

MAX333AEWP+T



Part Number: [MAX333AEWP+T](#)

Manufacturer: [Maxim Integrated](#)

Description: IC SWITCH QUAD SPDT 20SOIC

Data sheet:  [Part Numbering System](#)  
 [MAX333A](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                                        |                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                | MAX333AEWP+T                              | Manufacturer                           | <a href="#">Maxim Integrated</a>                                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC SWITCH QUAD SPDT 20SOIC                | Lead Free Status / RoHS Status         | Lead free / RoHS Compliant                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                         | 19379 pcs                                 | Data sheet                             | <a href="#">Part Numbering System</a><br><a href="#">MAX333A</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Single (V+)          | 10 V ~ 30 V                                                      |
| Voltage - Supply, Dual (V±)                                                                                                                                                                                                                                                                                                                                                                                                                                | ±4.5 V ~ 20 V                             | Switch Time (Ton, Toff) (Max)          | 175ns, 145ns                                                     |
| Switch Circuit                                                                                                                                                                                                                                                                                                                                                                                                                                             | SPDT                                      | Supplier Device Package                | 20-SOIC                                                          |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                         | Packaging                              | Tape & Reel (TR)                                                 |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                             | 20-SOIC (0.295", 7.50mm Width)            | Operating Temperature                  | -40°C ~ 85°C (TA)                                                |
| On-State Resistance (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                  | 45 Ohm                                    | Number of Circuits                     | 4                                                                |
| Multiplexer/Demultiplexer Circuit                                                                                                                                                                                                                                                                                                                                                                                                                          | 2:1                                       | Moisture Sensitivity Level (MSL)       | 1 (Unlimited)                                                    |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                            | 6 Weeks                                   | Lead Free Status / RoHS Status         | Lead free / RoHS Compliant                                       |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                       | 4 Circuit IC Switch 2:1 45 Ohm 20-SOIC    | Current - Leakage (IS(off)) (Max)      | 250pA                                                            |
| Crosstalk                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -78dB @ 1MHz                              | Charge Injection                       | 2pC                                                              |
| Channel-to-Channel Matching (ΔRon)                                                                                                                                                                                                                                                                                                                                                                                                                         | 2 Ohm (Max)                               | Channel Capacitance (CS(off), CD(off)) | 5pF                                                              |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                           | MAX333                                    | -3db Bandwidth                         | -                                                                |
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