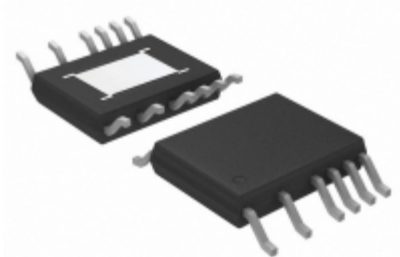


LT8362EMSE#TRPBF



Images are for reference only.  
See Product Specifications for product details.  
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Part Number: [LT8362EMSE#TRPBF](#)

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

Description: IC CONV DC/DC BOOST 2A 16 MSOP

Data sheet:  [Mac OS X Shortcuts](#)  
 [LTspice Flyer](#)  
 [LTspice IV Getting Started Guide](#)  
 [LT8362 Datasheet](#)

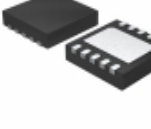
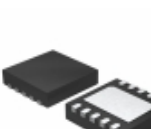
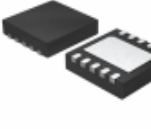
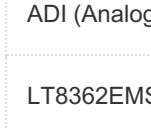
RoHs Status:

Ship From: Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                       |                                |                                                                                                                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | LT8362EMSE#TRPBF                                      | Manufacturer                   | <a href="#">ADI (Analog Devices, Inc.)</a>                                                                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | IC CONV DC/DC BOOST 2A 16 MSOP                        | Lead Free Status / RoHS Status |                                                                                                                                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 24601 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="#">LT8362 Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Integrated Circuits (ICs)</a>             | Voltage - Output (Min/Fixed)   | -                                                                                                                                                           |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 60V (Switch)                                          | Voltage - Input (Min)          | 2.8V                                                                                                                                                        |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 60V                                                   | Topology                       | Boost, SEPIC                                                                                                                                                |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                                     | Supplier Device Package        | 16-MSOP-EP                                                                                                                                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                                                     | Packaging                      | Tape & Reel (TR)                                                                                                                                            |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 16-TFSOP (0.118", 3.00mm Width) Exposed Pad, 12 Leads | Output Type                    | Fixed                                                                                                                                                       |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Positive                                              | Operating Temperature          | -40°C ~ 125°C (TJ)                                                                                                                                          |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1                                                     | Mounting Type                  | Surface Mount                                                                                                                                               |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1 (Unlimited)                                         | Function                       | Step-Up                                                                                                                                                     |
| Frequency - Switching                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 300kHz ~ 2MHz                                         | Detailed Description           | Boost, SEPIC Switching Regulator IC Positive Fixed 1 Output 2A (Switch) 16-TFSOP (0.118", 3.00mm Width) Exposed Pad, 12 Leads                               |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2A (Switch)                                           | Base Part Number               | LT8362                                                                                                                                                      |
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| RELATED PRODUCTS                                                                   |                                                                                          |                                                           |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
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|  | Part#: <a href="#">LT8362HMSE#PBF</a><br>Description: IC CONV DC/DC BOOST 2A 16MSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8362IDD#PBF</a><br>Description: IC CONV DC/DC BOOST 2A 10DFN        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8362HMSE#TRPBF</a><br>Description: IC CONV DC/DC BOOST 2A 16MSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8362EDD#TRPBF</a><br>Description: IC CONV DC/DC BOOST 2A 10DFN      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8362EMSE#PBF</a><br>Description: IC CONV DC/DC BOOST 2A 16MSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8362EDD#PBF</a><br>Description: IC CONV DC/DC BOOST 2A 10DFN        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8364EDE#TRPBF</a><br>Description: LOW IQ BOOST/SEPIC/ INVERTING CO  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8335IDDB#TRPBF</a><br>Description: IC REG BST SEPIC ADJ 2A 8DFN     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8361HMSE#TRPBF</a><br>Description: LOW IQ BOOST/SEPIC/INVERTING CON | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8361EMSE#PBF</a><br>Description: LOW IQ BOOST/SEPIC/INVERTING CON   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8362IMSE#PBF</a><br>Description: IC CONV DC/DC BOOST 2A 16MSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8362IDD#TRPBF</a><br>Description: IC CONV DC/DC BOOST 2A 10DFN      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8361IMSE#TRPBF</a><br>Description: LOW IQ BOOST/SEPIC/INVERTING CON | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8364EDE#PBF</a><br>Description: LOW IQ BOOST/SEPIC/ INVERTING CO    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8362HDD#PBF</a><br>Description: IC CONV DC/DC BOOST 2A 10DFN        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8361HMSE#PBF</a><br>Description: LOW IQ BOOST/SEPIC/INVERTING CON   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8362HDD#TRPBF</a><br>Description: IC CONV DC/DC BOOST 2A 10DFN      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8362IMSE#TRPBF</a><br>Description: IC CONV DC/DC BOOST 2A 16MSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8361EMSE#TRPBF</a><br>Description: LOW IQ BOOST/SEPIC/INVERTING CON | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |

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