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DEVICES

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ADI (Analog Devices, Inc.)



LT3083EFE#TRPBF

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | LT3083EFE#TRPBF                                                                                              |
| Manufacturer/Brand: | ADI (Analog Devices, Inc.)                                                                                   |
| Product description | IC REG LINEAR POS ADJ 3A 16TSSOP                                                                             |
|                     | <a href="#">1.LT3083EFE#TRPBF.pdf</a>                                                                        |
|                     | <a href="#">2.LT3083EFE#TRPBF.pdf</a>                                                                        |
|                     | <a href="#">3.LT3083EFE#TRPBF.pdf</a>                                                                        |
|                     | <a href="#">4.LT3083EFE#TRPBF.pdf</a>                                                                        |
|                     | <a href="#">5.LT3083EFE#TRPBF.pdf</a>                                                                        |
| Datasheets:         |                                                                                                              |
|                     |                                                                                                              |
|                     |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

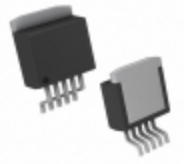
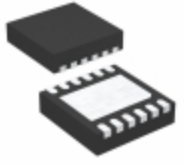
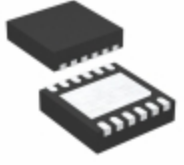
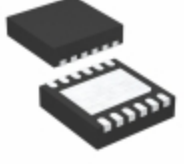
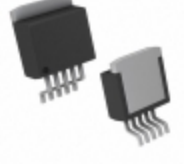
Specifications of LT3083EFE#TRPBF

|                                  |                                                                                                                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LT3083EFE#TRPBF                                                                                                                                                                                           |
| MANUFACTURER                     | ADI (Analog Devices, Inc.)                                                                                                                                                                                |
| DESCRIPTION                      | IC REG LINEAR POS ADJ 3A 16TSSOP                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                |
| DATA SHEET                       | <a href="#">1.LT3083EFE#TRPBF.pdf</a><br><a href="#">2.LT3083EFE#TRPBF.pdf</a><br><a href="#">3.LT3083EFE#TRPBF.pdf</a><br><a href="#">4.LT3083EFE#TRPBF.pdf</a><br><a href="#">5.LT3083EFE#TRPBF.pdf</a> |
| VOLTAGE DROPOUT (MAX)            | 0.42V @ 3A                                                                                                                                                                                                |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 0V                                                                                                                                                                                                        |
| VOLTAGE - OUTPUT (MAX)           | 23V                                                                                                                                                                                                       |
| VOLTAGE - INPUT (MAX)            | 23V                                                                                                                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 16-TSSOP-EP                                                                                                                                                                                               |
| SERIES                           | -                                                                                                                                                                                                         |
| PROTECTION FEATURES              | Over Current, Over Temperature, Short Circuit                                                                                                                                                             |
| PACKAGING                        | Cut Tape (CT)                                                                                                                                                                                             |
| PACKAGE / CASE                   | 16-TSSOP (0.173", 4.40mm Width) Exposed Pad                                                                                                                                                               |
| PSRR                             | 85dB ~ 20dB (120Hz ~ 1MHz)                                                                                                                                                                                |
| OUTPUT TYPE                      | Adjustable                                                                                                                                                                                                |
| OUTPUT CONFIGURATION             | Positive                                                                                                                                                                                                  |
| OTHER NAMES                      | LT3083EFE#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  | 8 Weeks                                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                |
| DETAILED DESCRIPTION             | Linear Voltage Regulator IC 1 Output 3A 16-TSSOP-EP                                                                                                                                                       |
| CURRENT - SUPPLY (MAX)           | 1mA                                                                                                                                                                                                       |
| CURRENT - QUIESCENT (IQ)         | 50.5µA                                                                                                                                                                                                    |
| CURRENT - OUTPUT                 | 3A                                                                                                                                                                                                        |
| CONTROL FEATURES                 | -                                                                                                                                                                                                         |

Related Tags

|                                            |                                      |                                                |
|--------------------------------------------|--------------------------------------|------------------------------------------------|
| ADI (Analog Devices, Inc.) LT3083EFE#TRPBF | LT3083EFE#TRPBF Distributor          | LT3083EFE#TRPBF Supplier                       |
| LT3083EFE#TRPBF Price                      | LT3083EFE#TRPBF Pictures             | LT3083EFE#TRPBF Image                          |
| LT3083EFE#TRPBF PDF Datasheet              | LT3083EFE#TRPBF Download Datasheet   | LT3083EFE#TRPBF Datasheet                      |
| LT3083EFE#TRPBF Stock                      | Buy LT3083EFE#TRPBF                  | Buy ADI (Analog Devices, Inc.) LT3083EFE#TRPBF |
| ADI (Analog Devices, Inc.) LT3083EFE#TRPBF | ADI (Analog Devices, Inc.) Supplier  | ADI (Analog Devices, Inc.) Distributor         |
| ADI (Analog Devices, Inc.) LT3083EFE#TRPBF | AD LT3083EFE#TRPBF                   | ADI (Analog Devices, Inc.) LT3083EFE#TRPBF     |
| Analog Devices Inc. LT3083EFE#TRPBF        | Analog Devices, Inc. LT3083EFE#TRPBF |                                                |

Related Products

|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>LT3082MPST#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG LIN POS ADJ 200MA SOT223<br/>In stock: 127 pcs<br/><div>RFQ</div></div>   |  <div><b>LT3083EQ#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG LINEAR POS ADJ 3A 5DDPAK<br/>In stock: 750 pcs<br/><div>RFQ</div></div>     |
|  <div><b>LT3083EDF#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG LINEAR POS ADJ 3A 12DFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>LT3082MPST#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG LIN POS ADJ 200MA SOT223<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>LT3083EDF#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG LINEAR POS ADJ 3A 12DFN<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>LT3083ET#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG LINEAR POS ADJ 3A TO220-5<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>LT3083IDF#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG LINEAR POS ADJ 3A 12DFN<br/>In stock: 495 pcs<br/><div>RFQ</div></div>     |  <div><b>LT3083EFE#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG LINEAR POS ADJ 3A 16TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>LT3083EDF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG LINEAR<br/>In stock: Out stock<br/><div>RFQ</div></div>                        |  <div><b>LT3083EQ#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG LINEAR POS ADJ 3A 5DDPAK<br/>In stock: Out stock<br/><div>RFQ</div></div>     |
|  <div><b>LT3083IDF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG LINEAR<br/>In stock: Out stock<br/><div>RFQ</div></div>                        |  <div><b>LT3083ET#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG LINEAR POS ADJ 3A TO220-5<br/>In stock: 307 pcs<br/><div>RFQ</div></div>      |

