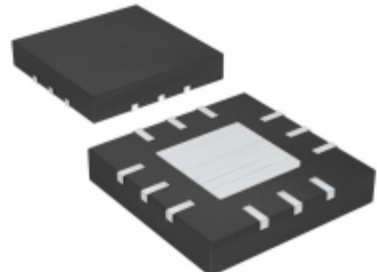


MAX16992ATCF/V+T





Part Number: [MAX16992ATCF/V+T](#)

Manufacturer: [Maxim Integrated](#)

Description: IC REG CTRLR BOOST/SEPIC 12TQFN

Data sheet:  [Part Numbering System](#)  
 [MAX16990,92](#)

RoHs Status: Lead free / RoHS Compliant

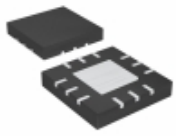
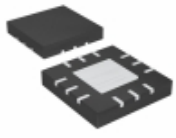
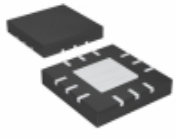
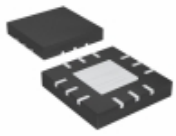
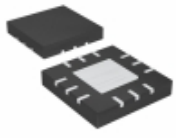
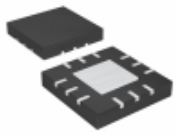
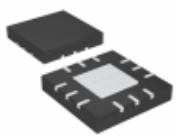
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                     |                                 |                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | MAX16992ATCF/V+T                                                                                    | Manufacturer                    | <a href="#">Maxim Integrated</a>                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                    | IC REG CTRLR BOOST/SEPIC 12TQFN                                                                     | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                             | 48418 pcs                                                                                           | Data sheet                      | <a href="#">Part Numbering System</a><br><a href="#">MAX16990,92</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <a href="#">Integrated Circuits (ICs)</a>                                                           | 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)                                                                                       | Manufacturer Standard Lead Time | 6 Weeks                                                              |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                 | Lead free / RoHS Compliant                                                                          | Function                        | Step-Up, Step-Up/Step-Down                                           |
| Frequency - Switching                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1MHz ~ 2.5MHz                                                                                       | Duty Cycle (Max)                | 85%                                                                  |
| 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                                                                                                 |                                 |                                                                      |
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| RELATED PRODUCTS                                                                   |                                                                                           |                                                 |                     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------|---------------------|
|  | Part#: <a href="#">MAX16992AUBA/V+T</a><br>Description: IC REG CTRLR BOOST/SEPIC 10UMAX   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX16993AGJAVY+T</a><br>Description: IC REG BUCK ADJ/PROG TRPL 32QFND  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX16992ATCC/V+T</a><br>Description: IC REG CTRLR BOOST/SEPIC 12TQFN   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX16992ATCD/V+T</a><br>Description: IC REG CTRLR BOOST/SEPIC 12TQFN   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX16992ATCD/V+</a><br>Description: IC REG CTRLR BOOST/SEPIC 12TQFN    | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX16992AUBB/V+T</a><br>Description: IC REG CTRLR BOOST/SEPIC 10UMAX   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX16993AGJC/VY+</a><br>Description: IC REG BUCK ADJ/PROG TRPL 32QFND  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX16992ATCE/V+T</a><br>Description: IC REG CTRLR BOOST/SEPIC 12TQFN   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX16992ATCC/V+</a><br>Description: IC REG CTRLR BOOST/SEPIC 12TQFN    | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX16992AUBB/V+</a><br>Description: IC REG CTRLR BOOST/SEPIC 10UMAX    | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX16992AUBA/V+</a><br>Description: IC REG CTRLR BOOST/SEPIC 10UMAX    | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX16990EVKIT#</a><br>Description: KIT EVALUATION MAX16990             | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX16992EVKIT#</a><br>Description: KIT EVALUATION MAX16990             | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX16993AGJB/VY+T</a><br>Description: IC REG BUCK ADJ/PROG TRPL 32QFND | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX16993AGJAVY+</a><br>Description: IC REG BUCK ADJ/PROG TRPL 32QFND   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX16993AGJB/VY+</a><br>Description: IC REG BUCK ADJ/PROG TRPL 32QFND  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX16992ATCE/V+</a><br>Description: IC REG CTRLR BOOST/SEPIC 12TQFN    | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX16990AUBB/V+</a><br>Description: IC REG CTRLR BOOST/SEPIC 10UMAX    | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX16992ATCF/V+</a><br>Description: IC REG CTRLR BOOST/SEPIC 12TQFN    | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX16990AUBB/V+T</a><br>Description: IC REG CTRLR BOOST/SEPIC 10UMAX   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |

Related keywords for MAX16992ATCF/V+T

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