

MAX4782EUE+



Part Number: [MAX4782EUE+](#)

Manufacturer: [Maxim Integrated](#)

Description: IC MULTIPLEXER DUAL 4X1 16TSSOP

Data sheet:  [Part Numbering System](#)  
 [MAX4781-83](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

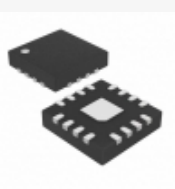
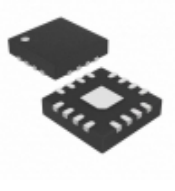
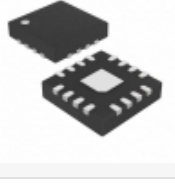
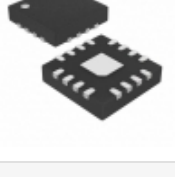
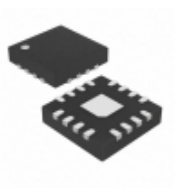
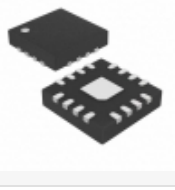
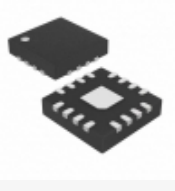
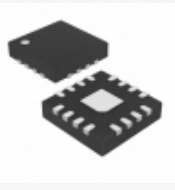
Shipment Way: DHL/Fedex/TNT/UPS/EMS

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

| PRODUCT PARAMETER                  |                                           |                                        |                                                                     |
|------------------------------------|-------------------------------------------|----------------------------------------|---------------------------------------------------------------------|
| Part Number                        | MAX4782EUE+                               | Manufacturer                           | <a href="#">Maxim Integrated</a>                                    |
| Description                        | IC MULTIPLEXER DUAL 4X1 16TSSOP           | Lead Free Status / RoHS Status         | Lead free / RoHS Compliant                                          |
| Quantity Available                 | 37260 pcs                                 | Data sheet                             | <a href="#">Part Numbering System</a><br><a href="#">MAX4781-83</a> |
| Category                           | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Single (V+)          | 1.6 V ~ 3.6 V                                                       |
| Voltage - Supply, Dual (V±)        | -                                         | Switch Time (Ton, Toff) (Max)          | 25ns, 15ns                                                          |
| Switch Circuit                     | SP4T                                      | Supplier Device Package                | 16-TSSOP                                                            |
| Series                             | -                                         | Packaging                              | Tube                                                                |
| Package / Case                     | 16-TSSOP (0.173", 4.40mm Width)           | Operating Temperature                  | -40°C ~ 85°C (TA)                                                   |
| On-State Resistance (Max)          | 1 Ohm                                     | Number of Circuits                     | 2                                                                   |
| Multiplexer/Demultiplexer Circuit  | 4:1                                       | Moisture Sensitivity Level (MSL)       | 1 (Unlimited)                                                       |
| Manufacturer Standard Lead Time    | 6 Weeks                                   | Lead Free Status / RoHS Status         | Lead free / RoHS Compliant                                          |
| Detailed Description               | 2 Circuit IC Switch 4:1 1 Ohm 16-TSSOP    | Current - Leakage (IS(off)) (Max)      | 2nA                                                                 |
| Crosstalk                          | -80dB @ 1MHz                              | Charge Injection                       | -110pC                                                              |
| Channel-to-Channel Matching (ΔRon) | 300 mOhm                                  | Channel Capacitance (CS(off), CD(off)) | 38pF, 158pF                                                         |
| Base Part Number                   | MAX4782                                   | -3db Bandwidth                         | -                                                                   |

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|  | Part#: <a href="#">MAX4781EUE+T</a><br>Description: IC MULTIPLEXER 8X1 16TSSOP      | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX4782EGE+T</a><br>Description: IC MULTIPLEXER DUAL 4X1 16QFN   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX4783EUE+</a><br>Description: IC SWITCH TRIPLE SPDT 16TSSOP    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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