

LT1054LCS8#TRPBF





Part Number: [LT1054LCS8#TRPBF](#)

Manufacturer: [Linear Technology](#)

Description: IC REG SWITCHD CAP INV 8SOIC

Data sheet:  [LT1054\(L\)](#)

RoHs Status: Lead free / RoHS Compliant

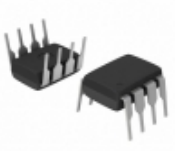
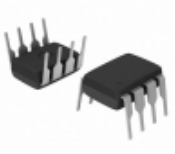
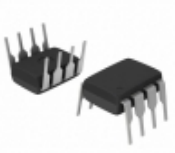
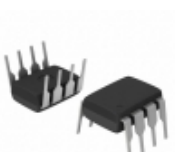
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                           |                                  |                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-----------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | LT1054LCS8#TRPBF                                                                                                                          | Manufacturer                     | <a href="#">Linear Technology</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | IC REG SWITCHD CAP INV 8SOIC                                                                                                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 44190 pcs                                                                                                                                 | Data sheet                       | <a href="#">LT1054(L)</a>         |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Integrated Circuits (ICs)</a>                                                                                                 | Voltage - Start Up               | Charge Pump                       |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2.5V (-Vin, 2Vin)                                                                                                                         | Voltage - Input (Max)            | 7V                                |
| Voltage - Dropout (Typical)                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3.5V                                                                                                                                      | Voltage - Breakdown              | 8-SOIC                            |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                                                                                                                                         | RoHS Status                      | Tape & Reel (TR)                  |
| Regulator Topology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 120mA                                                                                                                                     | Polarization                     | 8-SOIC (0.154", 3.90mm Width)     |
| Output Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Adjustable (Fixed)                                                                                                                        | Output Configuration             | 1                                 |
| Output                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Ratiometric, Step-Up                                                                                                                      | Operating Temperature            | 0°C ~ 100°C (TJ)                  |
| Number of DAC's                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 25kHz                                                                                                                                     | Noise - 0.1Hz to 10Hz            | 14V                               |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Surface Mount                                                                                                                             | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                     |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 4 Weeks                                                                                                                                   | Manufacturer Part Number         | LT1054LCS8#TRPBF                  |
| Expanded Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Charge Pump Switching Regulator IC Positive or Negative Adjustable (Fixed) 2.5V (-Vin, 2Vin) 1 Output 120mA 8-SOIC (0.154", 3.90mm Width) | Description                      | IC REG SWITCHD CAP INV 8SOIC      |
| Contact Rating @ Voltage                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Positive or Negative                                                                                                                      | Clock Sync                       | No                                |
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| RELATED PRODUCTS                                                                   |                                                                                          |                                                           |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  | Part#: <a href="#">LT1054IN8#PBF</a><br>Description: IC REG SWITCHD CAP INV RATIO 8DIP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1055S8#TRPBF</a><br>Description: IC OPAMP JFET 4.5MHZ 8SO           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1054IS8#PBF</a><br>Description: IC REG SWITCHD CAP INV 0.1A 8SOIC   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1056S8#TRPBF</a><br>Description: IC OPAMP JFET 5.5MHZ 8SO           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1057IS8#PBF</a><br>Description: IC OPAMP JFET 5MHZ 8SO              | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1054ISW#TRPBF</a><br>Description: IC REG SWITCHD CAP INV 16SOIC     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1057ACN8#PBF</a><br>Description: IC OPAMP JFET 5MHZ 8DIP            | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1056CN8#PBF</a><br>Description: IC OPAMP JFET 5.5MHZ 8DIP           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1054LCS8#PBF</a><br>Description: IC REG SWITCHD CAP INV 8SOIC       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1054IS8#TRPBF</a><br>Description: IC REG SWITCHD CAP INV 0.1A 8SOIC | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1057CN8#PBF</a><br>Description: IC OPAMP JFET 5MHZ 8DIP             | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1056S8#PBF</a><br>Description: IC OPAMP JFET 5.5MHZ 8SO             | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1054MJ8</a><br>Description: IC REG SWITCHD CAP INV RATIO 8DIP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1055CN8#PBF</a><br>Description: IC OPAMP JFET 4.5MHZ 8DIP           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1054IPG4</a><br>Description: IC REG SWITCHD CAP INV RATIO 8DIP      | Manufacturers: <a href="#">N/A</a>                        | <div>RFQ</div> |
|  | Part#: <a href="#">LT1055S8#PBF</a><br>Description: IC OPAMP JFET 4.5MHZ 8SO             | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1054ISW#PBF</a><br>Description: IC REG SWITCHD CAP INV 16SOIC       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1054IDWR</a><br>Description: IC REG SWITCHD CAP INV 16SOIC          | Manufacturers: <a href="#">N/A</a>                        | <div>RFQ</div> |
|  | Part#: <a href="#">LT1054IP</a><br>Description: IC REG SWITCHD CAP INV RATIO 8DIP        | Manufacturers: <a href="#">N/A</a>                        | <div>RFQ</div> |
|  | Part#: <a href="#">LT1054IDWRG4</a><br>Description: IC REG SWITCHD CAP INV 16SOIC        | Manufacturers: <a href="#">N/A</a>                        | <div>RFQ</div> |

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