

MAX4968CEXB+



Part Number: [MAX4968CEXB+](#)

Manufacturer: [Maxim Integrated](#)

Description: IC SWITCH LINEAR HI VOLT 64CSBGA

Data sheet:  [MAX4968B,C](#)  
 [Part Numbering System](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

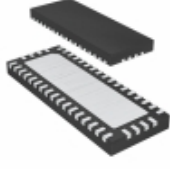
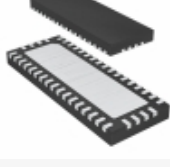
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See Product Specifications for product details.  
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| PRODUCT PARAMETER                  |                                                |                                        |                                                                     |
|------------------------------------|------------------------------------------------|----------------------------------------|---------------------------------------------------------------------|
| Part Number                        | MAX4968CEXB+                                   | Manufacturer                           | <a href="#">Maxim Integrated</a>                                    |
| Description                        | IC SWITCH LINEAR HI VOLT 64CSBGA               | Lead Free Status / RoHS Status         | Lead free / RoHS Compliant                                          |
| Quantity Available                 | 3495 pcs                                       | Data sheet                             | <a href="#">MAX4968B,C</a><br><a href="#">Part Numbering System</a> |
| Category                           | <a href="#">Integrated Circuits (ICs)</a>      | Voltage - Supply, Single (V+)          | 10 V ~ 12.5 V                                                       |
| Voltage - Supply, Dual (V±)        | -                                              | Switch Time (Ton, Toff) (Max)          | 5µs, 3.5µs                                                          |
| Switch Circuit                     | SPST - NO                                      | Supplier Device Package                | 64-CTBGA (7x7)                                                      |
| Series                             | -                                              | Packaging                              | Tray                                                                |
| Package / Case                     | 64-LFBGA                                       | Operating Temperature                  | -40°C ~ 85°C (TA)                                                   |
| On-State Resistance (Max)          | 34 Ohm                                         | Number of Circuits                     | 16                                                                  |
| 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               | 16 Circuit IC Switch 1:1 34 Ohm 64-CTBGA (7x7) | Current - Leakage (IS(off)) (Max)      | -                                                                   |
| Crosstalk                          | -69dB @ 5MHz                                   | Charge Injection                       | 150pC                                                               |
| Channel-to-Channel Matching (ΔRon) | 1.02 Ohm                                       | Channel Capacitance (CS(off), CD(off)) | 8pF                                                                 |
| -3db Bandwidth                     | 30MHz                                          |                                        |                                                                     |

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