

MAX328EWE+



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maxim  
integrated™

Part Number: [MAX328EWE+](#)

Manufacturer: [Maxim Integrated](#)

Description: IC MULTIPLEXER 8X1 16SOIC

Data sheet:  [MAX328,329](#)  
 [Part Numbering System](#)

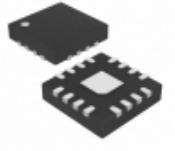
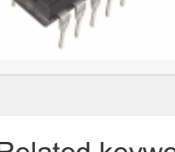
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                        |                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|---------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                             | MAX328EWE+                                | Manufacturer                           | <a href="#">Maxim Integrated</a>                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC MULTIPLEXER 8X1 16SOIC                 | Lead Free Status / RoHS Status         | Lead free / RoHS Compliant                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                      | 7964 pcs                                  | Data sheet                             | <a href="#">MAX328,329</a><br><a href="#">Part Numbering System</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Single (V+)          | 10 V ~ 30 V                                                         |
| Voltage - Supply, Dual (V±)                                                                                                                                                                                                                                                                                                                                                                                                                             | ±5 V ~ 18 V                               | Switch Time (Ton, Toff) (Max)          | 1.5µs, 1µs                                                          |
| Switch Circuit                                                                                                                                                                                                                                                                                                                                                                                                                                          | -                                         | Supplier Device Package                | 16-SOIC                                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                         | Packaging                              | Tube                                                                |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                          | 16-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                                                                                                                                                                                                                                                                                                                                                                                                                         | 6 Weeks                                   | Lead Free Status / RoHS Status         | Lead free / RoHS Compliant                                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1 Circuit IC Switch 8:1 3.5 kOhm 16-SOIC  | Current - Leakage (IS(off)) (Max)      | 10pA                                                                |
| Crosstalk                                                                                                                                                                                                                                                                                                                                                                                                                                               | -                                         | Charge Injection                       | 2pC                                                                 |
| Channel-to-Channel Matching (ΔRon)                                                                                                                                                                                                                                                                                                                                                                                                                      | 70 Ohm                                    | Channel Capacitance (CS(off), CD(off)) | 1.8pF, 8pF                                                          |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                        | MAX328                                    | -3db Bandwidth                         | -                                                                   |
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| RELATED PRODUCTS                                                                   |                                                                                     |                                                 |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------|----------------|
|  | Part#: <a href="#">MAX328CPE</a><br>Description: IC MULTIPLEXER 8X1 16DIP           | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX328ETE+T</a><br>Description: IC MULTIPLEXER 8X1 16TQFN        | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX3291CSD</a><br>Description: IC TXRX RS485/422 14-SOIC         | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX3291EPD+</a><br>Description: IC TXRX RS485/422 5-10MBPS 14DIP | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX3291ESD</a><br>Description: IC TXRX RS485/422 5-10MBPS14SOIC  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX328EWE</a><br>Description: IC MULTIPLEXER 8X1 16SOIC          | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX3291CPD</a><br>Description: IC TXRX RS485/422 14-DIP          | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX328EPE+</a><br>Description: IC MULTIPLEXER 8X1 16DIP          | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX328CWE+T</a><br>Description: IC MULTIPLEXER 8X1 16SOIC        | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX328EWE-T</a><br>Description: IC MULTIPLEXER 8X1 16SOIC        | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX3291CSD+T</a><br>Description: IC TXRX RS485/422 14-SOIC       | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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