

MAX378EWG+



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See Product Specifications for product details.  
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maxim  
integrated™

**Part Number:** [MAX378EWG+](#)

**Manufacturer:** [Maxim Integrated](#)

**Description:** IC MULTIPLEXER 8X1 24SOIC

**Data sheet:**  [Part Numbering System](#)  
 [MAX378,379](#)

**RoHs Status:** Lead free / RoHS Compliant

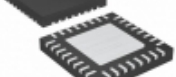
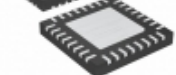
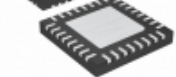
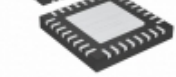
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| PRODUCT PARAMETER                  |                                           |                                        |                                                                     |
|------------------------------------|-------------------------------------------|----------------------------------------|---------------------------------------------------------------------|
| Part Number                        | MAX378EWG+                                | Manufacturer                           | <a href="#">Maxim Integrated</a>                                    |
| Description                        | IC MULTIPLEXER 8X1 24SOIC                 | Lead Free Status / RoHS Status         | Lead free / RoHS Compliant                                          |
| Quantity Available                 | 6861 pcs                                  | Data sheet                             | <a href="#">Part Numbering System</a><br><a href="#">MAX378,379</a> |
| Category                           | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Single (V+)          | -                                                                   |
| Voltage - Supply, Dual (V±)        | ±4.5 V ~ 18 V                             | Switch Time (Ton, Toff) (Max)          | 400ns, 300ns (Typ)                                                  |
| Switch Circuit                     | -                                         | Supplier Device Package                | 24-SOIC                                                             |
| Series                             | -                                         | Packaging                              | Tube                                                                |
| Package / Case                     | 24-SOIC (0.295", 7.50mm Width)            | Operating Temperature                  | -40°C ~ 85°C (TA)                                                   |
| On-State Resistance (Max)          | 3.5 kOhm                                  | Number of Circuits                     | 1                                                                   |
| Multiplexer/Demultiplexer Circuit  | 8:1                                       | Moisture Sensitivity Level (MSL)       | 1 (Unlimited)                                                       |
| Manufacturer Standard Lead Time    | 8 Weeks                                   | Lead Free Status / RoHS Status         | Lead free / RoHS Compliant                                          |
| Detailed Description               | 1 Circuit IC Switch 8:1 3.5 kOhm 24-SOIC  | Current - Leakage (IS(off)) (Max)      | 1nA                                                                 |
| Crosstalk                          | -                                         | Charge Injection                       | -                                                                   |
| Channel-to-Channel Matching (ΔRon) | -                                         | Channel Capacitance (CS(off), CD(off)) | 5pF, 25pF                                                           |
| Base Part Number                   | MAX378                                    | -3db Bandwidth                         | -                                                                   |

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| RELATED PRODUCTS                                                                   |                                                                                      |                                                 |                     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------|---------------------|
|  | Part#: <a href="#">MAX378CPE+</a><br>Description: IC MULTIPLEXER 8X1 16DIP           | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX3790CCQ+T</a><br>Description: IC CABLE TXRX QUAD 2.5GBPS TQFP  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX3790CCQ+</a><br>Description: IC CABLE TXRX QUAD 2.5GBPS TQFP   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX378CWG+T</a><br>Description: IC MULTIPLEXER 8X1 24SOIC         | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX378CWG</a><br>Description: IC MULTIPLEXER 8X1 24SOIC           | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX3798ETJ+</a><br>Description: IC OPAMP LIMITING 32TQFN          | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX3795ETG+</a><br>Description: IC DRIVER VCSEL W/MON 24-TQFN     | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX378EPE+</a><br>Description: IC MULTIPLEXER 8X1 16DIP           | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">MAX378CPE</a><br>Description: IC MULTIPLEXER 8X1 16DIP            | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX378CWG+</a><br>Description: IC MULTIPLEXER 8X1 24SOIC          | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX378MJE/883B</a><br>Description: IC MUX 8:1 3.5 KOHM 16DIP      | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX3787EVKIT</a><br>Description: EVAL KIT MAX3787                 | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX3799ETJ+T</a><br>Description: IC AMP LIMITING VCSEL DVR 32TQFN | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX3799ETJ+</a><br>Description: IC LIMITING AMP/VCSEL DVR 32TQFN  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX3787AWL+T</a><br>Description: IC PASSIVE EQ 1-12.5GBPS 4-WLP   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX378EPE</a><br>Description: IC MULTIPLEXER 8X1 16DIP            | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX3798ETJ+T</a><br>Description: IC OPAMP LIMITING 32TQFN         | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX3795ETG+T</a><br>Description: IC DRIVER VCSEL W/MON 24-TQFN    | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |

Related keywords for MAX378EWG+

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