

MAX4543CUA



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Part Number:

MAX4543CUA

Manufacturer:

Maxim Integrated

Description:

IC SW ANLG SPST N/O-N/C 8-MSOP

Data sheet:

MAX4541-44

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                                                                                                                                                                                                                                                                                                                                                                                              | MAX4543CUA                                | Manufacturer                       | Maxim Integrated                                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                              | IC SW ANLG SPST N/O-N/C 8-MSOP            | Lead Free Status / RoHS Status     | Contains lead / RoHS non-compliant                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                       | 4298 pcs                                  | Data sheet                         | <a href="#">MAX4541-44</a><br><a href="#">Part Numbering System</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Single (V+)      | 2.7 V ~ 12 V                                                        |
| Voltage - Supply, Dual (V±)                                                                                                                                                                                                                                                                                                                                                                              | -                                         | Switch Time (Ton, Toff) (Max)      | 100ns, 75ns                                                         |
| Switch Circuit                                                                                                                                                                                                                                                                                                                                                                                           | SPST - NO/NC                              | Supplier Device Package            | 8-uMAX                                                              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                   | -                                         | Packaging                          | Tube                                                                |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                           | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)    | Operating Temperature              | 0°C ~ 70°C (TA)                                                     |
| On-State Resistance (Max)                                                                                                                                                                                                                                                                                                                                                                                | 60 Ohm                                    | Number of Circuits                 | 2                                                                   |
| Multiplexer/Demultiplexer Circuit                                                                                                                                                                                                                                                                                                                                                                        | 1:1                                       | Moisture Sensitivity Level (MSL)   | 1 (Unlimited)                                                       |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                           | Contains lead / RoHS non-compliant        | Detailed Description               | 2 Circuit IC Switch 1:1 60 Ohm 8-uMAX                               |
| Current - Leakage (IS(off)) (Max)                                                                                                                                                                                                                                                                                                                                                                        | 100pA                                     | Crosstalk                          | -90dB @ 1MHz                                                        |
| Charge Injection                                                                                                                                                                                                                                                                                                                                                                                         | 1pC                                       | Channel-to-Channel Matching (ΔRon) | 800 mOhm                                                            |
| Channel Capacitance (CS(off), CD(off))                                                                                                                                                                                                                                                                                                                                                                   | 8pF, 8pF                                  | Base Part Number                   | MAX4543                                                             |
| -3db Bandwidth                                                                                                                                                                                                                                                                                                                                                                                           | -                                         |                                    |                                                                     |
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| RELATED PRODUCTS                                                                   |                                                                                   |                                                 |                |
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|  | Part#: <a href="#">MAX4543EKA+T</a><br>Description: IC SWITCH DUAL SPST SOT23-8   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX4543ESA+</a><br>Description: IC SWITCH DUAL SPST 8SOIC      | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX4543EPA</a><br>Description: IC SWITCH DUAL SPST 8DIP        | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX4542ESA</a><br>Description: IC SWITCH DUAL SPST 8SOIC       | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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