

LT3980IMSE#TRPBF



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Part Number:

LT3980IMSE#TRPBF

Manufacturer:

ADI (Analog Devices, Inc.)

Description:

IC REG BUCK ADJ 2A 16MSOP

Data sheet:

 [LT3980 Datasheet](#)

 [Mac OS X Shortcuts](#)

 [LTspice Flyer](#)

 [LTspice IV Getting Started Guide](#)

 [LTpowerCAD II User Guide](#)

 [LTpowerCAD II Quick Start Guide](#)

RoHS Status:

Lead free / RoHS Compliant

Ship From:

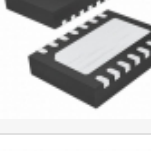
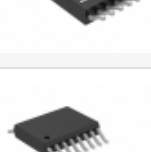
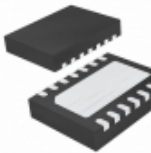
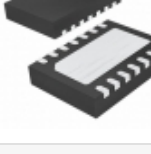
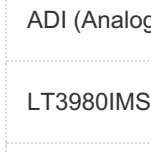
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                   |                                             |                                 |                                                                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                         | LT3980IMSE#TRPBF                            | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a>                                                                                                                                                                                                                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                         | IC REG BUCK ADJ 2A 16MSOP                   | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                                                                                                                                                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                  | 20140 pcs                                   | Data sheet                      | <a href="#">LT3980 Datasheet</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="#">LTpowerCAD II User Guide</a><br><a href="#">LTpowerCAD II Quick Start Guide</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                            | <a href="#">Integrated Circuits (ICs)</a>   | Voltage - Output (Min/Fixed)    | 0.79V                                                                                                                                                                                                                                                      |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                              | 57.42V                                      | Voltage - Input (Min)           | 3.6V                                                                                                                                                                                                                                                       |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                               | 58V                                         | Topology                        | Buck                                                                                                                                                                                                                                                       |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                               | No                                          | Supplier Device Package         | 16-MSOP-EP                                                                                                                                                                                                                                                 |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                           | Packaging                       | Tape & Reel (TR)                                                                                                                                                                                                                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                      | 16-TFSOP (0.118", 3.00mm Width) Exposed Pad | Output Type                     | Adjustable                                                                                                                                                                                                                                                 |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                | Positive                                    | Operating Temperature           | -40°C ~ 125°C (TJ)                                                                                                                                                                                                                                         |
| 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-Down                                                                                                                                                                                                                                                  |
| Frequency - Switching                                                                                                                                                                                                                                                                                                                                                                                                               | 225kHz ~ 2.25MHz                            | Detailed Description            | Buck Switching Regulator IC Positive Adjustable 0.79V 1 Output 2A 16-TFSOP (0.118", 3.00mm Width) Exposed Pad                                                                                                                                              |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                    | 2A                                          | Base Part Number                | LT3980                                                                                                                                                                                                                                                     |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                           |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  | Part#: <a href="#">LT3990EMSE#PBF</a><br>Description: IC REG BUCK ADJ 0.35A 16MSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3990EMSE#TRPBF</a><br>Description: IC REG BUCK ADJ 0.35A 16MSOP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LT3980IDE#TRPBF</a><br>Description: IC REG BUCK ADJ 2A 14DFN       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3988HMSE#TRPBF</a><br>Description: IC REG BUCK ADJ 1A DL 16-MSOP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LT3988IMSE#TRPBF</a><br>Description: IC REG BUCK ADJ 1A DL 16-MSOP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3976IUDD#TRPBF</a><br>Description: IC REG BUCK ADJ 5A 24QFN      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3988EMSE#TRPBF</a><br>Description: IC REG BUCK ADJ 1A DL 16-MSOP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3980HMSE#TRPBF</a><br>Description: IC REG BUCK ADJ 2A 16MSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3988EMSE#PBF</a><br>Description: IC REG BUCK ADJ 1A DL 16-MSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3980IDE#PBF</a><br>Description: IC REG BUCK ADJ 2A 14DFN         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3990EDD#PBF</a><br>Description: IC REG BUCK ADJ 0.35A 10DFN      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3980EDE#PBF</a><br>Description: IC REG BUCK ADJ 2A 14DFN         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3980HMSE#PBF</a><br>Description: IC REG BUCK ADJ 2A 16MSOP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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