

MAX4656EUA+



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maxim  
integrated™

**Part Number:** [MAX4656EUA+](#)

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

**Description:** IC SWITCH SPST 8UMAX

**Data sheet:**  [MAX4655-58](#)  
 [Part Numbering System](#)

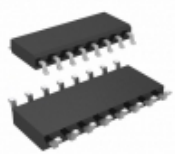
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                           |                                        |                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|---------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                               | MAX4656EUA+                               | Manufacturer                           | <a href="#">Maxim Integrated</a>                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC SWITCH SPST 8UMAX                      | Lead Free Status / RoHS Status         | Lead free / RoHS Compliant                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                        | 41211 pcs                                 | Data sheet                             | <a href="#">MAX4655-58</a><br><a href="#">Part Numbering System</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Single (V+)          | 9 V ~ 40 V                                                          |
| Voltage - Supply, Dual (V±)                                                                                                                                                                                                                                                                                                                                                                                                                               | ±4.5 V ~ 20 V                             | Switch Time (Ton, Toff) (Max)          | 200ns, 100ns                                                        |
| Switch Circuit                                                                                                                                                                                                                                                                                                                                                                                                                                            | SPST - NO                                 | Supplier Device Package                | 8-uMAX                                                              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                         | Packaging                              | Tube                                                                |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                            | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)    | Operating Temperature                  | -40°C ~ 85°C (TA)                                                   |
| On-State Resistance (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 10 Ohm                                    | Number of Circuits                     | 1                                                                   |
| Multiplexer/Demultiplexer Circuit                                                                                                                                                                                                                                                                                                                                                                                                                         | 1:1                                       | Moisture Sensitivity Level (MSL)       | 1 (Unlimited)                                                       |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                           | 6 Weeks                                   | Lead Free Status / RoHS Status         | Lead free / RoHS Compliant                                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1 Circuit IC Switch 1:1 10 Ohm 8-uMAX     | Current - Leakage (IS(off)) (Max)      | 1nA                                                                 |
| Crosstalk                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                         | Charge Injection                       | 23pC                                                                |
| Channel-to-Channel Matching (ΔRon)                                                                                                                                                                                                                                                                                                                                                                                                                        | -                                         | Channel Capacitance (CS(off), CD(off)) | 25pF, 25pF                                                          |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                          | MAX4656                                   | -3db Bandwidth                         | 210MHz                                                              |
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