



MAX1945REUI+T

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MAX1945REUI+T                                                                                                |
| Manufacturer/Brand: | Maxim Integrated                                                                                             |
| Product description | IC REG BUCK ADJ/PROG 6A 28TSSOP                                                                              |
| Datasheets:         |  1.MAX1945REUI+T.pdf        |
|                     |  2.MAX1945REUI+T.pdf        |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

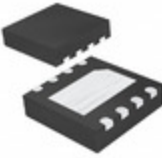
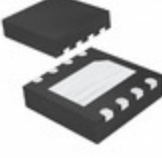
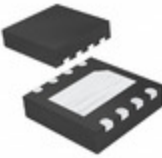
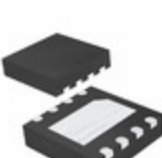
Specifications of MAX1945REUI+T

|                                  |                                                                                                                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MAX1945REUI+T                                                                                                                                                                                                      |
| MANUFACTURER                     | Maxim Integrated                                                                                                                                                                                                   |
| DESCRIPTION                      | IC REG BUCK ADJ/PROG 6A 28TSSOP                                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                         |
| DATA SHEET                       |  1.MAX1945REUI+T.pdf<br> 2.MAX1945REUI+T.pdf |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 0.8V (1.8V, 2.5V)                                                                                                                                                                                                  |
| VOLTAGE - OUTPUT (MAX)           | 4.68V                                                                                                                                                                                                              |
| VOLTAGE - INPUT (MIN)            | 2.6V                                                                                                                                                                                                               |
| VOLTAGE - INPUT (MAX)            | 5.5V                                                                                                                                                                                                               |
| TOPOLOGY                         | Buck                                                                                                                                                                                                               |
| SYNCHRONOUS RECTIFIER            | No                                                                                                                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 28-TSSOP-EP                                                                                                                                                                                                        |
| SERIES                           | -                                                                                                                                                                                                                  |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                   |
| PACKAGE / CASE                   | 28-TSSOP (0.173", 4.40mm Width) Exposed Pad                                                                                                                                                                        |
| 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            | 400kHz ~ 1.2MHz                                                                                                                                                                                                    |
| DETAILED DESCRIPTION             | Buck Switching Regulator IC Positive Adjustable (Programmable) 0.8V (1.8V, 2.5V) 1 Output 6A 28-TSSOP (0.173", 4.40mm Width) Exposed Pad                                                                           |
| CURRENT - OUTPUT                 | 6A                                                                                                                                                                                                                 |
| BASE PART NUMBER                 | MAX1945                                                                                                                                                                                                            |

Related Tags

|                                |                                  |                                    |
|--------------------------------|----------------------------------|------------------------------------|
| Maxim Integrated MAX1945REUI+T | MAX1945REUI+T Distributor        | MAX1945REUI+T Supplier             |
| MAX1945REUI+T Price            | MAX1945REUI+T Pictures           | MAX1945REUI+T Image                |
| MAX1945REUI+T PDF Datasheet    | MAX1945REUI+T Download Datasheet | MAX1945REUI+T Datasheet            |
| MAX1945REUI+T Stock            | Buy MAX1945REUI+T                | Buy Maxim Integrated MAX1945REUI+T |
| Maxim Integrated MAX1945REUI+T | Maxim Integrated Supplier        | Maxim Integrated Distributor       |
| Maxim Integrated MAX1945REUI+T |                                  |                                    |

Related Products

|                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>MAX1938EVKIT</b><br/>Manufacturers: Maxim Integrated<br/>Description: EVAL KIT FOR MAX1938<br/>In stock: Out stock<br/>RFQ</div>              | <div></div> <div><b>MAX1946ETA+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SW USB SNGL W/FB 8-TDFN<br/>In stock: Out stock<br/>RFQ</div>         |
| <div></div> <div><b>MAX1947ETA18+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC REG BST 1.8V 273MA SYNC 8TDFN<br/>In stock: Out stock<br/>RFQ</div> | <div></div> <div><b>MAX1945REUI+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC REG BUCK ADJ/PROG 6A 28TSSOP<br/>In stock: 40 pcs<br/>RFQ</div>       |
| <div></div> <div><b>MAX1940EEE+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SW USB TRPL 16-QSOP<br/>In stock: 10 pcs<br/>RFQ</div>                | <div></div> <div><b>MAX1947ETA18+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC REG BST 1.8V 273MA SYNC 8TDFN<br/>In stock: Out stock<br/>RFQ</div> |
| <div></div> <div><b>MAX1940EEE+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SW USB TRPL 16-QSOP<br/>In stock: Out stock<br/>RFQ</div>            | <div></div> <div><b>MAX1937EEI+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC REG CTRLR BUCK 28QSOP<br/>In stock: 250 pcs<br/>RFQ</div>              |
| <div></div> <div><b>MAX1945SEUI+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC REG BUCK ADJ/PROG 6A 28TSSOP<br/>In stock: Out stock<br/>RFQ</div>  | <div></div> <div><b>MAX1937EEI+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC REG CTRLR BUCK 28QSOP<br/>In stock: Out stock<br/>RFQ</div>           |
| <div></div> <div><b>MAX1947ETA25+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC REG BST 2.5V 214MA SYNC 8TDFN<br/>In stock: 67 pcs<br/>RFQ</div>    | <div></div> <div><b>MAX1945SEUI+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC REG BUCK ADJ/PROG 6A 28TSSOP<br/>In stock: 100 pcs<br/>RFQ</div>      |