

LT1302CS8-5#PBF



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See Product Specifications for product details.  
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**Part Number:** [LT1302CS8-5#PBF](#)

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

**Description:** IC REG BOOST 5V 2A 8SOIC

**Data sheet:**  [Mac OS X Shortcuts](#)  
 [LTspice Flyer](#)  
 [LTspice IV Getting Started Guide](#)  
 [LT1302/-5](#)

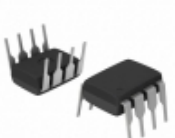
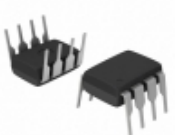
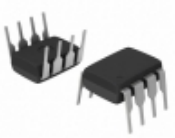
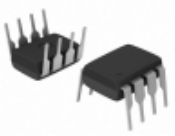
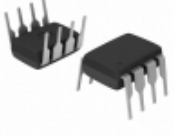
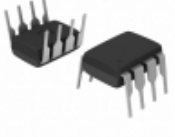
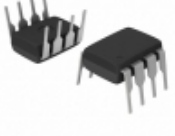
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                   |                                  |                                                                                                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | LT1302CS8-5#PBF                                                                                   | Manufacturer                     | <a href="#">ADI (Analog Devices, Inc.)</a>                                                                                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | IC REG BOOST 5V 2A 8SOIC                                                                          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 24401 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="#">LT1302/-5</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a>                                                         | Voltage - Output (Min/Fixed)     | 5V                                                                                                                                                   |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -                                                                                                 | Voltage - Input (Min)            | 2V                                                                                                                                                   |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 8V                                                                                                | Topology                         | Boost                                                                                                                                                |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                                                                             | No                                                                                                | Supplier Device Package          | 8-SOIC                                                                                                                                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -                                                                                                 | Packaging                        | Tube                                                                                                                                                 |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 8-SOIC (0.154", 3.90mm Width)                                                                     | Output Type                      | Fixed                                                                                                                                                |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Positive                                                                                          | Other Names                      | LT1302CS85PBF                                                                                                                                        |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0°C ~ 70°C (TA)                                                                                   | Number of Outputs                | 1                                                                                                                                                    |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Surface Mount                                                                                     | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                                                                                        |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 8 Weeks                                                                                           | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                           |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Step-Up                                                                                           | Frequency - Switching            | 220kHz                                                                                                                                               |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Boost Switching Regulator IC Positive Fixed 5V 1 Output 2A (Switch) 8-SOIC (0.154", 3.90mm Width) | Current - Output                 | 2A (Switch)                                                                                                                                          |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | LT1302                                                                                            |                                  |                                                                                                                                                      |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all ADI (Analog Devices, Inc.) series electronic components. We have 24401 pieces of ADI (Analog Devices, Inc.) LT1302CS8-5#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="#">LT1303CS8-5#PBF</a><br>Description: IC REG BOOST 5V 0.75A 8SOIC   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LT1303CN8-5#PBF</a><br>Description: IC REG BOOST 5V 0.75A 8DIP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LT1301IS8#TRPBF</a><br>Description: IC REG BOOST PROG 0.75A 8SOIC | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LT1301CS8#PBF</a><br>Description: IC REG BOOST PROG 0.75A 8SOIC   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LT1302CS8-5#TRPBF</a><br>Description: IC REG BOOST 5V 2A 8SOIC    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LT1303IN8-5#PBF</a><br>Description: IC REG BOOST 5V 0.75A 8DIP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LT1303CS8#PBF</a><br>Description: IC REG BOOST ADJ 0.75A 8SOIC    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LT1302CS8-5#TRPBF</a><br>Description: IC REG BOOST ADJ 2A 8SOIC   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LT1302CN8#PBF</a><br>Description: IC REG BOOST ADJ 2A 8DIP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LT1301IN8#PBF</a><br>Description: IC REG BOOST PROG 0.75A 8DIP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LT1301CS8#TRPBF</a><br>Description: IC REG BOOST PROG 0.75A 8SOIC | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LT1303CS8#TRPBF</a><br>Description: IC REG BOOST ADJ 0.75A 8SOIC  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
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