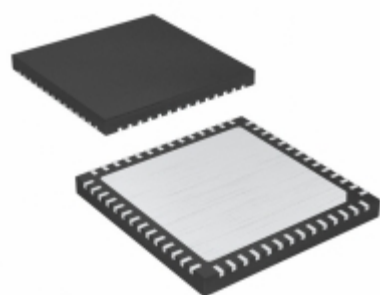


MAX11047ETN+T





Part Number: [MAX11047ETN+T](#)

Manufacturer: [Maxim Integrated](#)

Description: IC ADC 16BIT 250KSPS SAR 56TQFN

Data sheet:  [MAX11047-59](#)  
 [Part Numbering System](#)

RoHs Status: Lead free / RoHS Compliant

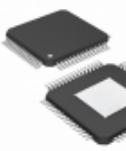
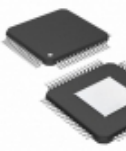
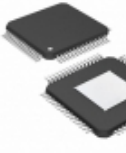
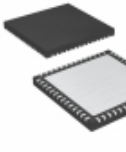
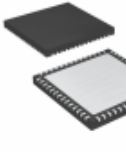
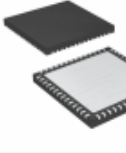
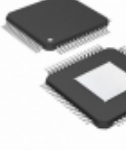
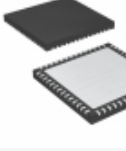
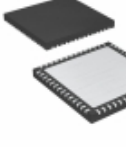
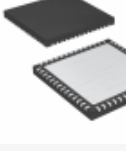
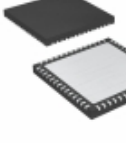
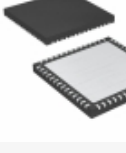
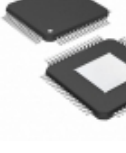
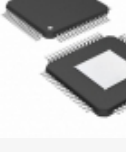
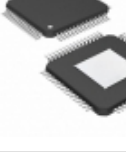
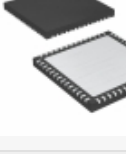
Ship From: Hong Kong

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                                                                                                                                                                                                                                                                                                                                                                                                                                                | MAX11047ETN+T                                                  | Manufacturer                   | <a href="#">Maxim Integrated</a>                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC ADC 16BIT 250KSPS SAR 56TQFN                                | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                         | 6009 pcs                                                       | Data sheet                     | <a href="#">MAX11047-59</a><br><a href="#">Part Numbering System</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a>                      | Voltage - Supply, Digital      | 2.7 V ~ 5.25 V                                                       |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                   | 5V                                                             | Supplier Device Package        | 56-TQFN (8x8)                                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                                              | Sampling Rate (Per Second)     | 250k                                                                 |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                             | External, Internal                                             | Ratio - S/H:ADC                | 1:1                                                                  |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Tape & Reel (TR)                                               | Package / Case                 | 56-WFQFN Exposed Pad                                                 |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                      | -40°C ~ 85°C                                                   | Number of Inputs               | 4                                                                    |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                             | 16                                                             | Number of A/D Converters       | 4                                                                    |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                           | 3 (168 Hours)                                                  | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                           |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Single Ended                                                   | Features                       | Simultaneous Sampling                                                |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                       | 16 Bit Analog to Digital Converter 4 Input 4 SAR 56-TQFN (8x8) | Data Interface                 | Parallel                                                             |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                              | S/H-ADC                                                        | Base Part Number               | MAX11047                                                             |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                               | SAR                                                            |                                |                                                                      |
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| RELATED PRODUCTS                                                                   |                                                                                      |                                                 |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------|----------------|
|  | Part#: <a href="#">MAX11047ECB+</a><br>Description: IC ADC 16BIT PAR 250KSPS 64TQFP  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11046BECB+T</a><br>Description: IC ADC 16BIT PAR 8CH 64TQFP    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1104EUA+W</a><br>Description: IC CODEC 8BIT 2.7V-5.5V 8-UMAX   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1104EUA+</a><br>Description: IC CODEC 8BIT 8-UMAX              | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1104EUA+T</a><br>Description: IC CODEC 8BIT 8-UMAX             | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11048ECB+</a><br>Description: IC ADC 16BIT PAR 250KSPS 64TQFP  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11046EVKIT+</a><br>Description: KIT EVALUATION FOR MAX11046    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11049ETN+</a><br>Description: IC 16BIT PAR 250KSPS 56TQFN      | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11046BETN+</a><br>Description: IC ADC 16BIT PAR 8CH 56TQFN     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11046ETN+T</a><br>Description: ADC 16BIT SAMPLING 8CH 56-TQFN  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11046ECB+T</a><br>Description: IC ADC 16BIT PAR 250KSPS 64TQFP | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11046BETN+T</a><br>Description: IC ADC 16BIT PAR 8CH 56TQFN    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11048ETN+</a><br>Description: IC 16BIT PAR 250KSPS 56TQFN      | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11046ETN+</a><br>Description: ADC 16BIT SAMPLING 8CH 56-TQFN   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11049ETN+T</a><br>Description: IC ADC 16BIT 250KSPS SAR 56TQFN | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX11049ECB+T</a><br>Description: IC ADC 16BIT PAR 250KSPS 64TQFP | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11046ECB+</a><br>Description: IC ADC 16BIT PAR 250K 8CH 64TQFP | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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