

MAX1076CTC+T



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Part Number: [MAX1076CTC+T](#)

Manufacturer: [Maxim Integrated](#)

Description: IC ADC 10BIT 1.8MSPS 12-TQFN

Data sheet:  [MAX1076,78](#)  
 [Part Numbering System](#)

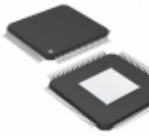
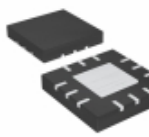
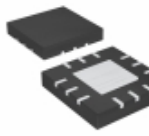
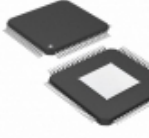
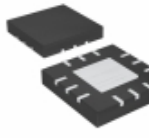
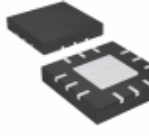
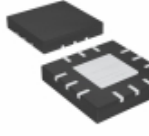
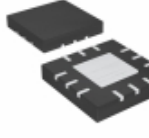
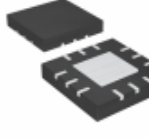
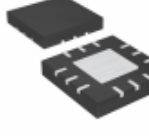
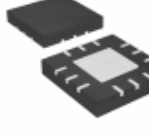
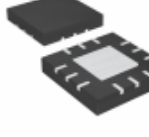
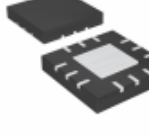
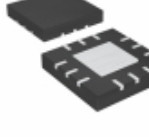
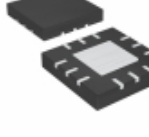
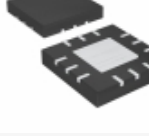
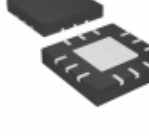
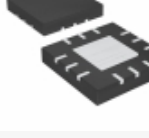
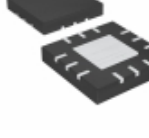
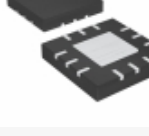
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                |                                |                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|--------------------------------|---------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                               | MAX1076CTC+T                                                   | Manufacturer                   | <a href="#">Maxim Integrated</a>                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC ADC 10BIT 1.8MSPS 12-TQFN                                   | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                        | 4249 pcs                                                       | Data sheet                     | <a href="#">MAX1076,78</a><br><a href="#">Part Numbering System</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>                      | Voltage - Supply, Digital      | 1.8 V ~ 5.25 V                                                      |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                  | 5V                                                             | Supplier Device Package        | 12-TQFN (4x4)                                                       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                                              | Sampling Rate (Per Second)     | 1.8M                                                                |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                            | Internal                                                       | Ratio - S/H:ADC                | 1:1                                                                 |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Tape & Reel (TR)                                               | Package / Case                 | 12-WQFN Exposed Pad                                                 |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                     | -40°C ~ 85°C                                                   | Number of Inputs               | 1                                                                   |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                            | 10                                                             | Number of A/D Converters       | 1                                                                   |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                          | 1 (Unlimited)                                                  | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                          |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                                                                | Differential                                                   | Features                       | -                                                                   |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                      | 10 Bit Analog to Digital Converter 1 Input 1 SAR 12-TQFN (4x4) | Data Interface                 | SPI                                                                 |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                             | S/H-ADC                                                        | Base Part Number               | MAX1076                                                             |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                              | SAR                                                            |                                |                                                                     |
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| RELATED PRODUCTS                                                                   |                                                                                   |                                                 |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------|----------------|
|  | Part#: <a href="#">MAX107ECS+T</a><br>Description: IC ADC 6BIT 400MSPS DL 80-TQFP | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1078CTC+T</a><br>Description: IC ADC 10BIT 1.8MSPS 12-TQFN  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1071ETC+</a><br>Description: IC ADC 10BIT 1.5MSPS 12-TQFN   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX107ECS+</a><br>Description: IC ADC 6BIT 400MSPS DL 80-TQFP  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1076ETC+</a><br>Description: IC ADC 10BIT 1.8MSPS 12-TQFN   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX1076CTC+</a><br>Description: IC ADC 10BIT 1.8MSPS 12-TQFN   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1077ETC+T</a><br>Description: IC ADC 10BIT 1.5MSPS 12-TQFN  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX1076ETC+T</a><br>Description: IC ADC 10BIT 1.8MSPS 12-TQFN  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1075CTC+T</a><br>Description: IC ADC 10BIT 1.8MSPS 12-TQFN  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1072ETC+</a><br>Description: IC ADC 10BIT 1.8MSPS 12-TQFN   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1079CTC+T</a><br>Description: IC ADC 10BIT 1.5MSPS 12-TQFN  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX1070ETC+T</a><br>Description: IC ADC 10BIT 1.5MSPS 12-TQFN  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |

Related keywords for MAX1076CTC+T

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