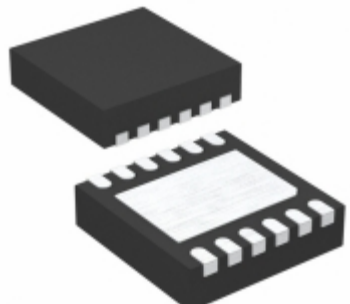


LT3083IDF#TRPBF



Images are for reference only.  
See Product Specifications for product details.  
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Part Number:

LT3083IDF#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:

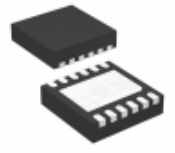
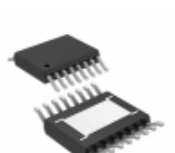
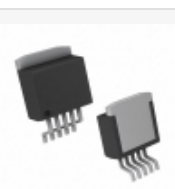
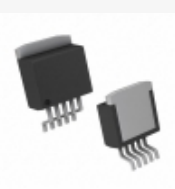
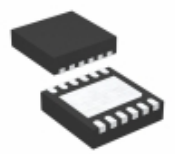
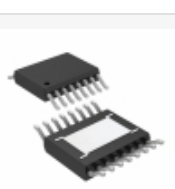
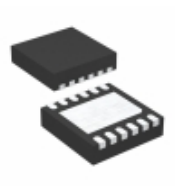
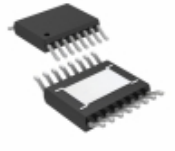
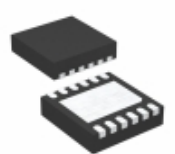
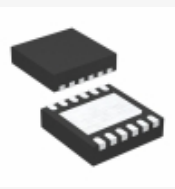
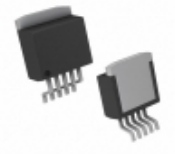
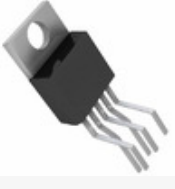
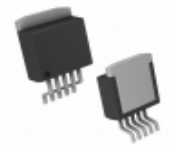
Hong Kong

Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                     |                                |                                                                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | LT3083IDF#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                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 15075 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Tape & Reel (TR)                                                                    | Package / Case                 | 12-WDFDN Exposed Pad                                                                                                                                                                                |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 85dB ~ 20dB (120Hz ~ 1MHz)                                                          | Output Type                    | Adjustable                                                                                                                                                                                          |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Positive                                                                            | Operating Temperature          | -40°C ~ 125°C                                                                                                                                                                                       |
| Number of Regulators                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1                                                                                   | Mounting Type                  | Surface Mount                                                                                                                                                                                       |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1 (Unlimited)                                                                       | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                                                                                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Linear Voltage Regulator IC Positive Adjustable 1 Output 0 V ~ 23 V 3A 12-DFN (4x4) | Current - Supply (Max)         | 1mA                                                                                                                                                                                                 |
| Current - Quiescent (Iq)                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 50.5µA                                                                              | Current - Output               | 3A                                                                                                                                                                                                  |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                                                                   | Base Part Number               | LT3083                                                                                                                                                                                              |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all ADI (Analog Devices, Inc.) series electronic components. We have 15075 pieces of ADI (Analog Devices, Inc.) LT3083IDF#TRPBF in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                                     |                                |                                                                                                                                                                                                     |

| RELATED PRODUCTS                                                                   |                                                                                         |                                                           |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  | 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="#">LT3083IT#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="#">LT3083EDF#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="#">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="#">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="#">LT3083IQ#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="#">LT3083IDF</a><br>Description: IC REG LINEAR                          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3083IQ#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="#">LT3083MPDF#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="#">LT3083IT#40PBF</a><br>Description: IC REG LIN POS ADJ 3A TO220-5     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3083MPDF</a><br>Description: IC REG LINEAR                         | 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="#">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="#">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="#">LT3083MPDF#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="#">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="#">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="#">LT3083IT#TRPBF</a><br>Description: IC REG LDO ADJ 3A TO220-5         | Manufacturers: <a href="#">Linear Technology</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">LT3083IFE#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="#">LT3083EQ#PBF</a><br>Description: IC REG LINEAR POS ADJ 3A 5DDPAK     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |

Related keywords for LT3083IDF#TRPBF

|                                            |                             |                                            |                                     |
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| Analog Devices, Inc. LT3083IDF#TRPBF       |                             |                                            |                                     |

