

MAX4052CEE



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Part Number: [MAX4052CEE](#)

Manufacturer: [Maxim Integrated](#)

Description: IC MULTIPLEXER DUAL 4X1 16QSOP

Data sheet:  [MAX4051\(A\)-53\(A\)](#)  
 [Part Numbering System](#)

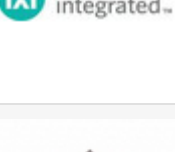
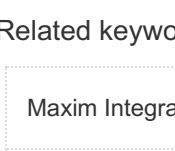
RoHs Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                    |                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------|---------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                              | MAX4052CEE                                | Manufacturer                       | <a href="#">Maxim Integrated</a>                                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                              | IC MULTIPLEXER DUAL 4X1 16QSOP            | Lead Free Status / RoHS Status     | Contains lead / RoHS non-compliant                                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                       | 4764 pcs                                  | Data sheet                         | <a href="#">MAX4051(A)-53(A)</a><br><a href="#">Part Numbering System</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Single (V+)      | 2 V ~ 16 V                                                                |
| Voltage - Supply, Dual (V±)                                                                                                                                                                                                                                                                                                                                                                              | ±2.7 V ~ 8 V                              | Switch Time (Ton, Toff) (Max)      | 175ns, 150ns                                                              |
| Switch Circuit                                                                                                                                                                                                                                                                                                                                                                                           | SP4T                                      | Supplier Device Package            | 16-QSOP                                                                   |
| Series                                                                                                                                                                                                                                                                                                                                                                                                   | -                                         | Packaging                          | Tube                                                                      |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                           | 16-SSOP (0.154", 3.90mm Width)            | Operating Temperature              | 0°C ~ 70°C (TA)                                                           |
| On-State Resistance (Max)                                                                                                                                                                                                                                                                                                                                                                                | 100 Ohm                                   | Number of Circuits                 | 2                                                                         |
| Multiplexer/Demultiplexer Circuit                                                                                                                                                                                                                                                                                                                                                                        | 4:1                                       | Moisture Sensitivity Level (MSL)   | 1 (Unlimited)                                                             |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                           | Contains lead / RoHS non-compliant        | Detailed Description               | 2 Circuit IC Switch 4:1 100 Ohm 16-QSOP                                   |
| Current - Leakage (IS(off)) (Max)                                                                                                                                                                                                                                                                                                                                                                        | 1nA                                       | Crosstalk                          | -90dB @ 100kHz                                                            |
| Charge Injection                                                                                                                                                                                                                                                                                                                                                                                         | 2pC                                       | Channel-to-Channel Matching (ΔRon) | 12 Ohm (Max)                                                              |
| Channel Capacitance (CS(off), CD(off))                                                                                                                                                                                                                                                                                                                                                                   | 2pF, 2pF                                  | Base Part Number                   | MAX4052                                                                   |
| -3db Bandwidth                                                                                                                                                                                                                                                                                                                                                                                           | -                                         |                                    |                                                                           |
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|  | Part#: <a href="#">MAX4052CSE</a><br>Description: IC MULTIPLEXER DUAL 4X1 16SOIC    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX4052AEPE</a><br>Description: IC MUX/SW DUAL ANLG CMOS 16-DIP  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX4052AEEE</a><br>Description: IC MULTIPLEXER DUAL 4X1 16QSOP   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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