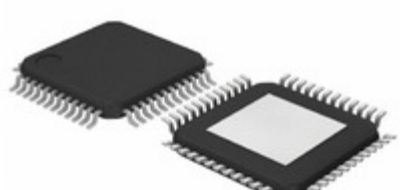


MAX1180ECM+TD





Part Number: [MAX1180ECM+TD](#)

Manufacturer: [Maxim Integrated](#)

Description: IC ADC 10BIT 105MSPS DL 48-TQFP

Data sheet:  [Part Numbering System](#)  
 [MAX1180](#)

RoHs Status: Lead free / RoHS Compliant

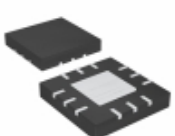
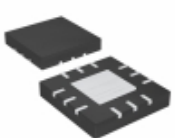
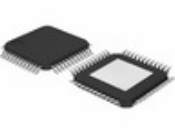
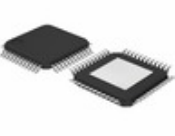
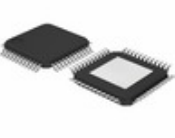
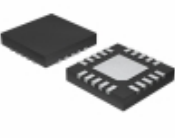
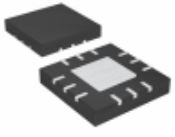
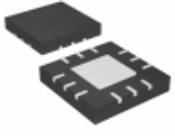
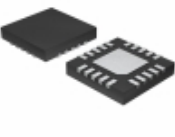
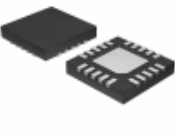
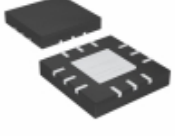
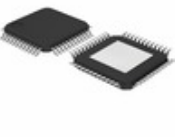
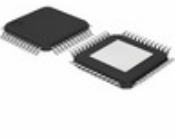
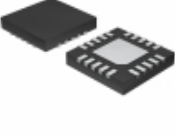
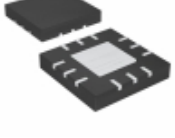
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                         |                                |                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|--------------------------------|------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                | MAX1180ECM+TD                                                           | Manufacturer                   | <a href="#">Maxim Integrated</a>                                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC ADC 10BIT 105MSPS DL 48-TQFP                                         | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                         | 5616 pcs                                                                | Data sheet                     | <a href="#">Part Numbering System</a><br><a href="#">MAX1180</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        | 48-TQFP-EP (7x7)                                                 |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                                                       | Sampling Rate (Per Second)     | 105M                                                             |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                             | External, Internal                                                      | Ratio - S/H:ADC                | 1:1                                                              |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Tape & Reel (TR)                                                        | Package / Case                 | 48-TQFP Exposed Pad                                              |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                      | -40°C ~ 85°C                                                            | Number of Inputs               | 2                                                                |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10                                                                      | Number of A/D Converters       | 2                                                                |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                           | 3 (168 Hours)                                                           | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                       |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Differential, Single Ended                                              | Features                       | Simultaneous Sampling                                            |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                       | 10 Bit Analog to Digital Converter 2 Input 2 Pipelined 48-TQFP-EP (7x7) | Data Interface                 | Parallel                                                         |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                              | S/H-ADC                                                                 | Base Part Number               | MAX1180                                                          |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                               | Pipelined                                                               |                                |                                                                  |
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| RELATED PRODUCTS                                                                   |                                                                                      |                                                 |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------|----------------|
|  | Part#: <a href="#">MAX11803ETC+</a><br>Description: IC SCREEN CNTRL 12BIT 12TQFN     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11803ETC/V+</a><br>Description: IC SCREEN CNTRL 12BIT 12TQFN   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11802EWC+T</a><br>Description: IC SCREEN CNTRL 12BIT 12WLP     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1180ECM+D</a><br>Description: IC ADC 10BIT 105MSPS DL 48-TQFP  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1181ECM+D</a><br>Description: IC ADC 10BIT 80MSPS DUAL 48-TQFP | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1182ECM+D</a><br>Description: IC ADC 10BIT 65MSPS DUAL 48-TQFP | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11801TEVS+</a><br>Description: KIT EVAL TOUCH SCREEN           | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1181EVKIT</a><br>Description: EVAL KIT FOR MAX1181             | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11811GTP/V+</a><br>Description: IC SCREEN CNTRL 12BIT 20TQFN   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11803ETC+T</a><br>Description: IC SCREEN CNTRL 12BIT 12TQFN    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11802ETC+</a><br>Description: IC SCREEN CNTRL 12BIT 12TQFN     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11811ETP+</a><br>Description: IC SCREEN CNTRL 12BIT 20TQFN     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11811GTP/V+T</a><br>Description: IC SCREEN CNTRL 12BIT 20TQFN  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11803ETC/V+T</a><br>Description: IC SCREEN CNTRL 12BIT 12TQFN  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1182ECM+TD</a><br>Description: IC ADC 10BIT 65MSPS DL 48-TQFP  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1181ECM+TD</a><br>Description: IC ADC 10BIT 80MSPS DL 48-TQFP  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11803EWC+T</a><br>Description: IC SCREEN CNTRL 12BIT 12WLP     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11811ETP+T</a><br>Description: IC SCREEN CNTRL 12BIT 20TQFN    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11802ETC+T</a><br>Description: IC SCREEN CNTRL 12BIT 12TQFN    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11811TEVS+</a><br>Description: EVAL KIT FOR MAX11811           | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |

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