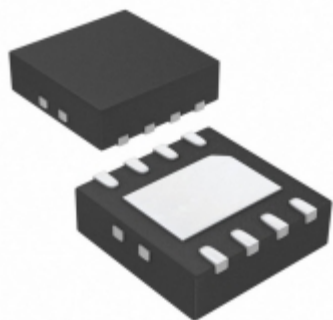


LTC6102IDD#TRPBF





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Part Number: [LTC6102IDD#TRPBF](#)

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

Description: IC OPAMP CURR SENSE 200KHZ 8DFN

Data sheet:  [LTC6102\(-1, HV\) Datasheet](#)  
 [Mac OS X Shortcuts](#)  
 [LTspice Flyer](#)  
 [LTspice IV Getting Started Guide](#)

RoHs Status: Lead free / RoHS Compliant

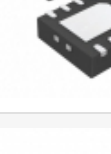
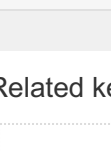
Ship From: Hong Kong

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | LTC6102IDD#TRPBF                              | Manufacturer                      | <a href="#">ADI (Analog Devices, Inc.)</a>                                                                                                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | IC OPAMP CURR SENSE 200KHZ 8DFN               | Lead Free Status / RoHS Status    | Lead free / RoHS Compliant                                                                                                                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 33948 pcs                                     | Data sheet                        | <a href="#">LTC6102(-1, HV) Datasheet</a><br><a href="#">Mac OS X Shortcuts</a><br><a href="#">LTspice Flyer</a><br><a href="#">LTspice IV Getting Started Guide</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Integrated Circuits (ICs)</a>     | Voltage - Supply, Single/Dual (±) | 4 V ~ 60 V                                                                                                                                                           |
| Voltage - Input Offset                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 3µV                                           | Supplier Device Package           | 8-DFN (3x3)                                                                                                                                                          |
| Slew Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -                                             | Series                            | -                                                                                                                                                                    |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Tape & Reel (TR)                              | Package / Case                    | 8-WDFN Exposed Pad                                                                                                                                                   |
| Output Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -                                             | Operating Temperature             | -40°C ~ 85°C                                                                                                                                                         |
| Number of Circuits                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 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                    | Gain Bandwidth Product            | 200kHz                                                                                                                                                               |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Current Sense Amplifier 1 Circuit 8-DFN (3x3) | Current - Supply                  | 420µA                                                                                                                                                                |
| Current - Output / Channel                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1mA                                           | Current - Input Bias              | 60pA                                                                                                                                                                 |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | LTC6102                                       | Amplifier Type                    | Current Sense                                                                                                                                                        |
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| RELATED PRODUCTS                                                                   |                                                                                              |                                                           |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  | Part#: <a href="#">LTC6102HVIDD#PBF</a><br>Description: IC OPAMP CURR SENSE 200KHZ 8DFN      | Manufacturers: <a href="#">Linear Technology</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">LTC6102IMS8-1#TRPBF</a><br>Description: IC OPAMP CURR SENSE 200KHZ 8MSOP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC6103CMS8#TRPBF</a><br>Description: IC OPAMP CURR SENSE 140KHZ 8MSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC6103HMS8#TRPBF</a><br>Description: IC OPAMP CURR SENSE 140KHZ 8MSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC6102IMS8#PBF</a><br>Description: IC OPAMP CURR SENSE 200KHZ 8MSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC6102HVIDD#TRPBF</a><br>Description: IC OPAMP CURR SENSE 200KHZ 8DFN    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC6102HVDHDD#PBF</a><br>Description: IC OPAMP CURR SENSE 200KHZ 8DFN     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC6102HVMHMS8#PBF</a><br>Description: IC OPAMP CURR SENSE 200KHZ 8MSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LTC6102IMS8#TRPBF</a><br>Description: IC OPAMP CURR SENSE 200KHZ 8MSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC6102IDD-1#PBF</a><br>Description: IC OPAMP CURR SENSE 200KHZ 8DFN      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LTC6102IMS8-1#PBF</a><br>Description: IC OPAMP CURR SENSE 200KHZ 8MSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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