

MAX1044CSA+T



**Part Number:** [MAX1044CSA+T](#)

**Manufacturer:** [Maxim Integrated](#)

**Description:** IC REG SWTCHD CAP INV 20MA 8SOIC

**Data sheet:**  [MAX1044](#)  
 [Part Numbering System](#)

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

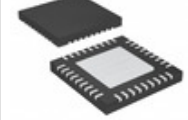
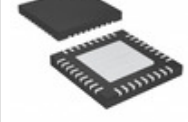
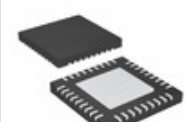
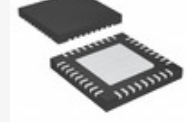
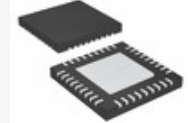
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                                 |                                                                                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                | MAX1044CSA+T                              | Manufacturer                    | <a href="#">Maxim Integrated</a>                                                                                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC REG SWTCHD CAP INV 20MA 8SOIC          | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                         | 50868 pcs                                 | Data sheet                      | <a href="#">MAX1044</a><br><a href="#">Part Numbering System</a>                                                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Output (Min/Fixed)    | -Vin, nVin, Vin/2                                                                                                           |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                         | Voltage - Input (Min)           | 1.5V                                                                                                                        |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                      | 10V                                       | Topology                        | Charge Pump                                                                                                                 |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                                                      | No                                        | Supplier Device Package         | 8-SOIC                                                                                                                      |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                         | Packaging                       | Tape & Reel (TR)                                                                                                            |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                             | 8-SOIC (0.154", 3.90mm Width)             | Output Type                     | Fixed                                                                                                                       |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                       | Positive or Negative                      | 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 | 6 Weeks                                                                                                                     |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                             | Lead free / RoHS Compliant                | Function                        | Ratiometric                                                                                                                 |
| Frequency - Switching                                                                                                                                                                                                                                                                                                                                                                                                                                      | 10kHz                                     | Detailed Description            | Charge Pump Switching Regulator IC Positive or Negative Fixed -Vin, nVin, Vin/2 1 Output 20mA 8-SOIC (0.154", 3.90mm Width) |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                                           | 20mA                                      | Base Part Number                | MAX1044                                                                                                                     |
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| RELATED PRODUCTS                                                                   |                                                                                      |                                                 |                     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------|---------------------|
|  | Part#: <a href="#">MAX1044CPA</a><br>Description: IC REG SWTCHD CAP INV RATIO 8DIP   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX104EVKIT</a><br>Description: EVAL BOARD FOR MAX104             | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1044CPA+</a><br>Description: IC REG SWTCHD CAP INV RATIO 8DIP  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1039AEEE+</a><br>Description: IC ADC 8-BIT 188KSPS 16-QSOP     | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1046BETX+T</a><br>Description: IC ADC/DAC 10BIT 36TQFN         | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1044ESA+</a><br>Description: IC REG SWTCHD CAP INV 20MA 8SOIC  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1044CSA</a><br>Description: IC REG SWTCHD CAP INV 20MA 8SOIC   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1044ESA+T</a><br>Description: IC REG SWTCHD CAP INV 20MA 8SOIC | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1042BETX+T</a><br>Description: IC ADC/DAC 10BIT W/FIFO 36TQFN  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1038AEEE+T</a><br>Description: IC ADC 8BIT LP SERIAL 16-QSOP   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1046BETX+</a><br>Description: IC ADC/DAC 10BIT 36TQFN          | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1048BETX+</a><br>Description: IC ADC/DAC 10BIT 36TQFN          | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1044EPA</a><br>Description: IC REG SWTCHD CAP INV RATIO 8DIP   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1044EPA+</a><br>Description: IC REG SWTCHD CAP INV RATIO 8DIP  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1044ESA</a><br>Description: IC REG SWTCHD CAP INV 20MA 8SOIC   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1044CSA+</a><br>Description: IC REG SWTCHD CAP INV 20MA 8SOIC  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1039AEEE+T</a><br>Description: IC ADC 8BIT LP SERIAL 16-QSOP   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX104CHC-D</a><br>Description: IC ADC8BIT 1GSPS TH AMP 192ESBGA  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1042BETX+</a><br>Description: IC ADC/DAC 10BIT W/FIFO 36TQFN   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1040BETX+</a><br>Description: IC ADC/DAC 10BIT W/FIFO 36TQFN   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |

Related keywords for MAX1044CSA+T

|                                 |                          |                       |                    |
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