



MAX742EWP+T

Part Number:MAX742EWP+T

Manufacturer/Brand:Maxim Integrated

Product description:IC REG CTRLR BOOST 20SOIC

1..MAX742EWP+T.pdf2..MAX742EWP+T.pdf

Lead free / RoHS Compliant

Ship From:Hong Kong

Shipment Way:DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of MAX742EWP+T

|                                  |                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------|
| PART NUMBER                      | MAX742EWP+T                                                                     |
| MANUFACTURER                     | Maxim Integrated                                                                |
| DESCRIPTION                      | IC REG CTRLR BOOST 20SOIC                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                      |
| DATA SHEET                       | 1..MAX742EWP+T.pdf2..MAX742EWP+T.pdf                                            |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.2 V ~ 10 V                                                                    |
| TOPOLOGY                         | Boost                                                                           |
| SYNCHRONOUS RECTIFIER            | No                                                                              |
| SUPPLIER DEVICE PACKAGE          | 20-SOIC                                                                         |
| SERIES                           | -                                                                               |
| SERIAL INTERFACES                | -                                                                               |
| PACKAGING                        | Tape & Reel (TR)                                                                |
| PACKAGE / CASE                   | 20-SOIC (0.295", 7.50mm Width)                                                  |
| OUTPUT TYPE                      | Transistor Driver                                                               |
| OUTPUT PHASES                    | 1                                                                               |
| OUTPUT CONFIGURATION             | Positive or Negative                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                               |
| NUMBER OF OUTPUTS                | 2                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                      |
| FUNCTION                         | Step-Up                                                                         |
| FREQUENCY - SWITCHING            | 100kHz, 200kHz                                                                  |
| DUTY CYCLE (MAX)                 | 90%                                                                             |
| DETAILED DESCRIPTION             | Boost Regulator Positive or Negative Output Step-Up DC-DC Controller IC 20-SOIC |
| CONTROL FEATURES                 | Frequency Control, Soft Start                                                   |
| CLOCK SYNC                       | No                                                                              |
| BASE PART NUMBER                 | MAX742                                                                          |

Related Tags

|                              |                                |                                  |
|------------------------------|--------------------------------|----------------------------------|
| Maxim Integrated MAX742EWP+T | MAX742EWP+T Distributor        | MAX742EWP+T Supplier             |
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| MAX742EWP+T PDF Datasheet    | MAX742EWP+T Download Datasheet | MAX742EWP+T Datasheet            |
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| <div><div>MAX7430EUB+</div><div>Manufacturers: Maxim Integrated</div><div>Description: IC FILTER VIDEO SD 10UMAX</div><div>In stock: 8 pcs</div><div>RFQ</div></div>        | <div><div>MAX7432EUD+</div><div>Manufacturers: Maxim Integrated</div><div>Description: IC FILTER VIDEO SD 14-TSSOP</div><div>In stock: Out stock</div><div>RFQ</div></div> |
| <div><div>MAX7432EVC16</div><div>Manufacturers: Maxim Integrated</div><div>Description: EVAL KIT FOR MAX7432</div><div>In stock: Out stock</div><div>RFQ</div></div>        | <div><div>MAX742CWP+T</div><div>Manufacturers: Maxim Integrated</div><div>Description: IC REG CTRLR BOOST 20SOIC</div><div>In stock: Out stock</div><div>RFQ</div></div>   |
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