

MAX396CWI+



Part Number: [MAX396CWI+](#)

Manufacturer: [Maxim Integrated](#)

Description: IC MULTIPLEXER 16X1 28SOIC

Data sheet:  [MAX396/97](#)  
 [Part Numbering System](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

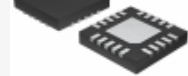
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Request For Quotation

| PRODUCT PARAMETER                  |                                           |                                        |                                                                    |
|------------------------------------|-------------------------------------------|----------------------------------------|--------------------------------------------------------------------|
| Part Number                        | MAX396CWI+                                | Manufacturer                           | <a href="#">Maxim Integrated</a>                                   |
| Description                        | IC MULTIPLEXER 16X1 28SOIC                | Lead Free Status / RoHS Status         | Lead free / RoHS Compliant                                         |
| Quantity Available                 | 13115 pcs                                 | Data sheet                             | <a href="#">MAX396/97</a><br><a href="#">Part Numbering System</a> |
| Category                           | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Single (V+)          | 2.7 V ~ 16 V                                                       |
| Voltage - Supply, Dual (V±)        | ±2.7 V ~ 8 V                              | Switch Time (Ton, Toff) (Max)          | 150ns, 150ns                                                       |
| Switch Circuit                     | -                                         | Supplier Device Package                | 28-SOIC                                                            |
| Series                             | -                                         | Packaging                              | Tube                                                               |
| Package / Case                     | 28-SOIC (0.295", 7.50mm Width)            | Operating Temperature                  | 0°C ~ 70°C (TA)                                                    |
| On-State Resistance (Max)          | 100 Ohm                                   | Number of Circuits                     | 1                                                                  |
| Multiplexer/Demultiplexer Circuit  | 16:1                                      | Moisture Sensitivity Level (MSL)       | 1 (Unlimited)                                                      |
| Manufacturer Standard Lead Time    | 6 Weeks                                   | Lead Free Status / RoHS Status         | Lead free / RoHS Compliant                                         |
| Detailed Description               | 1 Circuit IC Switch 16:1 100 Ohm 28-SOIC  | Current - Leakage (IS(off)) (Max)      | 100pA                                                              |
| Crosstalk                          | -92dB @ 100kHz                            | Charge Injection                       | 2pC                                                                |
| Channel-to-Channel Matching (ΔRon) | 1.8 Ohm                                   | Channel Capacitance (CS(off), CD(off)) | 11pF, 80pF                                                         |
| Base Part Number                   | MAX396                                    | -3db Bandwidth                         | -                                                                  |

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|  | Part#: <a href="#">MAX396EWI+</a><br>Description: IC MULTIPLEXER 16X1 28SOIC       | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX396CAI+</a><br>Description: IC MULTIPLEXER 16X1 28SSOP       | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX396CWI+T</a><br>Description: IC MULTIPLEXER 16X1 28SOIC      | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX397CAI</a><br>Description: IC MULTIPLEXER DUAL 8X1 28SSOP    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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