

MAX5888AEGK+D



Part Number: [MAX5888AEGK+D](#)

Manufacturer: [Maxim Integrated](#)

Description: IC DAC 16BIT 3.3V 500MSPS 68-QFN

Data sheet:  [MAX5888](#)  
 [Part Numbering System](#)

RoHs Status: Lead free / RoHS Compliant

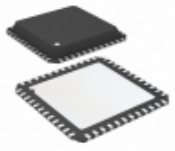
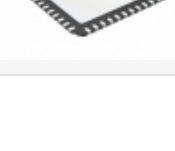
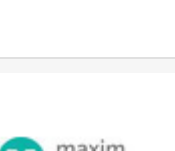
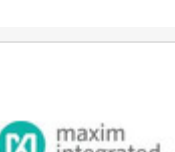
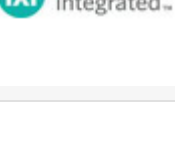
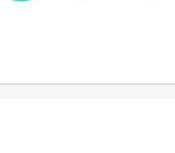
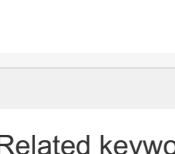
Ship From: Hong Kong

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                        |                                  |                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|----------------------------------|------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                | MAX5888AEGK+D                                          | Manufacturer                     | <a href="#">Maxim Integrated</a>                                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC DAC 16BIT 3.3V 500MSPS 68-QFN                       | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1158 pcs                                               | Data sheet                       | <a href="#">MAX5888</a><br><a href="#">Part Numbering System</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a>              | Voltage - Supply, Digital        | 3.135 V ~ 3.465 V                                                |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                   | 3.135 V ~ 3.465 V                                      | Supplier Device Package          | 68-QFN-EP (10x10)                                                |
| Settling Time                                                                                                                                                                                                                                                                                                                                                                                                                                              | 11µs (Typ)                                             | Series                           | -                                                                |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                             | External, Internal                                     | Packaging                        | Tube                                                             |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                             | 68-VFQFN Exposed Pad                                   | Output Type                      | Current - Unbuffered                                             |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                | MAX5888AEGKD                                           | Operating Temperature            | -40°C ~ 85°C                                                     |
| Number of D/A Converters                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1                                                      | Number of Bits                   | 16                                                               |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                              | Surface Mount                                          | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                    |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                            | 6 Weeks                                                | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                       |
| INL/DNL (LSB)                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                                      | Differential Output              | Yes                                                              |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                       | 16 Bit Digital to Analog Converter 1 68-QFN-EP (10x10) | Data Interface                   | LVDS - Parallel                                                  |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                           | MAX5888                                                | Architecture                     | Current Steering                                                 |
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