

MAX1842EEE+



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**Part Number:** [MAX1842EEE+](#)  
**Manufacturer:** [Maxim Integrated](#)  
**Description:** IC REG BUCK ADJ/PROG 1A 16QSOP  
**Data sheet:**  [MAX1742](#)  
 [Part Numbering System](#)

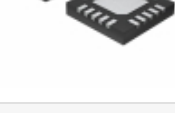
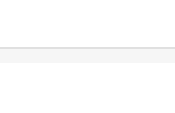
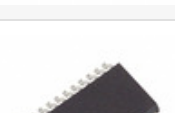
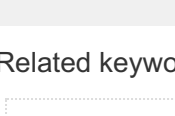
**RoHs Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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| PRODUCT PARAMETER                |                                           |                                 |                                                                                                                                   |
|----------------------------------|-------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Part Number                      | MAX1842EEE+                               | Manufacturer                    | <a href="#">Maxim Integrated</a>                                                                                                  |
| Description                      | IC REG BUCK ADJ/PROG 1A 16QSOP            | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                        |
| Quantity Available               | 20355 pcs                                 | Data sheet                      | <a href="#">MAX1742</a><br><a href="#">Part Numbering System</a>                                                                  |
| Category                         | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Output (Min/Fixed)    | 1.1V (1.5V, 1.8V, 2.5V)                                                                                                           |
| Voltage - Output (Max)           | 5.5V                                      | Voltage - Input (Min)           | 3V                                                                                                                                |
| Voltage - Input (Max)            | 5.5V                                      | Topology                        | Buck                                                                                                                              |
| Synchronous Rectifier            | Yes                                       | Supplier Device Package         | 16-QSOP                                                                                                                           |
| Series                           | -                                         | Packaging                       | Tube                                                                                                                              |
| Package / Case                   | 16-SSOP (0.154", 3.90mm Width)            | Output Type                     | Adjustable (Programmable)                                                                                                         |
| 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            | 1MHz                                      | Detailed Description            | Buck Switching Regulator IC Positive Adjustable (Programmable) 1.1V (1.5V, 1.8V, 2.5V) 1 Output 1A 16-SSOP (0.154", 3.90mm Width) |
| Current - Output                 | 1A                                        | Base Part Number                | MAX1842                                                                                                                           |

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|  | Part#: <a href="#">MAX1841EUB</a><br>Description: IC XLATR SIM/SMART-CARD 10-UMAX    | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">MAX183BCWG+</a><br>Description: IC ADC 12BIT HS 24-SOIC           | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1845EEI</a><br>Description: IC REG CTRLR BUCK 28QSOP           | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1845EEI+</a><br>Description: IC REG CTRLR BUCK 28QSOP          | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
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