



MAX16990ATCE/V+T

|                     |                                                                                                                                                                                                                                                 |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MAX16990ATCE/V+T                                                                                                                                                                                                                                |
| Manufacturer/Brand: | Maxim Integrated                                                                                                                                                                                                                                |
| Product description | IC REG CTRLR BOOST/SEPIC 12TQFN                                                                                                                                                                                                                 |
| Datasheets:         | <div><div>1.MAX16990ATCE/V+T.pdf</div><div>2.MAX16990ATCE/V+T.pdf</div></div> |
| RoHs Status         | <div>Lead free / RoHS Compliant</div>                                                                                                                          |
| Stock Condition     | 47042 pcs stock                                                                                                                                                                                                                                 |
| Ship From           | Hong Kong                                                                                                                                                                                                                                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                           |

REQUEST FOR QUOTATION

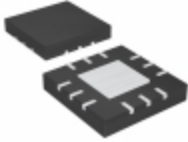
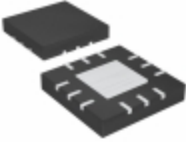
Specifications of MAX16990ATCE/V+T

|                                  |                                                                                                                                                                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MAX16990ATCE/V+T                                                                                                                                                                                                                                    |
| MANUFACTURER                     | Maxim Integrated                                                                                                                                                                                                                                    |
| DESCRIPTION                      | IC REG CTRLR BOOST/SEPIC 12TQFN                                                                                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                          |
| QUANTITY AVAILABLE               | 47042 pcs                                                                                                                                                                                                                                           |
| DATA SHEET                       | <div><div>1.MAX16990ATCE/V+T.pdf</div><div>2.MAX16990ATCE/V+T.pdf</div></div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.5 V ~ 36 V                                                                                                                                                                                                                                        |
| TOPOLOGY                         | Boost, SEPIC                                                                                                                                                                                                                                        |
| SYNCHRONOUS RECTIFIER            | No                                                                                                                                                                                                                                                  |
| SUPPLIER DEVICE PACKAGE          | 12-TQFN (3x3)                                                                                                                                                                                                                                       |
| SERIES                           | Automotive, AEC-Q100                                                                                                                                                                                                                                |
| SERIAL INTERFACES                | -                                                                                                                                                                                                                                                   |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                                    |
| PACKAGE / CASE                   | 12-WFQFN Exposed Pad                                                                                                                                                                                                                                |
| OUTPUT TYPE                      | Transistor Driver                                                                                                                                                                                                                                   |
| OUTPUT PHASES                    | 1                                                                                                                                                                                                                                                   |
| OUTPUT CONFIGURATION             | Positive                                                                                                                                                                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TJ)                                                                                                                                                                                                                                  |
| NUMBER OF OUTPUTS                | 1                                                                                                                                                                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                          |
| FUNCTION                         | Step-Up, Step-Up/Step-Down                                                                                                                                                                                                                          |
| FREQUENCY - SWITCHING            | 220kHz ~ 1MHz                                                                                                                                                                                                                                       |
| DUTY CYCLE (MAX)                 | 93%                                                                                                                                                                                                                                                 |
| DETAILED DESCRIPTION             | Boost, SEPIC Regulator Positive Output Step-Up, Step-Up/Step-Down DC-DC Controller IC 12-TQFN (3x3)                                                                                                                                                 |
| CONTROL FEATURES                 | Current Limit, Enable, Frequency Control, Power Good                                                                                                                                                                                                |
| CLOCK SYNC                       | Yes                                                                                                                                                                                                                                                 |

Related Tags

|                                   |                                     |                                       |
|-----------------------------------|-------------------------------------|---------------------------------------|
| Maxim Integrated MAX16990ATCE/V+T | MAX16990ATCE/V+T Distributor        | MAX16990ATCE/V+T Supplier             |
| MAX16990ATCE/V+T Price            | MAX16990ATCE/V+T Pictures           | MAX16990ATCE/V+T Image                |
| MAX16990ATCE/V+T PDF Datasheet    | MAX16990ATCE/V+T Download Datasheet | MAX16990ATCE/V+T Datasheet            |
| MAX16990ATCE/V+T Stock            | Buy MAX16990ATCE/V+T                | Buy Maxim Integrated MAX16990ATCE/V+T |
| Maxim Integrated MAX16990ATCE/V+T | Maxim Integrated Supplier           | Maxim Integrated Distributor          |
| Maxim Integrated MAX16990ATCE/V+T |                                     |                                       |

Related Products

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| <div><div></div><div><b>MAX16990ATCF/V+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC REG CTRLR BOOST/SEPIC 12TQFN<br/>In stock: 47351 pcs<br/>RFQ</div></div> | <div><div></div><div><b>MAX16990AUBA/V+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC REG CTRLR BOOST/SEPIC 10UMAX<br/>In stock: 20664 pcs<br/>RFQ</div></div>  |
| <div><div></div><div><b>MAX16990ATCC/V+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC REG CTRLR BOOST/SEPIC 12TQFN<br/>In stock: 51330 pcs<br/>RFQ</div></div>  | <div><div></div><div><b>MAX16990ATCD/V+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC REG CTRLR BOOST/SEPIC 12TQFN<br/>In stock: 54290 pcs<br/>RFQ</div></div> |
| <div><div></div><div><b>MAX16990ATCF/V+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC REG CTRLR BOOST/SEPIC 12TQFN<br/>In stock: 51008 pcs<br/>RFQ</div></div>  | <div><div></div><div><b>MAX16990ATCC/V+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC REG CTRLR BOOST/SEPIC 12TQFN<br/>In stock: 47572 pcs<br/>RFQ</div></div> |
| <div><div></div><div><b>MAX16990AUBB/V+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC REG CTRLR BOOST/SEPIC 10UMAX<br/>In stock: 51003 pcs<br/>RFQ</div></div> | <div><div></div><div><b>MAX16990AUBA/V+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC REG CTRLR BOOST/SEPIC 10UMAX<br/>In stock: 57608 pcs<br/>RFQ</div></div> |
| <div><div></div><div><b>MAX16990ATCD/V+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC REG CTRLR BOOST/SEPIC 12TQFN<br/>In stock: 43523 pcs<br/>RFQ</div></div>  | <div><div></div><div><b>MAX16990AUBB/V+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC REG CTRLR BOOST/SEPIC 10UMAX<br/>In stock: 25485 pcs<br/>RFQ</div></div>  |
| <div><div></div><div><b>MAX1698EVKIT</b><br/>Manufacturers: Maxim Integrated<br/>Description: EVALUATION KIT FOR MAX1698<br/>In stock: 5478 pcs<br/>RFQ</div></div>           | <div><div></div><div><b>MAX16990ATCE/V+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC REG CTRLR BOOST/SEPIC 12TQFN<br/>In stock: 21830 pcs<br/>RFQ</div></div>  |