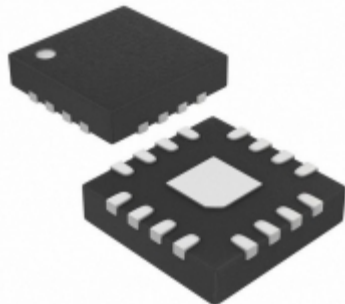


MAX5974DETE+TG2Z





Part Number: [MAX5974DETE+TG2Z](#)

Manufacturer: [Maxim Integrated](#)

Description: IC REG CTRLR MULT TOP 16TQFN

Data sheet:  [MAX5974A,B,C,D](#)  
 [Part Numbering System](#)

RoHS Status: Lead free / RoHS Compliant

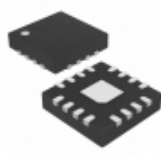
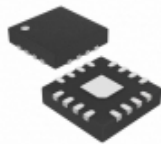
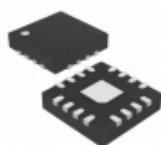
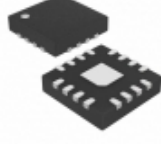
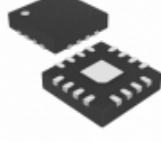
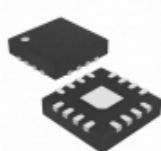
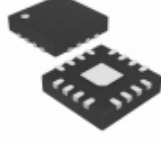
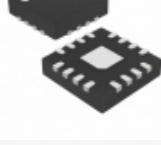
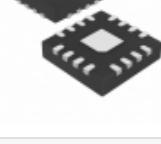
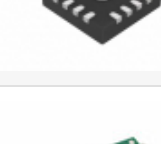
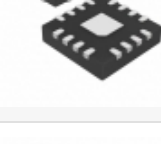
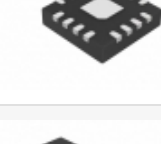
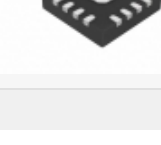
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                          |                                |                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                   | MAX5974DETE+TG2Z                                         | Manufacturer                   | <a href="#">Maxim Integrated</a>                                                                                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                   | IC REG CTRLR MULT TOP 16TQFN                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                            | 4637 pcs                                                 | Data sheet                     | <a href="#">MAX5974A,B,C,D</a><br><a href="#">Part Numbering System</a>                                                     |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Integrated Circuits (ICs)</a>                | Voltage - Supply (Vcc/Vdd)     | 8.4 V ~ 26 V                                                                                                                |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Flyback, Forward Converter                               | Synchronous Rectifier          | Yes                                                                                                                         |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                       | 16-TQFN (3x3)                                            | Series                         | -                                                                                                                           |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                                                        | Packaging                      | Tape & Reel (TR)                                                                                                            |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                | 16-WFQFN Exposed Pad                                     | Output Type                    | Transistor Driver                                                                                                           |
| Output Phases                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1                                                        | Output Configuration           | Positive, Isolation Capable                                                                                                 |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                         | -40°C ~ 85°C (TA)                                        | Number of Outputs              | 1                                                                                                                           |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                              | 1 (Unlimited)                                            | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                  |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Step-Up/Step-Down                                        | Frequency - Switching          | 100kHz ~ 600kHz                                                                                                             |
| Duty Cycle (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                              | 80%                                                      | Detailed Description           | Flyback, Forward Converter Regulator Positive, Isolation Capable Output Step-Up/Step-Down DC-DC Controller IC 16-TQFN (3x3) |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                              | Dead Time Control, Enable, Frequency Control, Soft Start | Clock Sync                     | Yes                                                                                                                         |
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| RELATED PRODUCTS                                                                   |                                                                                          |                                                 |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------|----------------|
|  | Part#: <a href="#">MAX5974CETE+T</a><br>Description: IC REG CTRLR FORWARD PWM 16-TQFN    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5974EEVKIT#</a><br>Description: EVAL KIT MAX5974E                  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5974EETE+G3U</a><br>Description: IC REG CTRLR FLYBACK PWM 16-TQFN  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5974REF#</a><br>Description: EVAL REF                              | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5974DETE+G2Z</a><br>Description: IC REG CTRLR MULT TOP 16TQFN      | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5974EETE+T</a><br>Description: IC REG CTRLR FLYBACK PWM 16-TQFN    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5974BETE+</a><br>Description: IC REG CTRLR MULT TOP 16TQFN         | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5974EETE+</a><br>Description: IC REG CTRLR FLYBACK PWM 16-TQFN     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5974CEVKIT#</a><br>Description: EVAL KIT MAX5974C                  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5975AETE+</a><br>Description: IC REG CTRLR FLYBK ISO CM 16TQFN     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5974EETE+TG3U</a><br>Description: IC REG CTRLR FLYBACK PWM 16-TQFN | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5974DETE+G3U</a><br>Description: IC REG CTRLR MULT TOP 16TQFN      | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5974FETE+T</a><br>Description: IC REG CTRLR MULT TOP 16TQFN        | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5974DETE+TG3U</a><br>Description: IC REG CTRLR MULT TOP 16TQFN     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5974BETE+T</a><br>Description: IC REG CTRLR MULT TOP 16TQFN        | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5974CETE+</a><br>Description: IC REG CTRLR FORWARD PWM 16-TQFN     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5974AEVKIT#</a><br>Description: EVAL KIT MAX5974A                  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5974DETE+T</a><br>Description: IC REG CTRLR MULT TOP 16TQFN        | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5974FETE+</a><br>Description: IC REG CTRLR MULT TOP 16TQFN         | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5974DETE+</a><br>Description: IC REG CTRLR MULT TOP 16TQFN         | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |

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