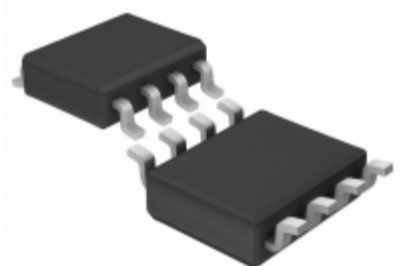


LT1175IS8-5#PBF



  
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**Part Number:** [LT1175IS8-5#PBF](#)

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

**Description:** IC REG LINEAR -5V 500MA 8SOIC

**Data sheet:**  [Mac OS X Shortcuts](#)  
 [LTspice Flyer](#)  
 [LTspice IV Getting Started Guide](#)  
 [LT1175 Datasheet](#)

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

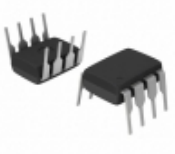
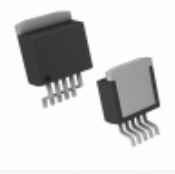
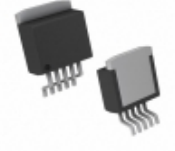
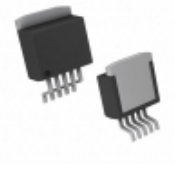
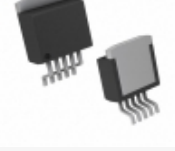
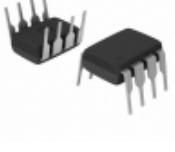
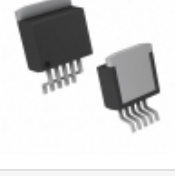
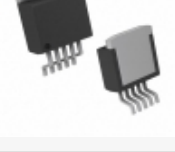
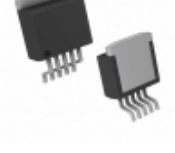
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
**Buy LT1175IS8-5#PBF with confidence from Component-World.HK, 1 Year Warranty**

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                      |                                  |                                                                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | LT1175IS8-5#PBF                                                      | Manufacturer                     | <a href="#">ADI (Analog Devices, Inc.)</a>                                                                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | IC REG LINEAR -5V 500MA 8SOIC                                        | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 24850 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="#">LT1175 Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a>                            | Voltage Dropout (Max)            | 0.7V @ 500mA                                                                                                                                                |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -5V                                                                  | Voltage - Output (Max)           | -                                                                                                                                                           |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -20V                                                                 | Supplier Device Package          | 8-SOIC                                                                                                                                                      |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -                                                                    | Protection Features              | -                                                                                                                                                           |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Tube                                                                 | Package / Case                   | 8-SOIC (0.154", 3.90mm Width)                                                                                                                               |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 60db ~ 15dB (1kHz ~ 100kHz)                                          | Output Type                      | Fixed                                                                                                                                                       |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Negative                                                             | Other Names                      | LT1175IS85PBF                                                                                                                                               |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -40°C ~ 85°C                                                         | Number of Regulators             | 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                                                                                                                                  |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Linear Voltage Regulator IC Negative Fixed 1 Output -5V 500mA 8-SOIC | Current - Quiescent (Iq)         | 80µA                                                                                                                                                        |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 500mA                                                                | Control Features                 | Current Limit, Enable                                                                                                                                       |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | LT1175                                                               |                                  |                                                                                                                                                             |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all ADI (Analog Devices, Inc.) series electronic components. We have 24850 pieces of ADI (Analog Devices, Inc.) LT1175IS8-5#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="#">LT1175IS8-5#TRPBF</a><br>Description: IC REG LINEAR -5V 500MA 8SOIC    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LT1175CT-5#06PBF</a><br>Description: IC REG LIN -5V 500MA TO220-5      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LT1175IT#PBF</a><br>Description: IC REG LIN NEG ADJ 500MA TO220-5      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LT1175IN8#PBF</a><br>Description: IC REG LIN NEG ADJ 500MA 8DIP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LT1175IS8#PBF</a><br>Description: IC REG LIN NEG ADJ 500MA 8SOIC       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LT1175IS8#TRPBF</a><br>Description: IC REG LIN NEG ADJ 500MA 8SOIC     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LT1175IST-5#PBF</a><br>Description: IC REG LINEAR -5V 500MA SOT223-3   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LT1175MPQ#PBF</a><br>Description: IC REG LIN NEG ADJ 500MA 5DDPAK      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LT1175CT-5#PBF</a><br>Description: IC REG LINEAR -5V 500MA TO220-5     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LT1175IQ-5#PBF</a><br>Description: IC REG LINEAR -5V 500MA 5DDPAK      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LT1175MPQ-5#PBF</a><br>Description: IC REG LINEAR -5V 500MA 5DDPAK     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LT1175IQ-5#TRPBF</a><br>Description: IC REG LINEAR -5V 500MA 5DDPAK    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LT1175IQ#TRPBF</a><br>Description: IC REG LIN NEG ADJ 500MA 5DDPAK     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LT1175IT-5#PBF</a><br>Description: IC REG LINEAR -5V 500MA TO220-5     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LT1175IN8-5#PBF</a><br>Description: IC REG LINEAR -5V 500MA 8DIP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LT1175IST-5</a><br>Description: IC REG LINEAR -5V 500MA SOT223-3       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LT1175MPQ-5#TRPBF</a><br>Description: IC REG LINEAR -5V 500MA 5DDPAK   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LT1175IQ#PBF</a><br>Description: IC REG LIN NEG ADJ 500MA 5DDPAK       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LT1175MPQ#TRPBF</a><br>Description: IC REG LIN NEG ADJ 500MA 5DDPAK    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LT1175IST-5#TRPBF</a><br>Description: IC REG LINEAR -5V 500MA SOT223-3 | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |

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