



MAX1831EEE+

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MAX1831EEE+                                                                                                  |
| Manufacturer/Brand: | Maxim Integrated                                                                                             |
| Product description | IC REG BUCK ADJ/PROG 3A 16QSOP                                                                               |
| Datasheets:         | <a href="#">1.MAX1831EEE+.pdf</a><br><a href="#">2.MAX1831EEE+.pdf</a>                                       |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MAX1831EEE+

|                                  |                                                                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MAX1831EEE+                                                                                                                       |
| MANUFACTURER                     | Maxim Integrated                                                                                                                  |
| DESCRIPTION                      | IC REG BUCK ADJ/PROG 3A 16QSOP                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                        |
| DATA SHEET                       | <a href="#">1.MAX1831EEE+.pdf</a><br><a href="#">2.MAX1831EEE+.pdf</a>                                                            |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 1.1V (1.5V, 2.5V, 3.3V)                                                                                                           |
| 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, 2.5V, 3.3V) 1 Output 3A 16-SSOP (0.154", 3.90mm Width) |
| CURRENT - OUTPUT                 | 3A                                                                                                                                |
| BASE PART NUMBER                 | MAX1831                                                                                                                           |

Related Tags

|                              |                                |                                  |
|------------------------------|--------------------------------|----------------------------------|
| Maxim Integrated MAX1831EEE+ | MAX1831EEE+ Distributor        | MAX1831EEE+ Supplier             |
| MAX1831EEE+ Price            | MAX1831EEE+ Pictures           | MAX1831EEE+ Image                |
| MAX1831EEE+ PDF Datasheet    | MAX1831EEE+ Download Datasheet | MAX1831EEE+ Datasheet            |
| MAX1831EEE+ Stock            | Buy MAX1831EEE+                | Buy Maxim Integrated MAX1831EEE+ |
| Maxim Integrated MAX1831EEE+ | Maxim Integrated Supplier      | Maxim Integrated Distributor     |
| Maxim Integrated MAX1831EEE+ |                                |                                  |

Related Products

|                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>MAX182BEWI+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC ADC 12BIT W/ T/H 28-SOIC<br/>In stock: 28 pcs<br/><div>RFQ</div></div>            | <div></div> <div><b>MAX1832EUT#G16</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC REG LIN POS 500MA SOT23<br/>In stock: Out stock<br/><div>RFQ</div></div>        |
| <div></div> <div><b>MAX1832EUT#TG16</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC REG BST ADJ 1A SYNC SOT23<br/>In stock: Out stock<br/><div>RFQ</div></div>    | <div></div> <div><b>MAX1833EUT#G16</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC REG LIN POS 500MA SOT23<br/>In stock: Out stock<br/><div>RFQ</div></div>        |
| <div></div> <div><b>MAX1833ETT30+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC REG BOOST 3V 0.15A SYNC 6TDFN<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>MAX1833EUT#TG16</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC REG BST 3.3V 0.15A SYNC SOT23<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>MAX1831EEE</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC REG BUCK ADJ/PROG 3A 16QSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>       | <div></div> <div><b>MAX1830EEE+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC REG BUCK ADJ/PROG 3A 16QSOP<br/>In stock: 709 pcs<br/><div>RFQ</div></div>         |
| <div></div> <div><b>MAX1831EEE+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC REG BUCK ADJ/PROG 3A 16QSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>     | <div></div> <div><b>MAX182BEWI+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC ADC 12BIT W/ T/H 28-SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>         |
| <div></div> <div><b>MAX1830EEE+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC REG BUCK ADJ/PROG 3A 16QSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>     | <div></div> <div><b>MAX182BEWI</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC ADC 4CH 12BIT CALIBRTD 28SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>      |