

MAX4520EUA



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Part Number:

MAX4520EUA

Manufacturer

Maxim Integrated

Description

IC SWITCH SPST 8UMAX

Data sheet:

MAX4510/20

Part Numbering System

RoHs Status:

Contains lead / RoHS non-compliant

Ship From:

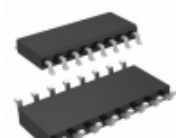
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                    |                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------|---------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                              | MAX4520EUA                                | Manufacturer                       | Maxim Integrated                                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                              | IC SWITCH SPST 8UMAX                      | Lead Free Status / RoHS Status     | Contains lead / RoHS non-compliant                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                       | 4241 pcs                                  | Data sheet                         | <a href="#">MAX4510/20</a><br><a href="#">Part Numbering System</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Single (V+)      | 9 V ~ 36 V                                                          |
| Voltage - Supply, Dual (V±)                                                                                                                                                                                                                                                                                                                                                                              | ±4.5 V ~ 20 V                             | Switch Time (Ton, Toff) (Max)      | 500ns, 175ns                                                        |
| Switch Circuit                                                                                                                                                                                                                                                                                                                                                                                           | SPST - NO                                 | Supplier Device Package            | 8-uMAX                                                              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                   | -                                         | Packaging                          | Tube                                                                |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                           | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)    | Operating Temperature              | -40°C ~ 85°C (TA)                                                   |
| On-State Resistance (Max)                                                                                                                                                                                                                                                                                                                                                                                | 160 Ohm                                   | Number of Circuits                 | 1                                                                   |
| Multiplexer/Demultiplexer Circuit                                                                                                                                                                                                                                                                                                                                                                        | 1:1                                       | Moisture Sensitivity Level (MSL)   | 1 (Unlimited)                                                       |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                           | Contains lead / RoHS non-compliant        | Detailed Description               | 1 Circuit IC Switch 1:1 160 Ohm 8-uMAX                              |
| Current - Leakage (IS(off)) (Max)                                                                                                                                                                                                                                                                                                                                                                        | 500pA                                     | Crosstalk                          | -                                                                   |
| Charge Injection                                                                                                                                                                                                                                                                                                                                                                                         | 1.5pC                                     | Channel-to-Channel Matching (ΔRon) | -                                                                   |
| Channel Capacitance (CS(off), CD(off))                                                                                                                                                                                                                                                                                                                                                                   | 10pF, 5pF                                 | Base Part Number                   | MAX4520                                                             |
| -3db Bandwidth                                                                                                                                                                                                                                                                                                                                                                                           | -                                         |                                    |                                                                     |
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