

MAX4052AEEEE+T



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**Part Number:** [MAX4052AEEEE+T](#)

**Manufacturer:** [Maxim Integrated](#)

**Description:** IC MULTIPLEXER DUAL 4X1 16QSOP

**Data sheet:**  [MAX4051\(A\)-53\(A\)](#)  
 [Part Numbering System](#)

**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

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| PRODUCT PARAMETER                  |                                           |                                        |                                                                           |
|------------------------------------|-------------------------------------------|----------------------------------------|---------------------------------------------------------------------------|
| Part Number                        | MAX4052AEEEE+T                            | Manufacturer                           | <a href="#">Maxim Integrated</a>                                          |
| Description                        | IC MULTIPLEXER DUAL 4X1 16QSOP            | Lead Free Status / RoHS Status         | Lead free / RoHS Compliant                                                |
| Quantity Available                 | 42205 pcs                                 | Data sheet                             | <a href="#">MAX4051(A)-53(A)</a><br><a href="#">Part Numbering System</a> |
| Category                           | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Single (V+)          | 2 V ~ 16 V                                                                |
| Voltage - Supply, Dual (V±)        | ±2.7 V ~ 8 V                              | Switch Time (Ton, Toff) (Max)          | 175ns, 150ns                                                              |
| Switch Circuit                     | SP4T                                      | Supplier Device Package                | 16-QSOP                                                                   |
| Series                             | -                                         | Packaging                              | Tape & Reel (TR)                                                          |
| Package / Case                     | 16-SSOP (0.154", 3.90mm Width)            | Operating Temperature                  | -40°C ~ 85°C (TA)                                                         |
| On-State Resistance (Max)          | 100 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 4:1 100 Ohm 16-QSOP   | Current - Leakage (IS(off)) (Max)      | 100pA                                                                     |
| Crosstalk                          | -90dB @ 100kHz                            | Charge Injection                       | 2pC                                                                       |
| Channel-to-Channel Matching (ΔRon) | 6 Ohm (Max)                               | Channel Capacitance (CS(off), CD(off)) | 2pF, 2pF                                                                  |
| Base Part Number                   | MAX4052                                   | -3db Bandwidth                         | -                                                                         |

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