

MAX8654ETX+



Images are for reference only.  
See Product Specifications for product details.  
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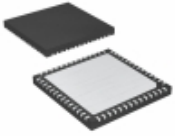
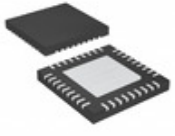
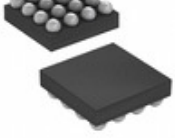
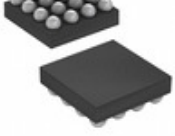
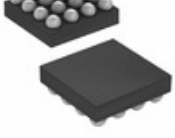
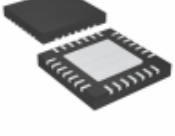
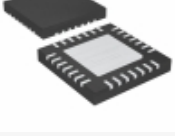
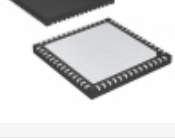


**Part Number:** [MAX8654ETX+](#)  
**Manufacturer:** [Maxim Integrated](#)  
**Description:** IC REG BUCK ADJ 8A 36TQFN  
**Data sheet:**  [Part Numbering System](#)  
 [MAX8654](#)  
 [EE-Sim Design, Simulation Environment Guide](#)

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

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                           |                                 |                                                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                               | MAX8654ETX+                               | Manufacturer                    | <a href="#">Maxim Integrated</a>                                                                                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC REG BUCK ADJ 8A 36TQFN                 | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                        | 14763 pcs                                 | Data sheet                      | <a href="#">Part Numbering System</a><br><a href="#">MAX8654</a><br><a href="#">EE-Sim Design, Simulation Environment Guide</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Output (Min/Fixed)    | 0.6V                                                                                                                            |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                    | 11.9V                                     | Voltage - Input (Min)           | 4.5V                                                                                                                            |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                     | 14V                                       | Topology                        | Buck                                                                                                                            |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                                                     | No                                        | Supplier Device Package         | 36-TQFN (6x6)                                                                                                                   |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                         | Packaging                       | Tube                                                                                                                            |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                            | 36-WFQFN Exposed Pad                      | Output Type                     | Adjustable                                                                                                                      |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                      | Positive                                  | Operating Temperature           | -40°C ~ 85°C (TA)                                                                                                               |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                     | 250kHz ~ 1.2MHz                           | Detailed Description            | Buck Switching Regulator IC Positive Adjustable 0.6V 1 Output 8A 36-WFQFN Exposed Pad                                           |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                                          | 8A                                        | Base Part Number                | MAX8654                                                                                                                         |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Maxim Integrated series electronic components. We have 14763 pieces of Maxim Integrated MAX8654ETX+ in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                 |                                                                                                                                 |

| RELATED PRODUCTS                                                                   |                                                                                       |                                                 |                     |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------|---------------------|
|  | Part#: <a href="#">MAX8655ETN+T</a><br>Description: IC REG BUCK ADJ 25A 56TQFN        | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX8654ETX+T</a><br>Description: IC REG BUCK ADJ 8A 36TQFN         | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX864EEE+</a><br>Description: IC REG SWTCHD CAP INV DL 16QSOP     | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX8654EVKIT+</a><br>Description: EVAL KIT MAX8654, MAX8688        | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX865EUA+T</a><br>Description: IC REG SWTCHD CAP INV 20MA 8UMAX   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX8650EEG+</a><br>Description: IC REG CTRLR BUCK 24QSOP           | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX8649EWE+T</a><br>Description: IC REG BUCK PROG 1.8A SYNC 16WLP  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX8649SEWE+T</a><br>Description: IC REG BUCK PROG 1.8A SYNC 16WLP | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX8649BEWE+T</a><br>Description: IC REG BUCK PROG 1.8A SYNC 16WLP | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX864EEE+T</a><br>Description: IC REG SWTCHD CAP INV DL 16QSOP    | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX8653ETI+T</a><br>Description: IC REG CTRLR BUCK 28TQFN          | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX8655ETN+TW</a><br>Description: IC REG BUCK ADJ 25A 56TQFN       | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX8655EVKIT+</a><br>Description: KIT EVAL FOR MAX8655             | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX8653ETI+</a><br>Description: IC REG CTRLR BUCK 28TQFN           | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX8655ETN+W</a><br>Description: IC REG BUCK ADJ 25A 56TQFN        | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX865EUA</a><br>Description: IC REG SWTCHD CAP INV 20MA 8UMAX     | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX8650EEG+T</a><br>Description: IC REG CTRLR BUCK 24QSOP          | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX865EUA+</a><br>Description: IC REG SWTCHD CAP INV 20MA 8UMAX    | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX8653EVKIT+</a><br>Description: KIT EVAL FOR MAX8653             | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
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| Related keywords for MAX8654ETX+ |                         |                      |                   |
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