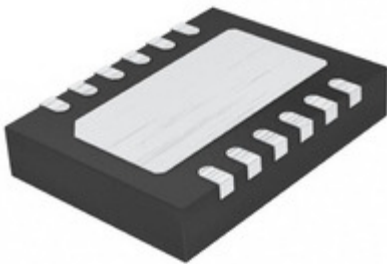


LTC3122EDE#TRPBF



Images are for reference only.  
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**Part Number:** [LTC3122EDE#TRPBF](#)

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

**Description:** IC REG BOOST ADJ 2.5A SYNC 12DFN

**Data sheet:**  [Mac OS X Shortcuts](#)  
 [LTspice IV Getting Started Guide](#)  
 [LTpowerCAD II User Guide](#)  
 [LTpowerCAD II Quick Start Guide](#)  
 [LTC3122 Datasheet](#)

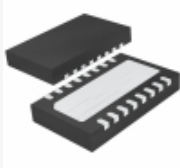
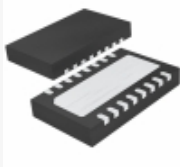
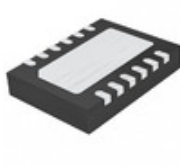
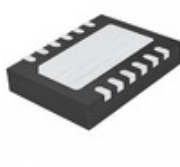
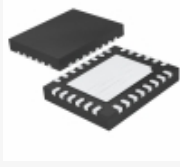
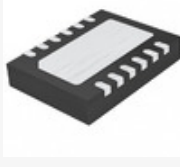
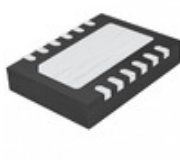
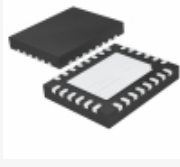
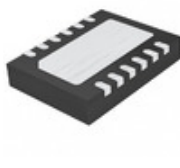
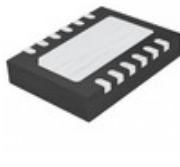
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                   |                                  |                                                                                                                                                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | LTC3122EDE#TRPBF                                                                                  | Manufacturer                     | <a href="#">ADI (Analog Devices, Inc.)</a>                                                                                                                                                                                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | IC REG BOOST ADJ 2.5A SYNC 12DFN                                                                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                                                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 32962 pcs                                                                                         | Data sheet                       | <a href="#">Mac OS X Shortcuts</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><br><a href="#">LTC3122 Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Integrated Circuits (ICs)</a>                                                         | Voltage - Output (Min/Fixed)     | 2.2V                                                                                                                                                                                                                       |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 15V                                                                                               | Voltage - Input (Min)            | 1.8V                                                                                                                                                                                                                       |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 5.5V                                                                                              | Topology                         | Boost                                                                                                                                                                                                                      |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Yes                                                                                               | Supplier Device Package          | 12-DFN (4x3)                                                                                                                                                                                                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                                                                                                 | Packaging                        | Tape & Reel (TR)                                                                                                                                                                                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 12-WDFDN Exposed Pad                                                                              | Output Type                      | Adjustable                                                                                                                                                                                                                 |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Positive                                                                                          | Other Names                      | LTC3122EDE#TRPBF-ND<br>LTC3122EDE#TRPBFTR                                                                                                                                                                                  |
| 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-Up                                                                                           | Frequency - Switching            | 1MHz                                                                                                                                                                                                                       |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Boost Switching Regulator IC Positive Adjustable 2.2V 1 Output 2.5A (Switch) 12-WDFDN Exposed Pad | Current - Output                 | 2.5A (Switch)                                                                                                                                                                                                              |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | LTC3122                                                                                           |                                  |                                                                                                                                                                                                                            |
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| RELATED PRODUCTS                                                                   |                                                                                           |                                                           |                     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------|---------------------|
|  | Part#: <a href="#">LTC3122HMSE#TRPBF</a><br>Description: IC REG BST ADJ 2.5A SYNC 12MSOP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3119MPFE#TRPBF</a><br>Description: IC REG BCK BST 18V 5A TSSOP28    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3122EMSE#TRPBF</a><br>Description: IC REG BST ADJ 2.5A SYNC 12MSOP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3124EDHC#TRPBF</a><br>Description: IC REG BOOST ADJ 2.5A SYNC 16DFN | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3122HMSE#PBF</a><br>Description: IC REG BST ADJ 2.5A SYNC 12MSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3124EDHC#PBF</a><br>Description: IC REG BOOST ADJ 2.5A SYNC 16DFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3121EDE#TRPBF</a><br>Description: IC REG BOOST ADJ 1.5A SYNC        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3122IDE#PBF</a><br>Description: IC REG BOOST ADJ 2.5A SYNC 12DFN    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3122IDE#TRPBF</a><br>Description: IC REG BOOST ADJ 2.5A SYNC 12DFN  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3119IUFDF#TRPBF</a><br>Description: IC REG BCK BST 18V 5A QFN28     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3119MPFE</a><br>Description: IC REG BUCK BOOST                      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3122EDE#PBF</a><br>Description: IC REG BOOST ADJ 2.5A SYNC 12DFN    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3119MPFE#PBF</a><br>Description: IC REG BCK BST 18V 5A TSSOP28      | Manufacturers: <a href="#">Linear Technology</a>          | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3122IMSE#TRPBF</a><br>Description: IC REG BST ADJ 2.5A SYNC 12MSOP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3121IDE#PBF</a><br>Description: IC REG BOOST ADJ 1.5A SYNC          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3119IUFDF#PBF</a><br>Description: IC REG BCK BST 18V 5A QFN28       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3121EDE#PBF</a><br>Description: IC REG BOOST ADJ 1.5A SYNC          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3122IMSE#PBF</a><br>Description: IC REG BST ADJ 2.5A SYNC 12MSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3121IDE#TRPBF</a><br>Description: IC REG BOOST ADJ 1.5A SYNC        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3122EMSE#PBF</a><br>Description: IC REG BST ADJ 2.5A SYNC 12MSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |

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