

MAX317ESA+T



**Part Number:** [MAX317ESA+T](#)

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

**Description:** IC SWITCH SPST 8SOIC

**Data sheet:**  [MAX317-319](#)  
 [Part Numbering System](#)

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

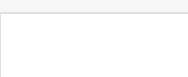
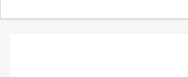
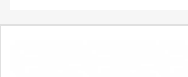
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
**Buy MAX317ESA+T with confidence from Component-World.HK, 1 Year Warranty**

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                    |                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------|---------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                              | MAX317ESA+T                               | Manufacturer                       | <a href="#">Maxim Integrated</a>                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC SWITCH SPST 8SOIC                      | Lead Free Status / RoHS Status     | Lead free / RoHS Compliant                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                       | 4391 pcs                                  | Data sheet                         | <a href="#">MAX317-319</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±)                                                                                                                                                                                                                                                                                                                                                                                                                              | ±4.5 V ~ 20 V                             | Switch Time (Ton, Toff) (Max)      | 175ns, 145ns                                                        |
| Switch Circuit                                                                                                                                                                                                                                                                                                                                                                                                                                           | SPST - NC                                 | Supplier Device Package            | 8-SOIC                                                              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                         | Packaging                          | Tape & Reel (TR)                                                    |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                           | 8-SOIC (0.154", 3.90mm Width)             | Operating Temperature              | -40°C ~ 85°C (TA)                                                   |
| On-State Resistance (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                | 35 Ohm                                    | Number of Circuits                 | 1                                                                   |
| Multiplexer/Demultiplexer Circuit                                                                                                                                                                                                                                                                                                                                                                                                                        | 1:1                                       | Moisture Sensitivity Level (MSL)   | 1 (Unlimited)                                                       |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                           | Lead free / RoHS Compliant                | Detailed Description               | 1 Circuit IC Switch 1:1 35 Ohm 8-SOIC                               |
| Current - Leakage (IS(off)) (Max)                                                                                                                                                                                                                                                                                                                                                                                                                        | 250pA                                     | Crosstalk                          | -85dB @ 1MHz                                                        |
| Charge Injection                                                                                                                                                                                                                                                                                                                                                                                                                                         | 3pC                                       | Channel-to-Channel Matching (ΔRon) | 2 Ohm (Max)                                                         |
| Channel Capacitance (CS(off), CD(off))                                                                                                                                                                                                                                                                                                                                                                                                                   | 8pF, 8pF                                  | Base Part Number                   | MAX317                                                              |
| -3db Bandwidth                                                                                                                                                                                                                                                                                                                                                                                                                                           | -                                         |                                    |                                                                     |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Maxim Integrated series electronic components. We have 4391 pieces of Maxim Integrated MAX317ESA+T in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                    |                                                                     |

| RELATED PRODUCTS                                                                   |                                                                                      |                                                 |                     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------|---------------------|
|  | Part#: <a href="#">MAX31820MCR+T</a><br>Description: SENSOR DIGITAL -55C-125C TO92-3 | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX3180EUK+T</a><br>Description: IC RS-232 RX 1.5MBPS SOT23-5     | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX31820MCR+</a><br>Description: SENSOR DIGITAL -55C-125C TO92-3  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX317CSA</a><br>Description: IC SWITCH SPST 8SOIC                | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX3181EEUK-T</a><br>Description: IC RCVR RS232 1.5MBPS SOT23-5   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX3180EEUK+T</a><br>Description: IC RS-232 RX 1.5MBPS SOT23-5    | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX3180EUK-T</a><br>Description: IC RCVR RS232 1.5MBPS SOT23-5    | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX3181EUK-T</a><br>Description: IC RCVR RS232 1.5MBPS SOT23-5    | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX317ESA+</a><br>Description: IC SWITCH SPST 8SOIC               | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX317CPA+</a><br>Description: IC SWITCH SPST 8DIP                | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX317EPA</a><br>Description: IC SWITCH SPST 8DIP                 | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX3181EUK+T</a><br>Description: IC RS-232 RX 1.5MBPS SOT23-5     | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX317EPA+</a><br>Description: IC SWITCH SPST 8DIP                | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX317CPA</a><br>Description: IC SWITCH SPST 8DIP                 | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX3180EEUK-T</a><br>Description: IC RCVR RS232 1.5MBPS SOT23-5   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX31790EVKIT#</a><br>Description: KIT EVAL FOR MAX31790          | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX317CSA+</a><br>Description: IC SWITCH SPST 8SOIC               | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX317CSA+T</a><br>Description: IC SWITCH SPST 8SOIC              | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX3181EEUK+T</a><br>Description: IC RS-232 RX 1.5MBPS SOT23-5    | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX317ESA</a><br>Description: IC SWITCH SPST 8SOIC                | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |

Related keywords for MAX317ESA+T

|                                |                         |                      |                   |
|--------------------------------|-------------------------|----------------------|-------------------|
| Maxim Integrated MAX317ESA+T   | MAX317ESA+T distributor | MAX317ESA+T supplier | MAX317ESA+T price |
| MAX317ESA+T download datasheet | MAX317ESA+T datasheet   | MAX317ESA+T stock    | buy MAX317ESA+T   |
| Maxim Integrated MAX317ESA+T   |                         |                      |                   |