

MAX4968BEXB+T



Part Number: [MAX4968BEXB+T](#)

Manufacturer: [Maxim Integrated](#)

Description: IC LINEAR SWITCH 16CH HV 64CSBGA

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

RoHs Status: Lead free / RoHS Compliant

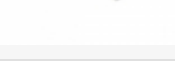
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                |                                        |                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|----------------------------------------|---------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                | MAX4968BEXB+T                                  | Manufacturer                           | <a href="#">Maxim Integrated</a>                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC LINEAR SWITCH 16CH HV 64CSBGA               | Lead Free Status / RoHS Status         | Lead free / RoHS Compliant                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                         | 3541 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                              | Tape & Reel (TR)                                                    |
| 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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| RELATED PRODUCTS                                                                   |                                                                                      |                                                 |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------|----------------|
|  | Part#: <a href="#">MAX4968CEXB+</a><br>Description: IC SWITCH LINEAR HI VOLT 64CSBGA | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX4968ECM+T</a><br>Description: IC LINEAR SWITCH 16CH HV 48LQFP  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX4967EGEEV+T</a><br>Description: IC USB SW PROTECTOR AUTO QSOP  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX4968CCM+</a><br>Description: IC SWITCH LINEAR HI VOLT 48LQFP   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX4968ACCM+</a><br>Description: IC SWITCH LINEAR HI VOLT 48LQFP  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX4968CEXB+T</a><br>Description: IC SWITCH SPST 16 CHAN 64BGA    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX4969CTO+</a><br>Description: IC MUX/REDRIVER PCIE 1CH 42TQFN   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX4968AECM+T</a><br>Description: IC LINEAR SWITCH 16CH HV 48LQFP | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX4960ELB+T</a><br>Description: IC OVERVOLTAGE PROT CTRL 10UDFN  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |

| Related keywords for MAX4968BEXB+T |                           |                        |                     |
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