

LTC3119MPFE#TRPBF



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Part Number:

LTC3119MPFE#TRPBF

Manufacturer:

ADI (Analog Devices, Inc.)

Description:

IC REG BCK BST 18V 5A TSSOP28

Data sheet:

 [LTC3119 Datasheet](#)

 [Mac OS X Shortcuts](#)

 [LTspice Flyer](#)

 [LTspice IV Getting Started Guide](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

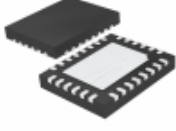
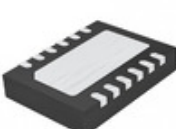
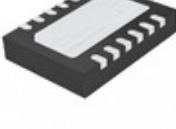
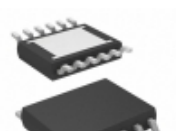
Shipment Way:

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Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                    |                                |                                                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | LTC3119MPFE#TRPBF                                                                                                  | Manufacturer                   | <a href="#">ADI (Analog Devices, Inc.)</a>                                                                                                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | IC REG BCK BST 18V 5A TSSOP28                                                                                      | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3467 pcs                                                                                                           | Data sheet                     | <a href="#">LTC3119 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> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Integrated Circuits (ICs)</a>                                                                          | Voltage - Output (Min/Fixed)   | 0.8V                                                                                                                                                         |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 18V                                                                                                                | Voltage - Input (Min)          | 2.5V                                                                                                                                                         |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 18V                                                                                                                | Topology                       | Buck-Boost                                                                                                                                                   |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Yes                                                                                                                | Supplier Device Package        | 28-TSSOP-EP                                                                                                                                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                                                                                                                  | Packaging                      | Tape & Reel (TR)                                                                                                                                             |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 28-TSSOP (0.173", 4.40mm Width) Exposed Pad                                                                        | Output Type                    | Adjustable                                                                                                                                                   |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Positive                                                                                                           | Operating Temperature          | -55°C ~ 150°C (TA)                                                                                                                                           |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1                                                                                                                  | Mounting Type                  | Surface Mount                                                                                                                                                |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1 (Unlimited)                                                                                                      | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                                                   |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Step-Up/Step-Down                                                                                                  | Frequency - Switching          | 400kHz ~ 2MHz                                                                                                                                                |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Buck-Boost Switching Regulator IC Positive Adjustable 0.8V 1 Output 5A 28-TSSOP (0.173", 4.40mm Width) Exposed Pad | Current - Output               | 5A                                                                                                                                                           |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | LTC3119                                                                                                            |                                |                                                                                                                                                              |
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| RELATED PRODUCTS                                                                   |                                                                                          |                                                           |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  | Part#: <a href="#">LTC3122EDE#TRPBF</a><br>Description: IC REG BOOST ADJ 2.5A SYNC 12DFN | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3119MPFE#PBF</a><br>Description: IC REG BCK BST 18V 5A TSSOP28     | Manufacturers: <a href="#">Linear Technology</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3121IDE#PBF</a><br>Description: IC REG BOOST ADJ 1.5A SYNC         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LTC3122EDE#PBF</a><br>Description: IC REG BOOST ADJ 2.5A SYNC 12DFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3119IUD#PBF</a><br>Description: IC REG BCK BST 18V 5A QFN28        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3119IFE#PBF</a><br>Description: IC REG BCK BST 18V 5A TSSOP28      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3119HFE#PBF</a><br>Description: IC REG BCK BST 18V 5A TSSOP28      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3119IFE</a><br>Description: IC REG BUCK BOOST                      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3119IFE#TRPBF</a><br>Description: IC REG BCK BST 18V 5A TSSOP28    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3121IDE#TRPBF</a><br>Description: IC REG BOOST ADJ 1.5A SYNC       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3121EDE#PBF</a><br>Description: IC REG BOOST ADJ 1.5A SYNC         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3122HMSE#TRPBF</a><br>Description: IC REG BST ADJ 2.5A SYNC 12MSOP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3119MPFE</a><br>Description: IC REG BUCK BOOST                     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3119IUD</a><br>Description: IC REG BUCK BOOST                      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3119IUD#TRPBF</a><br>Description: IC REG BCK BST 18V 5A QFN28      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3121EDE#TRPBF</a><br>Description: IC REG BOOST ADJ 1.5A SYNC       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3122EMSE#TRPBF</a><br>Description: IC REG BST ADJ 2.5A SYNC 12MSOP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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