

LT1007CN8#PBF



Part Number: [LT1007CN8#PBF](#)

Manufacturer [Linear Technology](#)

Description IC OPAMP GP 8MHZ 8DIP

Data sheet:  [LT1007, LT1037](#)

RoHS Status: Lead free / RoHS Compliant

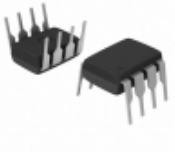
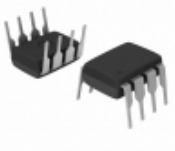
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                           |                                   |                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------|--------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LT1007CN8#PBF                             | Manufacturer                      | <a href="#">Linear Technology</a>          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | IC OPAMP GP 8MHZ 8DIP                     | Lead Free Status / RoHS Status    | Lead free / RoHS Compliant                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 44336 pcs                                 | Data sheet                        | <a href="#">LT1007, LT1037</a>             |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Single/Dual (±) | -                                          |
| Voltage - Input Offset                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 15nA                                      | Voltage - Breakdown               | 8-PDIP                                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -                                         | RoHS Status                       | Tube                                       |
| Polarization                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 8-DIP (0.300", 7.62mm)                    | Output Type                       | -                                          |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LT1007CN8PBF                              | Orientation                       | 1                                          |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0°C ~ 70°C                                | Number of Bits/Stages             | 20µV                                       |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Through Hole                              | Moisture Sensitivity Level (MSL)  | 1 (Unlimited)                              |
| Max Output Power x Channels @ Load                                                                                                                                                                                                                                                                                                                                                                                                                                                              | General Purpose                           | Manufacturer Standard Lead Time   | 4 Weeks                                    |
| Manufacturer Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | LT1007CN8#PBF                             | Expanded Description              | General Purpose Amplifier 1 Circuit 8-PDIP |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | IC OPAMP GP 8MHZ 8DIP                     | Current - Supply (Main IC)        | ±4 V ~ 18 V                                |
| Current - Supply                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -                                         | Current - Input Bias              | 8MHz                                       |
| Channels per IC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                         | -3db Bandwidth                    | 2.5 V/µs                                   |
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| RELATED PRODUCTS                                                                   |                                                                                      |                                                           |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  | Part#: <a href="#">LT1004IS8-2.5#TRPBF</a><br>Description: IC VREF SHUNT 2.5V 8SOIC  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1007IN8#PBF</a><br>Description: IC OPAMP GP 8MHZ 8DIP           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|   | Part#: <a href="#">LT1004IZ-1.2#PBF</a><br>Description: IC VREF SHUNT 1.23V TO92-3   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1006CN8#PBF</a><br>Description: IC OPAMP GP 8DIP                | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1008CN8#PBF</a><br>Description: IC OPAMP GP 8DIP                | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1004IZ-2.5#TRPBF</a><br>Description: IC VREF SHUNT 2.5V TO92-3  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1007CSW#TRPBF</a><br>Description: IC OPAMP GP 8MHZ 16SO         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1007IS8#TRPBF</a><br>Description: IC OPAMP GP 8MHZ 8SO          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1007CSW#PBF</a><br>Description: IC OPAMP GP 8MHZ 16SO           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1006S8#TRPBF</a><br>Description: IC OP AMP GP SINGLE 8SO        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1007CS8#TRPBF</a><br>Description: IC OPAMP GP 8MHZ 8SO          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|   | Part#: <a href="#">LT1004IZ-2.5#PBF</a><br>Description: IC VREF SHUNT 2.5V TO92-3    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1006S8#PBF</a><br>Description: IC OP AMP GP SINGLE 8SO          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1007IS8#PBF</a><br>Description: IC OPAMP GP 8MHZ 8SO            | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1004IS8-2.5#PBF</a><br>Description: IC VREF SHUNT 2.5V 8SOIC    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1007ACN8#PBF</a><br>Description: IC OPAMP GP 8MHZ 8DIP          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1008IN8#PBF</a><br>Description: IC OPAMP GP 8DIP                | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1007CS8#PBF</a><br>Description: IC OPAMP GP 8MHZ 8SO            | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1008S8#PBF</a><br>Description: IC OP AMP GP SINGLE 8SO          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1004IZ-1.2#TRPBF</a><br>Description: IC VREF SHUNT 1.23V TO92-3 | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |

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