

MAX4524CUB



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Part Number: [MAX4524CUB](#)

Manufacturer: [Maxim Integrated](#)

Description: IC MULTIPLEXER 4X1 10UMAX

Data sheet:  [MAX4524-25](#)  
 [Part Numbering System](#)

RoHs Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

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

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                    |                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------|---------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                             | MAX4524CUB                                | Manufacturer                       | <a href="#">Maxim Integrated</a>                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC MULTIPLEXER 4X1 10UMAX                 | Lead Free Status / RoHS Status     | Contains lead / RoHS non-compliant                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4502 pcs                                  | Data sheet                         | <a href="#">MAX4524-25</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±)                                                                                                                                                                                                                                                                                                                                                                                                                             | -                                         | Switch Time (Ton, Toff) (Max)      | 150ns, 120ns                                                        |
| Switch Circuit                                                                                                                                                                                                                                                                                                                                                                                                                                          | SP4T                                      | Supplier Device Package            | 10-uMAX                                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                         | Packaging                          | Tube                                                                |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                          | 10-TFSOP, 10-MSOP (0.118", 3.00mm Width)  | Operating Temperature              | 0°C ~ 70°C (TA)                                                     |
| On-State Resistance (Max)                                                                                                                                                                                                                                                                                                                                                                                                                               | 150 Ohm                                   | Number of Circuits                 | 1                                                                   |
| Multiplexer/Demultiplexer Circuit                                                                                                                                                                                                                                                                                                                                                                                                                       | 4:1                                       | Moisture Sensitivity Level (MSL)   | 1 (Unlimited)                                                       |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                          | Contains lead / RoHS non-compliant        | Detailed Description               | 1 Circuit IC Switch 4:1 150 Ohm 10-uMAX                             |
| Current - Leakage (IS(off)) (Max)                                                                                                                                                                                                                                                                                                                                                                                                                       | 1nA                                       | Crosstalk                          | -                                                                   |
| Charge Injection                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.8pC                                     | Channel-to-Channel Matching (ΔRon) | 2 Ohm                                                               |
| Channel Capacitance (CS(off), CD(off))                                                                                                                                                                                                                                                                                                                                                                                                                  | 4pF, 14pF                                 | Base Part Number                   | MAX4524                                                             |
| -3db Bandwidth                                                                                                                                                                                                                                                                                                                                                                                                                                          | -                                         |                                    |                                                                     |
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|  | Part#: <a href="#">MAX4524EUB+T</a><br>Description: IC MULTIPLEXER 4X1 10UMAX      | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX4523EEE</a><br>Description: IC SW QUAD ANLG LV SPST 16-QSOP  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX4524LEUB+T</a><br>Description: IC MUX/SW ANLG CMOS LV 10UMAX | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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