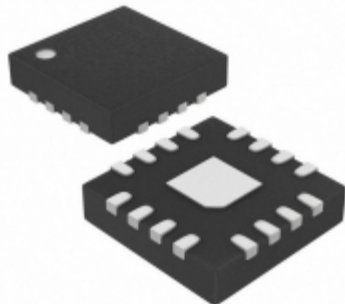


MAX14842ATE+T





Part Number: [MAX14842ATE+T](#)

Manufacturer: [Maxim Integrated](#)

Description: IC TRNSLTR BIDIRECTIONAL 16TQFN

Data sheet:  [Part Numbering System](#)  
 [MAX14842](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

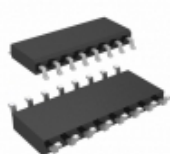
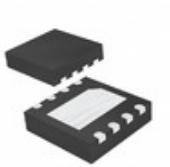
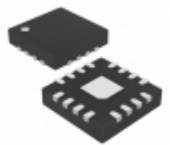
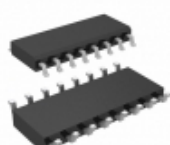
Shipment Way: DHL/Fedex/TNT/UPS/EMS

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

| PRODUCT PARAMETER               |                                                                                    |                                  |                                                                   |
|---------------------------------|------------------------------------------------------------------------------------|----------------------------------|-------------------------------------------------------------------|
| Part Number                     | MAX14842ATE+T                                                                      | Manufacturer                     | <a href="#">Maxim Integrated</a>                                  |
| Description                     | IC TRNSLTR BIDIRECTIONAL 16TQFN                                                    | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                        |
| Quantity Available              | 30679 pcs                                                                          | Data sheet                       | <a href="#">Part Numbering System</a><br><a href="#">MAX14842</a> |
| Category                        | <a href="#">Integrated Circuits (ICs)</a>                                          | Voltage - VCCB                   | 3V ~ 5.5V                                                         |
| Voltage - VCCA                  | 3V ~ 5.5V                                                                          | Translator Type                  | Voltage Level                                                     |
| Supplier Device Package         | 16-TQFN-EP (4x4)                                                                   | Series                           | -                                                                 |
| Packaging                       | Tape & Reel (TR)                                                                   | Package / Case                   | 16-WQFN Exposed Pad                                               |
| Output Type                     | Open Drain                                                                         | Output Signal                    | -                                                                 |
| Operating Temperature           | -40°C ~ 125°C (TA)                                                                 | Number of Circuits               | 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                                        |
| Input Signal                    | -                                                                                  | Features                         | Power Supply Decoupling                                           |
| Detailed Description            | Voltage Level Translator Bidirectional 1 Circuit 6 Channel 30Mbps 16-TQFN-EP (4x4) | Data Rate                        | 30Mbps                                                            |
| Channels per Circuit            | 6                                                                                  | Channel Type                     | Bidirectional                                                     |

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| RELATED PRODUCTS                                                                   |                                                                                      |                                                 |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------|----------------|
|  | Part#: <a href="#">MAX14850ASE+T</a><br>Description: DGTL ISO 600V GEN PURP 16SOIC   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1483EUA+T</a><br>Description: IC TXRX RS485/RS422 LP 8-UMAX    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1484CUB+T</a><br>Description: IC TXRX RS485/RS422 10-UMAX      | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1484EUB+</a><br>Description: IC TXRX RS485/RS422 10-UMAX       | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX14850PMB1#</a><br>Description: MODULE PERIPHERAL FOR MAX14850  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX14841EATA+T</a><br>Description: IC TXRX RS485 40MBPS 8TDFN     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX14842ATE+</a><br>Description: IC TRNSLTR BIDIRECTIONAL 16TQFN  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1483EUA+</a><br>Description: IC TXRX RS485/RS422 LP 8-UMAX     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX14840EATA+T</a><br>Description: IC TXRX RS485 40MBPS 8TDFN     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX14841EASA+T</a><br>Description: IC TXRX RS485 40MBPS 8SOIC     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX14850ASE+</a><br>Description: DGTL ISO 600V GEN PURP 16SOIC    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX14840PMB1#</a><br>Description: MODULE PERIPHERAL FOR MAX14840  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX14851AEE+</a><br>Description: SIX-CHANNEL DIGITAL ISOLATOR     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1484CUB+</a><br>Description: IC TXRX RS485/RS422 10-UMAX       | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX14840EASA+</a><br>Description: IC TXRX RS422/485 40MBPS 8SOIC  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX14850AEE+</a><br>Description: DGTL ISO 600V GEN PURP 16SSOP    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX14850AEE+T</a><br>Description: DGTL ISO 600V GEN PURP 16SSOP   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX14841EASA+</a><br>Description: IC TXRX RS485 40MBPS 8SOIC      | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX14840EASA+T</a><br>Description: IC TXRX RS422/485 40MBPS 8SOIC | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1484EUB+T</a><br>Description: IC TXRX RS485/RS422 10-UMAX      | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |

| Related keywords for MAX14842ATE+T |                           |                        |                     |
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