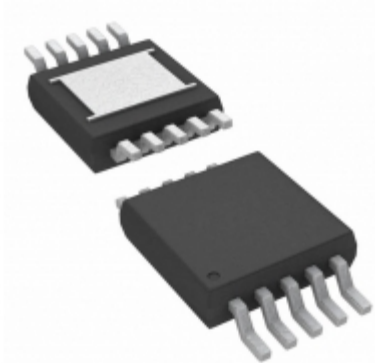


LT3042EMSE#TRPBF



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Part Number:

LT3042EMSE#TRPBF

Manufacturer:

ADI (Analog Devices, Inc.)

Description:

IC REG LIN POS ADJ 200MA 10MSOP

Data sheet:

 [High Performance LDOs Selector Card](#)

 [Mac OS X Shortcuts](#)

 [LTspice Flyer](#)

 [LTspice IV Getting Started Guide](#)

 [LT3042 Datasheet](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

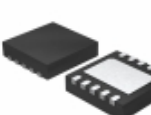
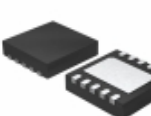
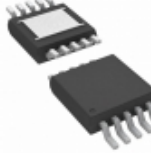
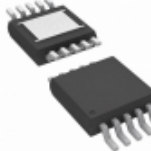
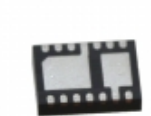
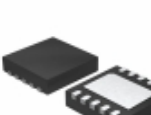
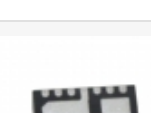
Hong Kong

Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                      |                                  |                                                                                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                         | LT3042EMSE#TRPBF                                                                     | Manufacturer                     | <a href="#">ADI (Analog Devices, Inc.)</a>                                                                                                                                                                         |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                         | IC REG LIN POS ADJ 200MA 10MSOP                                                      | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                  | 31403 pcs                                                                            | Data sheet                       | <a href="#">High Performance LDOs Selector Card</a><br><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="#">LT3042 Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                            | <a href="#">Integrated Circuits (ICs)</a>                                            | Voltage Dropout (Max)            | 0.35V @ 200mA (Typ)                                                                                                                                                                                                |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                        | 0V                                                                                   | Voltage - Output (Max)           | 15V                                                                                                                                                                                                                |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                               | 20V                                                                                  | Supplier Device Package          | 10-MSOP-EP                                                                                                                                                                                                         |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                                                                    | Protection Features              | Over Temperature, Reverse Polarity                                                                                                                                                                                 |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                           | Tape & Reel (TR)                                                                     | Package / Case                   | 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed Pad                                                                                                                                                               |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                | 117dB ~ 56dB (120Hz ~ 10MHz)                                                         | Output Type                      | Adjustable                                                                                                                                                                                                         |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                | Positive                                                                             | Other Names                      | LT3042EMSE#TRPBF-ND<br>LT3042EMSE#TRPBFTR                                                                                                                                                                          |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                               | -40°C ~ 125°C                                                                        | Number of Regulators             | 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                                                                                                                                                                                         |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                | Linear Voltage Regulator IC Positive Adjustable 1 Output 0 V ~ 15 V 200mA 10-MSOP-EP | Current - Output                 | 200mA                                                                                                                                                                                                              |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                    | Current Limit, Enable, Power Good                                                    | Base Part Number                 | LT3042                                                                                                                                                                                                             |
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| RELATED PRODUCTS                                                                   |                                                                                          |                                                           |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  | Part#: <a href="#">LT3042HDD#TRPBF</a><br>Description: IC REG LIN POS ADJ 200MA 10DFN    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3042MPDD#PBF</a><br>Description: IC REG LIN POS ADJ 200MA 10DFN     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3042IMSE#TRPBF</a><br>Description: IC REG LIN POS ADJ 200MA 10MSOP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3042MPDD#TRPBF</a><br>Description: IC REG LIN POS ADJ 200MA 10DFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3033EUDC#PBF</a><br>Description: 3A, 0.95V TO 10V, VERY LOW DROPO   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3042EMSE#PBF</a><br>Description: IC REG LIN POS ADJ 200MA 10MSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3042IDD#TRPBF</a><br>Description: IC REG LIN POS ADJ 200MA 10DFN    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3032MPDE-5#PBF</a><br>Description: IC REG LINEAR +-5V 14DFN         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3042IMSE#PBF</a><br>Description: IC REG LIN POS ADJ 200MA 10MSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3042HDD#PBF</a><br>Description: IC REG LIN POS ADJ 200MA 10DFN      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3033IUDC#TRPBF</a><br>Description: 3A, 0.95V TO 10V, VERY LOW DROPO | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3032MPDE-5#TRPBF</a><br>Description: IC REG LINEAR +-5V 14DFN       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3042HMSE#TRPBF</a><br>Description: IC REG LIN POS ADJ 200MA 10MSOP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3042EDD#TRPBF</a><br>Description: IC REG LIN POS ADJ 200MA 10DFN    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3042IDD#PBF</a><br>Description: IC REG LIN POS ADJ 200MA 10DFN      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3033IUDC#PBF</a><br>Description: 3A, 0.95V TO 10V, VERY LOW DROPO   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT304001C</a><br>Description: FUSE HLDR CART 300V 400A CHASSIS        | Manufacturers: <a href="#">Hamlin / Littelfuse</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">LT3042HMSE#PBF</a><br>Description: IC REG LIN POS ADJ 200MA 10MSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3033EUDC#TRPBF</a><br>Description: 3A, 0.95V TO 10V, VERY LOW DROPO | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3042EDD#PBF</a><br>Description: IC REG LIN POS ADJ 200MA 10DFN      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |

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