

MAX11607EUA+



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Part Number: [MAX11607EUA+](#)

Manufacturer: [Maxim Integrated](#)

Description: IC ADC I2C/SRL 10BIT 4CH 8UMAX

Data sheet:  [MAX11606-11](#)  
 [Part Numbering System](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                                 |                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|----------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                | MAX11607EUA+                              | Manufacturer                    | <a href="#">Maxim Integrated</a>                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC ADC I2C/SRL 10BIT 4CH 8UMAX            | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                         | 60664 pcs                                 | Data sheet                      | <a href="#">MAX11606-11</a><br><a href="#">Part Numbering System</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Digital       | 2.7 V ~ 3.6 V                                                        |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2.7 V ~ 3.6 V                             | Supplier Device Package         | 8-uMAX                                                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                         | Sampling Rate (Per Second)      | 94.4k                                                                |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                             | External, Internal                        | Ratio - S/H:ADC                 | 1:1                                                                  |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Tube                                      | Package / Case                  | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)                               |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                      | -40°C ~ 85°C                              | Number of Inputs                | 2, 4                                                                 |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10                                        | Number of A/D Converters        | 1                                                                    |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                           | 1 (Unlimited)                             | Manufacturer Standard Lead Time | 6 Weeks                                                              |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                             | Lead free / RoHS Compliant                | Input Type                      | Differential, Single Ended                                           |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                         | Detailed Description            | 10 Bit Analog to Digital Converter 2, 4 Input 1 SAR 8-uMAX           |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                                             | I <sup>2</sup> C                          | Configuration                   | MUX-S/H-ADC                                                          |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                           | MAX11607                                  | Architecture                    | SAR                                                                  |
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