

MAX4196ESA



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**Part Number:** [MAX4196ESA](#)

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

**Description:** IC OPAMP INSTR 34KHZ RRO 8SOIC

**Data sheet:**  [MAX4194-97](#)  
 [Part Numbering System](#)

**RoHs Status:** Contains lead / RoHS non-compliant

**Ship From:** Hong Kong

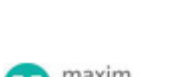
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| PRODUCT PARAMETER                |                                                         |                                   |                                                                     |
|----------------------------------|---------------------------------------------------------|-----------------------------------|---------------------------------------------------------------------|
| Part Number                      | MAX4196ESA                                              | Manufacturer                      | <a href="#">Maxim Integrated</a>                                    |
| Description                      | IC OPAMP INSTR 34KHZ RRO 8SOIC                          | Lead Free Status / RoHS Status    | Contains lead / RoHS non-compliant                                  |
| Quantity Available               | 5367 pcs                                                | Data sheet                        | <a href="#">MAX4194-97</a><br><a href="#">Part Numbering System</a> |
| Category                         | <a href="#">Integrated Circuits (ICs)</a>               | Voltage - Supply, Single/Dual (±) | 2.7 V ~ 7.5 V, ±1.35 V ~ 3.75 V                                     |
| Voltage - Input Offset           | 100µV                                                   | Supplier Device Package           | 8-SOIC                                                              |
| Slew Rate                        | 0.06 V/µs                                               | Series                            | -                                                                   |
| Packaging                        | Tube                                                    | Package / Case                    | 8-SOIC (0.154", 3.90mm Width)                                       |
| Output Type                      | Rail-to-Rail                                            | Operating Temperature             | -40°C ~ 85°C                                                        |
| Number of Circuits               | 1                                                       | Mounting Type                     | Surface Mount                                                       |
| Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                           | Lead Free Status / RoHS Status    | Contains lead / RoHS non-compliant                                  |
| Detailed Description             | Instrumentation Amplifier 1 Circuit Rail-to-Rail 8-SOIC | Current - Supply                  | 93µA                                                                |
| Current - Output / Channel       | 4.5mA                                                   | Current - Input Bias              | 6nA                                                                 |
| Base Part Number                 | MAX4196                                                 | Amplifier Type                    | Instrumentation                                                     |
| -3db Bandwidth                   | 34kHz                                                   |                                   |                                                                     |

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|  | Part#: <a href="#">MAX4194ESA+T</a><br>Description: IC OPAMP INSTR 250KHZ RRO 8SOIC     | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX4198ESA</a><br>Description: IC OPAMP DIFF 175KHZ RRO 8SOIC        | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
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