

LT3991EMSE-5#PBF





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Part Number: [LT3991EMSE-5#PBF](#)

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

Description: IC REG BUCK 5V 1.2A 10-MSOP

Data sheet: 

 [Mac OS X Shortcuts](#)

 [LTspice Flyer](#)

 [LTspice IV Getting Started Guide](#)

 [LT3991 Datasheet](#)

 [LTpowerCAD II User Guide](#)

 [LTpowerCAD II Quick Start Guide](#)

RoHs Status: Lead free / RoHS Compliant

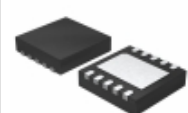
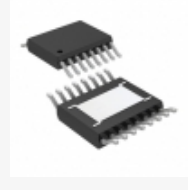
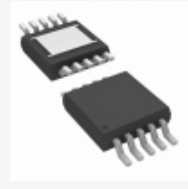
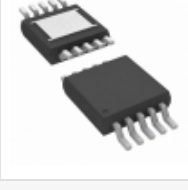
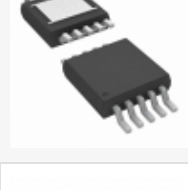
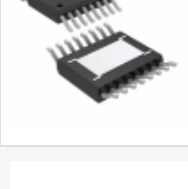
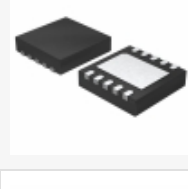
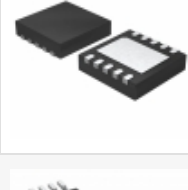
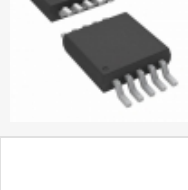
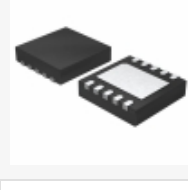
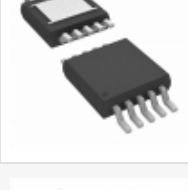
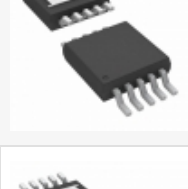
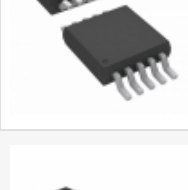
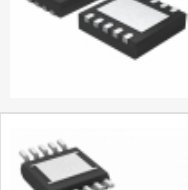
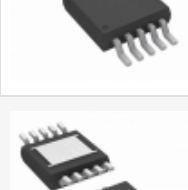
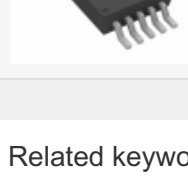
Ship From: Hong Kong

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

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

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                  |                                  |                                                                                                                                                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | LT3991EMSE-5#PBF                                                                                                 | Manufacturer                     | <a href="#">ADI (Analog Devices, Inc.)</a>                                                                                                                                                                                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | IC REG BUCK 5V 1.2A 10-MSOP                                                                                      | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                                                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 29162 pcs                                                                                                        | Data sheet                       | <a href="#">Mac OS X Shortcuts</a><br><a href="#">LTspice Flyer</a><br><a href="#">LTspice IV Getting Started</a><br><a href="#">LT3991 Datasheet</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)     | 5V                                                                                                                                                                                                                                                   |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                                                                                                                | Voltage - Input (Min)            | 4.3V                                                                                                                                                                                                                                                 |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 55V                                                                                                              | Topology                         | Buck                                                                                                                                                                                                                                                 |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                                                                              | No                                                                                                               | Supplier Device Package          | 10-MSOP-EP                                                                                                                                                                                                                                           |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                                                                                                                | Packaging                        | Tube                                                                                                                                                                                                                                                 |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed Pad                                                             | Output Type                      | Fixed                                                                                                                                                                                                                                                |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Positive                                                                                                         | Other Names                      | LT3991EMSE5PBF                                                                                                                                                                                                                                       |
| 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            | 200kHz ~ 2MHz                                                                                                                                                                                                                                        |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Buck Switching Regulator IC Positive Fixed 5V 1 Output 1.2A 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed Pad | Current - Output                 | 1.2A                                                                                                                                                                                                                                                 |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | LT3991                                                                                                           |                                  |                                                                                                                                                                                                                                                      |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all ADI (Analog Devices, Inc.) series electronic components. We have 29162 pieces of ADI (Analog Devices, Inc.) LT3991EMSE-5#PBF in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                                                                  |                                  |                                                                                                                                                                                                                                                      |

| RELATED PRODUCTS                                                                   |                                                                                           |                                                           |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  | Part#: <a href="#">LT3991IDD#PBF</a><br>Description: IC REG BUCK ADJ 1.2A 10DFN           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3990IMSE-5#PBF</a><br>Description: IC REG BUCK 5V 0.35A 16MSOP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3990IMSE-5#TRPBF</a><br>Description: IC REG BUCK 5V 0.35A 16MSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3991EMSE-5#TRPBF</a><br>Description: IC REG BUCK 5V 1.2A 10-MSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3991IMSE-3.3#PBF</a><br>Description: IC REG BUCK 3.3V 1.2A 10-MSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3991EMSE#PBF</a><br>Description: IC REG BUCK ADJ 1.2A 10MSOP         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3990IMSE-3.3#TRPBF</a><br>Description: IC REG BUCK 3.3V 0.35A 16MSOP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3991IDD</a><br>Description: IC REGULATOR                             | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3991IMSE-5#PBF</a><br>Description: IC REG BUCK 5V 1.2A 10-MSOP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3991EMSE#TRPBF</a><br>Description: IC REG BUCK ADJ 1.2A 10MSOP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3991IDD#TRPBF</a><br>Description: IC REG BUCK ADJ 1.2A 10DFN         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3991IMSE-5#TRPBF</a><br>Description: IC REG BUCK 5V 1.2A 10-MSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3991EDD</a><br>Description: IC REGULATOR                             | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3991EDD#TRPBF</a><br>Description: IC REG BUCK ADJ 1.2A 10DFN         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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Related keywords for LT3991EMSE-5#PBF

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