

MAX859CSA+



Part Number: [MAX859CSA+](#)

Manufacturer: [Maxim Integrated](#)

Description: IC REG BOOST ADJ 125MA 8SOIC

Data sheet:  [MAX856-859](#)  
 [Part Numbering System](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

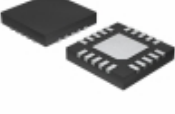
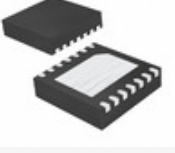
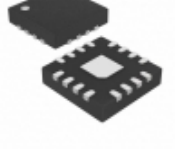
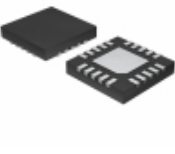
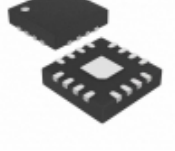
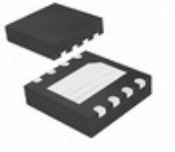
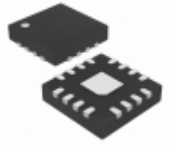
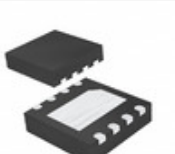
Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                |                                           |                                 |                                                                                                             |
|----------------------------------|-------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------|
| Part Number                      | MAX859CSA+                                | Manufacturer                    | <a href="#">Maxim Integrated</a>                                                                            |
| Description                      | IC REG BOOST ADJ 125MA 8SOIC              | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                  |
| Quantity Available               | 32777 pcs                                 | Data sheet                      | <a href="#">MAX856-859</a><br><a href="#">Part Numbering System</a>                                         |
| Category                         | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Output (Min/Fixed)    | 2.7V                                                                                                        |
| Voltage - Output (Max)           | 6V                                        | Voltage - Input (Min)           | 0.8V                                                                                                        |
| Voltage - Input (Max)            | 6V                                        | Topology                        | Boost                                                                                                       |
| Synchronous Rectifier            | No                                        | Supplier Device Package         | 8-SOIC                                                                                                      |
| Series                           | -                                         | Packaging                       | Tube                                                                                                        |
| Package / Case                   | 8-SOIC (0.154", 3.90mm Width)             | Output Type                     | Adjustable                                                                                                  |
| Output Configuration             | Positive                                  | 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                        | Step-Up                                                                                                     |
| Frequency - Switching            | 500kHz                                    | Detailed Description            | Boost Switching Regulator IC Positive Adjustable 2.7V 1 Output 125mA (Switch) 8-SOIC (0.154", 3.90mm Width) |
| Current - Output                 | 125mA (Switch)                            | Base Part Number                | MAX859                                                                                                      |

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|  | Part#: <a href="#">MAX8600EVSYS#</a><br>Description: EVAL KIT FOR PULSE OXIMETER       | Manufacturers: <a href="#">Maxim Integrated</a>       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX8598ETE+</a><br>Description: IC REG CTRLR BUCK 16TQFN            | Manufacturers: <a href="#">Maxim Integrated</a>       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX85K000B</a><br>Description: RES 85K OHM 0.1% 0.3W RADIAL         | Manufacturers: <a href="#">Vishay Precision Group</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX8597ETP+T</a><br>Description: IC REG CTRLR BUCK 20-TQFN          | Manufacturers: <a href="#">Maxim Integrated</a>       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX859CSA+T</a><br>Description: IC REG BOOST ADJ 125MA 8SOIC        | Manufacturers: <a href="#">Maxim Integrated</a>       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX8600EFD+</a><br>Description: PULSE OXIMETER MOBILE               | Manufacturers: <a href="#">Maxim Integrated</a>       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX8598ETE+T</a><br>Description: IC REG CTRLR BUCK 16TQFN           | Manufacturers: <a href="#">Maxim Integrated</a>       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX85K100B</a><br>Description: RES 85.1K OHM 0.1% 0.3W RADIAL       | Manufacturers: <a href="#">Vishay Precision Group</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX8600AETD+T</a><br>Description: IC BATTERY CHARGER SGL 14TDFN     | Manufacturers: <a href="#">Maxim Integrated</a>       | <a href="#">RFQ</a> |
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