

MAX1876AEEG+T



Part Number: [MAX1876AEEG+T](#)

Manufacturer: [Maxim Integrated](#)

Description: IC REG CTRLR BUCK 24QSOP

Data sheet:  [MAX1858A,1875A,76A](#)  
 [Part Numbering System](#)

RoHs Status: Lead free / RoHS Compliant

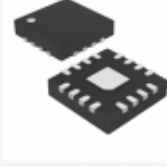
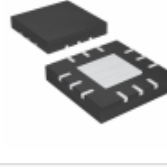
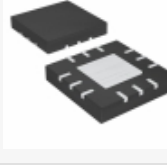
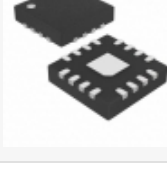
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                      |                                 |                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|---------------------------------|-----------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                 | MAX1876AEEG+T                                                        | Manufacturer                    | <a href="#">Maxim Integrated</a>                                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                 | IC REG CTRLR BUCK 24QSOP                                             | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                          | 34959 pcs                                                            | Data sheet                      | <a href="#">MAX1858A,1875A,76A</a><br><a href="#">Part Numbering System</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Integrated Circuits (ICs)</a>                            | Voltage - Supply (Vcc/Vdd)      | 4.5 V ~ 23 V                                                                |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Buck                                                                 | Synchronous Rectifier           | Yes                                                                         |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                     | 24-QSOP                                                              | Series                          | -                                                                           |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                                           | -                                                                    | Packaging                       | Tape & Reel (TR)                                                            |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                              | 24-SSOP (0.154", 3.90mm Width)                                       | Output Type                     | Transistor Driver                                                           |
| Output Phases                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2                                                                    | Output Configuration            | Positive                                                                    |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                       | -40°C ~ 85°C (TA)                                                    | Number of Outputs               | 2                                                                           |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                       | 100kHz ~ 600kHz                                                      | Duty Cycle (Max)                | -                                                                           |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                        | Buck Regulator Positive Output Step-Down DC-DC Controller IC 24-QSOP | Control Features                | Current Limit, Enable, Frequency Control, Reset                             |
| Clock Sync                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Yes                                                                  | Base Part Number                | MAX1876                                                                     |
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