

MAX8597ETP+T



Part Number: [MAX8597ETP+T](#)

Manufacturer: [Maxim Integrated](#)

Description: IC REG CTRLR BUCK 20-TQFN

Data sheet:  [MAX8597-99](#)  
 [Part Numbering System](#)

RoHs Status: Lead free / RoHS Compliant

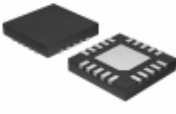
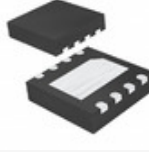
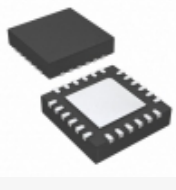
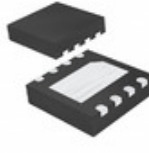
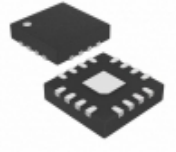
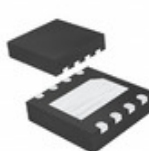
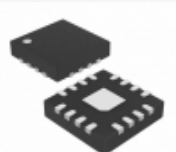
Ship From: Hong Kong

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Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                            |                                 |                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|---------------------------------|---------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                | MAX8597ETP+T                                                               | Manufacturer                    | <a href="#">Maxim Integrated</a>                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC REG CTRLR BUCK 20-TQFN                                                  | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                         | 37574 pcs                                                                  | Data sheet                      | <a href="#">MAX8597-99</a><br><a href="#">Part Numbering System</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a>                                  | Voltage - Supply (Vcc/Vdd)      | 4.5 V ~ 28 V                                                        |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Buck                                                                       | Synchronous Rectifier           | Yes                                                                 |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                    | 20-TQFN (4x4)                                                              | Series                          | -                                                                   |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                                          | -                                                                          | Packaging                       | Tape & Reel (TR)                                                    |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                             | 20-WFQFN Exposed Pad                                                       | Output Type                     | Transistor Driver                                                   |
| Output Phases                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1                                                                          | Output Configuration            | Positive                                                            |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                      | -40°C ~ 85°C (TA)                                                          | Number of Outputs               | 1                                                                   |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                      | 200kHz ~ 1.4MHz                                                            | Duty Cycle (Max)                | -                                                                   |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                       | Buck Regulator Positive Output Step-Down DC-DC Controller IC 20-TQFN (4x4) | Control Features                | Current Limit, Enable, Frequency Control, Soft Start                |
| Clock Sync                                                                                                                                                                                                                                                                                                                                                                                                                                                 | No                                                                         | Base Part Number                | MAX8597                                                             |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                       |                |
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|  | Part#: <a href="#">MAX8595YETA+T</a><br>Description: IC LED DRVR RGLTR DIM 25MA 8TDFN | Manufacturers: <a href="#">Maxim Integrated</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">MAX859CUA+</a><br>Description: IC REG BOOST ADJ 125MA 8UMAX        | Manufacturers: <a href="#">Maxim Integrated</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">MAX8594ETG+</a><br>Description: IC PMIC WDC-DC SUP 24-TQFN         | Manufacturers: <a href="#">Maxim Integrated</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">MAX8595ZETA+T</a><br>Description: IC LED DRVR RGLTR DIM 25MA 8TDFN | Manufacturers: <a href="#">Maxim Integrated</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">MAX85K100B</a><br>Description: RES 85.1K OHM 0.1% 0.3W RADIAL      | Manufacturers: <a href="#">Vishay Precision Group</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX8598ETE+</a><br>Description: IC REG CTRLR BUCK 16TQFN           | Manufacturers: <a href="#">Maxim Integrated</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">MAX8595XETA+</a><br>Description: IC LED DRVR RGLTR DIM 25MA 8TDFN  | Manufacturers: <a href="#">Maxim Integrated</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">MAX8596ZETA+T</a><br>Description: IC LED DRVR RGLTR DIM 25MA 8TDFN | Manufacturers: <a href="#">Maxim Integrated</a>       | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX859ESA+</a><br>Description: IC REG BOOST ADJ 125MA 8SOIC        | Manufacturers: <a href="#">Maxim Integrated</a>       | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX8596XETA+T</a><br>Description: IC LED DRVR RGLTR DIM 25MA 8TDFN | Manufacturers: <a href="#">Maxim Integrated</a>       | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX85K000B</a><br>Description: RES 85K OHM 0.1% 0.3W RADIAL        | Manufacturers: <a href="#">Vishay Precision Group</a> | <div>RFQ</div> |

Related keywords for MAX8597ETP+T

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