

MAX16903SATB50/V+T



Part Number: [MAX16903SATB50/V+T](#)

Manufacturer: [Maxim Integrated](#)

Description: IC REG BUCK 5V 1A SYNC 10TDFN

Data sheet:  [MAX16903](#)  
 [Part Numbering System](#)

RoHs Status: Lead free / RoHS Compliant

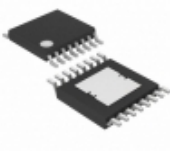
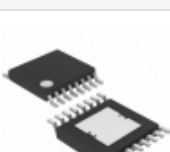
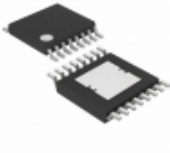
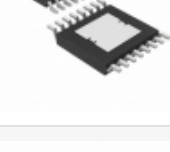
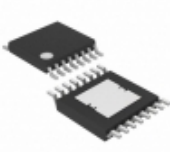
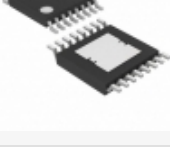
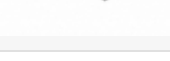
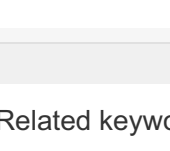
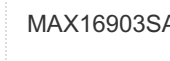
Ship From: Hong Kong

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

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                 |                                           |                                 |                                                                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|--------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                       | MAX16903SATB50/V+T                        | Manufacturer                    | <a href="#">Maxim Integrated</a>                                               |
| Description                                                                                                                                                                                                                                                                                                                                                                                                       | IC REG BUCK 5V 1A SYNC 10TDFN             | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                | 31317 pcs                                 | Data sheet                      | <a href="#">MAX16903</a><br><a href="#">Part Numbering System</a>              |
| Category                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Output (Min/Fixed)    | 5V                                                                             |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                            | -                                         | Voltage - Input (Min)           | 3.5V                                                                           |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                             | 28V                                       | Topology                        | Buck                                                                           |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                             | Yes                                       | Supplier Device Package         | 10-TDFN-EP (3x3)                                                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                            | Automotive, AEC-Q100                      | Packaging                       | Tape & Reel (TR)                                                               |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                    | 10-WFDFN Exposed Pad                      | Output Type                     | Fixed                                                                          |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                              | Positive                                  | Operating Temperature           | -40°C ~ 125°C (TJ)                                                             |
| 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-Down                                                                      |
| Frequency - Switching                                                                                                                                                                                                                                                                                                                                                                                             | 2.1MHz                                    | Detailed Description            | Buck Switching Regulator IC Positive Fixed 5V 1 Output 1A 10-WFDFN Exposed Pad |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                  | 1A                                        | Base Part Number                | MAX16903                                                                       |
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|  | Part#: <a href="#">MAX16903RAUE33+</a><br>Description: 2.1MHZ, HIGH-VOLTAGE, 1A MINI-BU    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX16903SA50/V+TCJ</a><br>Description: IC MINI BUCK CONVERTER 2.1MHZ TS | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX16903SAUE50/V+</a><br>Description: IC REG BUCK 5V 1A SYNC 16TSSOP    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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