

MAX11637EEE+T



Part Number:

MAX11637EEE+T

Manufacturer:

Maxim Integrated

Description:

IC ADC 12BIT 8CH 16QSOP

Data sheet:

MAX11634-37

Part Numbering System

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

Shipment Way:

DHL/Fedex/TNT/UPS/EMS

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                           |                                 |                                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|----------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                 | MAX11637EEE+T                             | Manufacturer                    | Maxim Integrated                                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                 | IC ADC 12BIT 8CH 16QSOP                   | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                          | 28894 pcs                                 | Data sheet                      | <a href="#">MAX11634-37</a><br><a href="#">Part Numbering System</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         | 16-QSOP                                                              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -                                         | Sampling Rate (Per Second)      | 300k                                                                 |
| 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                | 4, 8                                                                 |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                              | 12                                        | 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                      | Differential, Single Ended                                           |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                         | Detailed Description            | 12 Bit Analog to Digital Converter 4, 8 Input 1 SAR 16-QSOP          |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                                              | SPI                                       | Configuration                   | S/H-ADC                                                              |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                            | MAX11637                                  | Architecture                    | SAR                                                                  |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                                 |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------|----------------|
|  | Part#: <a href="#">MAX11634EEEE+T</a><br>Description: IC ADC 12BIT SRL 300KSPS 16QSOP  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11643EEG+</a><br>Description: IC ADC 8BIT SRL 300KSPS 24QSOP     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11634EEEE+</a><br>Description: IC ADC 12BIT SRL 1CH 16QSOP       | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11636EEEE+T</a><br>Description: IC ADC 12BIT 8CH 16QSOP          | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11635EVSYS#</a><br>Description: KIT EVAL SYSTEM                  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX11644EUA+</a><br>Description: IC ADC 12BIT I2C/SRL 1CH 8UMAX     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11636EEEE+</a><br>Description: IC ADC 12BIT SRL 300KSPS 16QSOP   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11633EVSYS#</a><br>Description: EVALUATION SYSTEM                | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11638EEEE+T</a><br>Description: IC ADC 8BIT 8CH 16QSOP           | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11637EEE+</a><br>Description: IC ADC 12BIT SRL 300KSPS 16QSOP    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX11638EEEE+</a><br>Description: IC ADC 8BIT SRL 300KSPS 16QSOP    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11635EEEE+</a><br>Description: IC ADC 12BIT SRL 1CH 16QSOP       | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11639EEEE+</a><br>Description: IC ADC 8BIT SRL 300KSPS 16QSOP    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11635EVKIT#</a><br>Description: EVAL KIT MAX11635 (12-BIT 300KSP | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11635EEEE+T</a><br>Description: IC ADC 12BIT SRL 300KSPS 16QSOP  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11643EEG+T</a><br>Description: IC ADC 8BIT 8CH 24QSOP            | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11639EEEE+T</a><br>Description: IC ADC 8BIT 8CH 16QSOP           | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11644EUA+T</a><br>Description: IC ADC 12BIT SERIAL 8-UMAX        | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |

|                                    |                           |                        |                     |
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