

MAX5052AEUA+



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**Part Number:** [MAX5052AEUA+](#)  
**Manufacturer:** [Maxim Integrated](#)  
**Description:** IC REG CTRLR BST ISO PWM 8-UMAX  
**Data sheet:**  [MAX5052-53](#)  
 [Part Numbering System](#)

**RoHs Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                                 |                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|---------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                | MAX5052AEUA+                              | Manufacturer                    | <a href="#">Maxim Integrated</a>                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC REG CTRLR BST ISO PWM 8-UMAX           | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                         | 58526 pcs                                 | Data sheet                      | <a href="#">MAX5052-53</a><br><a href="#">Part Numbering System</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)      | 10.8 V ~ 24 V                                                       |
| Voltage - Start Up                                                                                                                                                                                                                                                                                                                                                                                                                                         | 22V                                       | Voltage - Breakdown             | -                                                                   |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Boost, Flyback, SEPIC                     | Supplier Device Package         | 8-UMAX                                                              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                         | Packaging                       | Tube                                                                |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                             | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)    | Output Isolation                | Either                                                              |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                      | -40°C ~ 150°C (TJ)                        | 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                | Internal Switch(s)              | No                                                                  |
| Frequency - Switching                                                                                                                                                                                                                                                                                                                                                                                                                                      | 262kHz                                    | Fault Protection                | Current Limiting, Over Temperature                                  |
| Duty Cycle                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 50%                                       | Detailed Description            | Converter Offline Boost, Flyback, SEPIC Topology 262kHz 8-uMAX      |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                           | EN                                        | Base Part Number                | MAX5052                                                             |
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