

MAX1771CSA+T



Part Number: [MAX1771CSA+T](#)

Manufacturer: [Maxim Integrated](#)

Description: IC REG CTRLR BST/BUCK-BST 8SOIC

Data sheet:  [MAX1771](#)  
 [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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Request For Quotation

| PRODUCT PARAMETER               |                                           |                                  |                                                                                                   |
|---------------------------------|-------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------|
| Part Number                     | MAX1771CSA+T                              | Manufacturer                     | <a href="#">Maxim Integrated</a>                                                                  |
| Description                     | IC REG CTRLR BST/BUCK-BST 8SOIC           | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                        |
| Quantity Available              | 38653 pcs                                 | Data sheet                       | <a href="#">MAX1771</a><br><a href="#">Part Numbering System</a>                                  |
| Category                        | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 3 V ~ 16.5 V                                                                                      |
| Topology                        | Boost, Buck-Boost                         | Synchronous Rectifier            | No                                                                                                |
| Supplier Device Package         | 8-SOIC                                    | Series                           | -                                                                                                 |
| Serial Interfaces               | -                                         | Packaging                        | Tape & Reel (TR)                                                                                  |
| Package / Case                  | 8-SOIC (0.154", 3.90mm Width)             | Output Type                      | Transistor Driver                                                                                 |
| Output Phases                   | 1                                         | Output Configuration             | Positive                                                                                          |
| Other Names                     | MAX1771CSA+T-ND<br>MAX1771CSA+TR          | Operating Temperature            | 0°C ~ 70°C (TA)                                                                                   |
| Number of Outputs               | 1                                         | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                                     |
| Manufacturer Standard Lead Time | 6 Weeks                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                        |
| Function                        | Step-Up, Step-Up/Step-Down                | Frequency - Switching            | 300kHz                                                                                            |
| Duty Cycle (Max)                | 92%                                       | Detailed Description             | Boost, Buck-Boost Regulator Positive Output Step-Up, Step-Up/Step-Down DC-DC Controller IC 8-SOIC |
| Control Features                | Enable                                    | Clock Sync                       | No                                                                                                |
| Base Part Number                | MAX1771                                   |                                  |                                                                                                   |

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