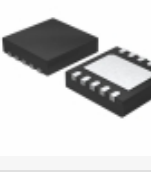
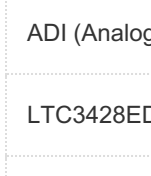
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                 |                                  |                                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LTC3428EDD#PBF                                                                                  | Manufacturer                     | <a href="#">ADI (Analog Devices, Inc.)</a>                                                                                                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | IC REG BOOST ADJ 2A 10DFN                                                                       | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 26960 pcs                                                                                       | Data sheet                       | <a href="#">Mac OS X Shortcuts</a><br><a href="#">LTspice Flyer</a><br><a href="#">LTspice IV Getting Started Guide</a><br><a href="#">LTC3428 Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Integrated Circuits (ICs)</a>                                                       | Voltage - Output (Min/Fixed)     | 1.6V                                                                                                                                                         |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 5.25V                                                                                           | Voltage - Input (Min)            | 1.6V                                                                                                                                                         |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 4.5V                                                                                            | Topology                         | Boost                                                                                                                                                        |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                                                                            | No                                                                                              | Supplier Device Package          | 10-DFN (3x3)                                                                                                                                                 |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -                                                                                               | Packaging                        | Tube                                                                                                                                                         |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 10-WDFDN Exposed Pad                                                                            | Output Type                      | Adjustable                                                                                                                                                   |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Positive                                                                                        | Other Names                      | LTC3428EDDPBF                                                                                                                                                |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -40°C ~ 85°C (TA)                                                                               | 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-Up                                                                                         | Frequency - Switching            | 1MHz                                                                                                                                                         |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Boost Switching Regulator IC Positive Adjustable 1.6V 1 Output 2A (Switch) 10-WDFDN Exposed Pad | Current - Output                 | 2A (Switch)                                                                                                                                                  |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | LTC3428                                                                                         |                                  |                                                                                                                                                              |
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| RELATED PRODUCTS                                                                   |                                                                                           |                                                           |                     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------|---------------------|
|  | Part#: <a href="#">LTC3427EDC#TRPBF</a><br>Description: IC REG BOOST ADJ 0.5A SYNC 6DFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3429ES6#TRMPBF</a><br>Description: IC REG BST ADJ 0.6A SYNC TSOT23  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3428EDD#TRPBF</a><br>Description: IC REG BOOST ADJ 2A 10DFN         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3429BES6#TRPBF</a><br>Description: IC REG BST ADJ 0.6A SYNC TSOT23  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3440EMS</a><br>Description: IC REG BUCK BST ADJ 0.6A 10MSOP         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3423EMS#PBF</a><br>Description: IC REG BOOST ADJ 1A 10MSOP          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3425EUH#PBF</a><br>Description: IC REG BOOST ADJ 5A SYNC 32QFN      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3429BES6#TRMPBF</a><br>Description: IC REG BST ADJ 0.6A SYNC TSOT23 | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3424EMS#TRPBF</a><br>Description: IC REG BOOST ADJ 2A 10MSOP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3440EMS#PBF</a><br>Description: IC REG BUCK BST ADJ 0.6A 10MSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3429ES6#TRPBF</a><br>Description: IC REG BST ADJ 0.6A SYNC TSOT23   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3424EMS#PBF</a><br>Description: IC REG BOOST ADJ 2A 10MSOP          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3440EDD#TRPBF</a><br>Description: IC REG BUCK BOOST ADJ 0.6A 10DFN  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3425EUH#TRPBF</a><br>Description: IC REG BOOST ADJ 5A SYNC 32QFN    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3426ES6#TRPBF</a><br>Description: IC REG BOOST ADJ 2A TSOT23-6      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3440EDD#PBF</a><br>Description: IC REG BUCK BOOST ADJ 0.6A 10DFN    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3423EMS#TRPBF</a><br>Description: IC REG BOOST ADJ 1A 10MSOP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3440EMS#TRPBF</a><br>Description: IC REG BUCK BST ADJ 0.6A 10MSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3426ES6#TRMPBF</a><br>Description: IC REG BOOST ADJ 2A TSOT23-6     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3427EDC#TRMPBF</a><br>Description: IC REG BOOST ADJ 0.5A SYNC 6DFN  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |

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