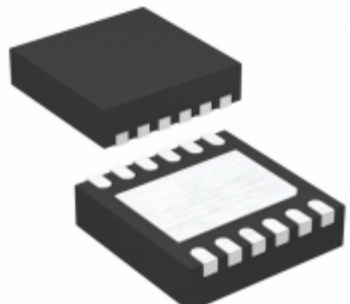


LT3083EDF#TRPBF



Images are for reference only.  
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Part Number: [LT3083EDF#TRPBF](#)

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

Description: IC REG LINEAR POS ADJ 3A 12DFN

Data sheet:

 [Mac OS X Shortcuts](#)

 [LTspice Flyer](#)

 [LTspice IV Getting Started Guide](#)

 [LT3083 Datasheet](#)

 [LT308x Selector Card](#)

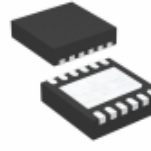
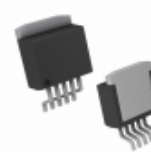
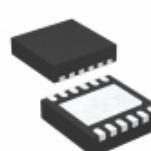
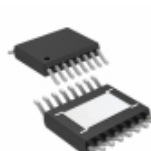
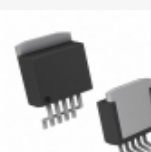
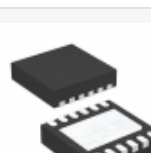
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                      |                                  |                                                                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | LT3083EDF#TRPBF                                      | Manufacturer                     | <a href="#">ADI (Analog Devices, Inc.)</a>                                                                                                                                                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | IC REG LINEAR POS ADJ 3A 12DFN                       | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 19387 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="#">LT3083 Datasheet</a><br><a href="#">LT308x Selector Card</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a>            | Voltage Dropout (Max)            | 0.42V @ 3A                                                                                                                                                                                          |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0V                                                   | Voltage - Output (Max)           | 23V                                                                                                                                                                                                 |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 23V                                                  | Supplier Device Package          | 12-DFN (4x4)                                                                                                                                                                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -                                                    | Protection Features              | Over Current, Over Temperature, Short Circuit                                                                                                                                                       |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Cut Tape (CT)                                        | Package / Case                   | 12-WDFN Exposed Pad                                                                                                                                                                                 |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 85dB ~ 20dB (120Hz ~ 1MHz)                           | Output Type                      | Adjustable                                                                                                                                                                                          |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Positive                                             | Other Names                      | LT3083EDF#TRPBFCT                                                                                                                                                                                   |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -40°C ~ 125°C                                        | Number of Regulators             | 1                                                                                                                                                                                                   |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Surface Mount                                        | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                                                                                                                                       |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 10 Weeks                                             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Linear Voltage Regulator IC 1 Output 3A 12-DFN (4x4) | Current - Supply (Max)           | 1mA                                                                                                                                                                                                 |
| Current - Quiescent (Iq)                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 50.5µA                                               | Current - Output                 | 3A                                                                                                                                                                                                  |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                                    | Base Part Number                 | LT3083                                                                                                                                                                                              |
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| RELATED PRODUCTS                                                                   |                                                                                          |                                                           |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  | Part#: <a href="#">LT3083IDF#PBF</a><br>Description: IC REG LINEAR POS ADJ 3A 12DFN      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3082IST#PBF</a><br>Description: IC REG LIN POS ADJ 200MA SOT223     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3083EQ#TRPBF</a><br>Description: IC REG LINEAR POS ADJ 3A 5DDPAK    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3083IDF#TRPBF</a><br>Description: IC REG LINEAR POS ADJ 3A 12DFN    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3083IFE#PBF</a><br>Description: IC REG LINEAR POS ADJ 3A 16TSSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3083EQ#PBF</a><br>Description: IC REG LINEAR POS ADJ 3A 5DDPAK      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3083ET#TRPBF</a><br>Description: IC REG LINEAR POS ADJ 3A TO220-5   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3083EDF#PBF</a><br>Description: IC REG LINEAR POS ADJ 3A 12DFN      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3082ITS8#TRMPBF</a><br>Description: IC REG LIN POS ADJ 200MA TSOT23 | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3082IST</a><br>Description: IC REG LINEAR                           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3083IDF</a><br>Description: IC REG LINEAR                           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3083EFE#PBF</a><br>Description: IC REG LINEAR POS ADJ 3A 16TSSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3083ET#PBF</a><br>Description: IC REG LINEAR POS ADJ 3A TO220-5     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3082MPST#TRPBF</a><br>Description: IC REG LIN POS ADJ 200MA SOT223  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3082ITS8#TRPBF</a><br>Description: IC REG LIN POS ADJ 200MA TSOT23  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3082IDD#TRPBF</a><br>Description: IC REG LINEAR POS ADJ 200MA 8DFN  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3082MPST#PBF</a><br>Description: IC REG LIN POS ADJ 200MA SOT223    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3083EFE#TRPBF</a><br>Description: IC REG LINEAR POS ADJ 3A 16TSSOP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3083EDF</a><br>Description: IC REG LINEAR                           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3082IST#TRPBF</a><br>Description: IC REG LIN POS ADJ 200MA SOT223   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |

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