

MAX4535CUD



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Part Number:

MAX4535CUD

Manufacturer:

Maxim Integrated

Description:

IC MULTIPLEXER DUAL 2X1 14TSSOP

Data sheet:

 [MAX4534-35](#)

 [Part Numbering System](#)

RoHs Status:

Contains lead / RoHS non-compliant

Ship From:

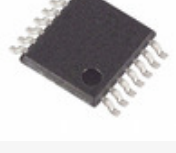
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                    |                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------|---------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                             | MAX4535CUD                                | Manufacturer                       | <a href="#">Maxim Integrated</a>                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC MULTIPLEXER DUAL 2X1 14TSSOP           | Lead Free Status / RoHS Status     | Contains lead / RoHS non-compliant                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                      | 3978 pcs                                  | Data sheet                         | <a href="#">MAX4534-35</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)      | 275ns, 200ns                                                        |
| Switch Circuit                                                                                                                                                                                                                                                                                                                                                                                                                                          | DPST - NO                                 | Supplier Device Package            | 14-TSSOP                                                            |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                         | Packaging                          | Tube                                                                |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                          | 14-TSSOP (0.173", 4.40mm Width)           | Operating Temperature              | 0°C ~ 70°C (TA)                                                     |
| On-State Resistance (Max)                                                                                                                                                                                                                                                                                                                                                                                                                               | 400 Ohm                                   | Number of Circuits                 | 2                                                                   |
| Multiplexer/Demultiplexer Circuit                                                                                                                                                                                                                                                                                                                                                                                                                       | 2:1                                       | Moisture Sensitivity Level (MSL)   | 1 (Unlimited)                                                       |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                          | Contains lead / RoHS non-compliant        | Detailed Description               | 2 Circuit IC Switch 2:1 400 Ohm 14-TSSOP                            |
| Current - Leakage (IS(off)) (Max)                                                                                                                                                                                                                                                                                                                                                                                                                       | 500pA                                     | Crosstalk                          | -53dB @ 1MHz                                                        |
| Charge Injection                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1pC                                       | Channel-to-Channel Matching (ΔRon) | 2 Ohm                                                               |
| Channel Capacitance (CS(off), CD(off))                                                                                                                                                                                                                                                                                                                                                                                                                  | 5pF, 4pF                                  | Base Part Number                   | MAX4535                                                             |
| -3db Bandwidth                                                                                                                                                                                                                                                                                                                                                                                                                                          | -                                         |                                    |                                                                     |
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|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------|----------------|
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|  | Part#: <a href="#">MAX4535EUD</a><br>Description: IC MULTIPLEXER DUAL 2X1 14TSSOP   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX4535EUD+</a><br>Description: IC MULTIPLEXER DUAL 2X1 14TSSOP  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX4534ESD</a><br>Description: IC MULTIPLEXER 4X1 14SOIC         | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX4534EPD</a><br>Description: IC MULTIPLEXER 4X1 14DIP          | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX4535ESD</a><br>Description: IC MULTIPLEXER DUAL 2X1 14SOIC    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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