

MAX4560ESE+T



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Part Number: [MAX4560ESE+T](#)

Manufacturer: [Maxim Integrated](#)

Description: IC MULTIPLEXER TRPL 1X2 16SOIC

Data sheet:  [MAX4558-60](#)  
 [Part Numbering System](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                                        |                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|---------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                | MAX4560ESE+T                              | Manufacturer                           | <a href="#">Maxim Integrated</a>                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC MULTIPLEXER TRPL 1X2 16SOIC            | Lead Free Status / RoHS Status         | Lead free / RoHS Compliant                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                         | 27843 pcs                                 | Data sheet                             | <a href="#">MAX4558-60</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)          | 150ns, 120ns                                                        |
| Switch Circuit                                                                                                                                                                                                                                                                                                                                                                                                                                             | SPDT                                      | Supplier Device Package                | 16-SO                                                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                         | Packaging                              | Tape & Reel (TR)                                                    |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                             | 16-SOIC (0.154", 3.90mm Width)            | Operating Temperature                  | -40°C ~ 85°C (TA)                                                   |
| On-State Resistance (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                  | 160 Ohm                                   | Number of Circuits                     | 3                                                                   |
| Multiplexer/Demultiplexer Circuit                                                                                                                                                                                                                                                                                                                                                                                                                          | 2:1                                       | Moisture Sensitivity Level (MSL)       | 1 (Unlimited)                                                       |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                            | 6 Weeks                                   | Lead Free Status / RoHS Status         | Lead free / RoHS Compliant                                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                       | 3 Circuit IC Switch 2:1 160 Ohm 16-SO     | Current - Leakage (IS(off)) (Max)      | 1nA                                                                 |
| Crosstalk                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -93dB @ 100kHz                            | Charge Injection                       | 2.4pC                                                               |
| Channel-to-Channel Matching (ΔRon)                                                                                                                                                                                                                                                                                                                                                                                                                         | 2 Ohm                                     | Channel Capacitance (CS(off), CD(off)) | 2pF, 4pF                                                            |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                           | MAX4560                                   | -3db Bandwidth                         | -                                                                   |
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