

MAX11604EEE+T



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**Part Number:** [MAX11604EEE+T](#)

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

**Description:** IC ADC SERIAL 8BIT 12CH 16-QSOP

**Data sheet:**  [Part Numbering System](#)  
 [MAX11600-05](#)

**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                      | MAX11604EEE+T                             | Manufacturer                    | <a href="#">Maxim Integrated</a>                                     |
| Description                      | IC ADC SERIAL 8BIT 12CH 16-QSOP           | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                           |
| Quantity Available               | 42726 pcs                                 | Data sheet                      | <a href="#">Part Numbering System</a><br><a href="#">MAX11600-05</a> |
| Category                         | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Digital       | 5V                                                                   |
| Voltage - Supply, Analog         | 5V                                        | Supplier Device Package         | 16-QSOP                                                              |
| Series                           | -                                         | Sampling Rate (Per Second)      | 188k                                                                 |
| Reference Type                   | External, Internal                        | Ratio - S/H:ADC                 | 1:1                                                                  |
| Packaging                        | Tape & Reel (TR)                          | Package / Case                  | 16-SSOP (0.154", 3.90mm Width)                                       |
| Operating Temperature            | -40°C ~ 85°C                              | Number of Inputs                | 6, 12                                                                |
| Number of Bits                   | 8                                         | 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                      | Pseudo-Differential, Single Ended                                    |
| Features                         | -                                         | Detailed Description            | 8 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                 | MAX11604                                  | Architecture                    | SAR                                                                  |

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