

MAX11617EEE+



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Part Number: [MAX11617EEE+](#)

Manufacturer: [Maxim Integrated](#)

Description: IC ADC 12BIT I2C/SRL 16QSOP

Data sheet:  [MAX11612-17](#)  
 [Part Numbering System](#)

RoHs Status: Lead free / RoHS Compliant

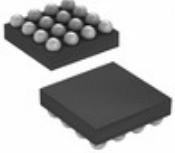
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| PRODUCT PARAMETER                |                                           |                                 |                                                                      |
|----------------------------------|-------------------------------------------|---------------------------------|----------------------------------------------------------------------|
| Part Number                      | MAX11617EEE+                              | Manufacturer                    | <a href="#">Maxim Integrated</a>                                     |
| Description                      | IC ADC 12BIT I2C/SRL 16QSOP               | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                           |
| Quantity Available               | 21093 pcs                                 | Data sheet                      | <a href="#">MAX11612-17</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         | 16-QSOP                                                              |
| Series                           | -                                         | Sampling Rate (Per Second)      | 94.4k                                                                |
| Reference Type                   | External, Internal                        | Ratio - S/H:ADC                 | 1:1                                                                  |
| Packaging                        | Tube                                      | Package / Case                  | 16-SSOP (0.154", 3.90mm Width)                                       |
| Operating Temperature            | -40°C ~ 85°C                              | Number of Inputs                | 6, 12                                                                |
| Number of Bits                   | 12                                        | 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            | 12 Bit Analog to Digital Converter 6, 12 Input 1 SAR 16-QSOP         |
| Data Interface                   | I <sup>2</sup> C                          | Configuration                   | MUX-S/H-ADC                                                          |
| Base Part Number                 | MAX11617                                  | Architecture                    | SAR                                                                  |

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Related keywords for MAX11617EEE+

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