

MAX4553CEE+T



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**Part Number:** [MAX4553CEE+T](#)

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

**Description:** IC SWITCH QUAD SPST 16QSOP

**Data sheet:**  [MAX4551-53](#)  
 [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                                                                                                                                                                                                                                                                                                                                                                                                | MAX4553CEE+T                              | Manufacturer                       | <a href="#">Maxim Integrated</a>                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                | IC SWITCH QUAD SPST 16QSOP                | Lead Free Status / RoHS Status     | Lead free / RoHS Compliant                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                         | 4141 pcs                                  | Data sheet                         | <a href="#">MAX4551-53</a><br><a href="#">Part Numbering System</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Single (V+)      | 2 V ~ 12 V                                                          |
| Voltage - Supply, Dual (V±)                                                                                                                                                                                                                                                                                                                                                                                | ±2 V ~ 6 V                                | Switch Time (Ton, Toff) (Max)      | 110ns, 90ns                                                         |
| Switch Circuit                                                                                                                                                                                                                                                                                                                                                                                             | SPST - NO/NC                              | Supplier Device Package            | 16-QSOP                                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                     | -                                         | Packaging                          | Tape & Reel (TR)                                                    |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                             | 16-SSOP (0.154", 3.90mm Width)            | Operating Temperature              | 0°C ~ 70°C (TA)                                                     |
| On-State Resistance (Max)                                                                                                                                                                                                                                                                                                                                                                                  | 120 Ohm                                   | Number of Circuits                 | 4                                                                   |
| Multiplexer/Demultiplexer Circuit                                                                                                                                                                                                                                                                                                                                                                          | 1:1                                       | Moisture Sensitivity Level (MSL)   | 1 (Unlimited)                                                       |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                             | Lead free / RoHS Compliant                | Detailed Description               | 4 Circuit IC Switch 1:1 120 Ohm 16-QSOP                             |
| Current - Leakage (IS(off)) (Max)                                                                                                                                                                                                                                                                                                                                                                          | 1nA                                       | Crosstalk                          | -90dB @ 100kHz                                                      |
| Charge Injection                                                                                                                                                                                                                                                                                                                                                                                           | 2pC                                       | Channel-to-Channel Matching (ΔRon) | 1 Ohm                                                               |
| Channel Capacitance (CS(off), CD(off))                                                                                                                                                                                                                                                                                                                                                                     | 3.5pF, 3pF                                | Base Part Number                   | MAX4553                                                             |
| -3db Bandwidth                                                                                                                                                                                                                                                                                                                                                                                             | -                                         |                                    |                                                                     |
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