

MAX15027ATB+T



Part Number: [MAX15027ATB+T](#)

Manufacturer: [Maxim Integrated](#)

Description: IC REG LINEAR POS ADJ 1A 10TDFN

Data sheet:  [Part Numbering System](#)  
 [MAX15027-28](#)

RoHs Status: Lead free / RoHS Compliant

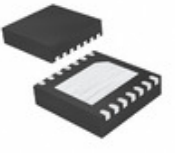
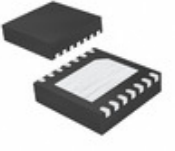
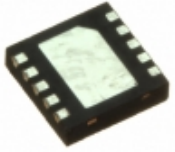
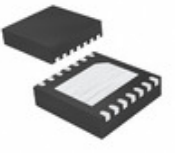
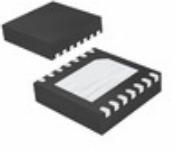
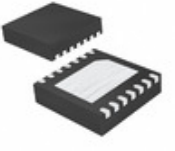
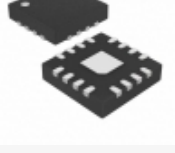
Ship From: Hong Kong

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                                                                                                                                                                                                                                                                                                                                                                                                                                                 | MAX15027ATB+T                                                                              | Manufacturer                     | <a href="#">Maxim Integrated</a>                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                 | IC REG LINEAR POS ADJ 1A 10TDFN                                                            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                          | 92674 pcs                                                                                  | Data sheet                       | <a href="#">Part Numbering System</a><br><a href="#">MAX15027-28</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Integrated Circuits (ICs)</a>                                                  | Voltage Dropout (Max)            | 0.225V @ 1A                                                          |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                                | 0.5V                                                                                       | Voltage - Output (Max)           | 3.3V                                                                 |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                       | 3.6V                                                                                       | Supplier Device Package          | 10-TDFN-EP (3x3)                                                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -                                                                                          | Protection Features              | Over Temperature, Short Circuit                                      |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Tape & Reel (TR)                                                                           | Package / Case                   | 10-WDFDN Exposed Pad                                                 |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -                                                                                          | Output Type                      | Adjustable                                                           |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                        | Positive                                                                                   | Other Names                      | MAX15027ATB+T-ND<br>MAX15027ATB+TTR<br>MAX15027ATBT                  |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                       | -40°C ~ 125°C                                                                              | Number of Regulators             | 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                                           |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                        | Linear Voltage Regulator IC Positive Adjustable 1 Output 0.5 V ~ 3.3 V 1A 10-TDFN-EP (3x3) | Current - Supply (Max)           | 560µA                                                                |
| Current - Quiescent (Iq)                                                                                                                                                                                                                                                                                                                                                                                                                                    | 410µA                                                                                      | Current - Output                 | 1A                                                                   |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                            | Enable, Soft Start                                                                         | Base Part Number                 | MAX15027                                                             |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                                 |                |
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|  | Part#: <a href="#">MAX15029AGAVS+</a><br>Description: IC REGULATOR                     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX15028ATB/V+T</a><br>Description: IC REG LINEAR POS ADJ 1A 10TDFN | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX15027ATB/V+T</a><br>Description: IC REG LINEAR POS ADJ 1A 10TDFN | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX15026DATD+T</a><br>Description: IC REG CTRLR BUCK 14TDFN         | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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