

MAX1241BESA



**Part Number:** [MAX1241BESA](#)

**Manufacturer:** [Maxim Integrated](#)

**Description:** IC ADC LP 12-BIT SERIAL 8-SOIC

**Data sheet:**  [MAX1240/41](#)  
 [Part Numbering System](#)

**RoHs Status:** Contains lead / RoHS non-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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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                         |                                |                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|--------------------------------|---------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                              | MAX1241BESA                                             | Manufacturer                   | <a href="#">Maxim Integrated</a>                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC ADC LP 12-BIT SERIAL 8-SOIC                          | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                       | 5936 pcs                                                | Data sheet                     | <a href="#">MAX1240/41</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                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2.7 V ~ 5.25 V                                          | Supplier Device Package        | 8-SOIC                                                              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                                       | Sampling Rate (Per Second)     | 73k                                                                 |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                           | External                                                | Ratio - S/H:ADC                | 1:1                                                                 |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                | Tube                                                    | Package / Case                 | 8-SOIC (0.154", 3.90mm Width)                                       |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                    | -40°C ~ 85°C                                            | Number of Inputs               | 1                                                                   |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                           | 12                                                      | Number of A/D Converters       | 1                                                                   |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                         | 1 (Unlimited)                                           | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                  |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                                                               | Single Ended                                            | Features                       | -                                                                   |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                     | 12 Bit Analog to Digital Converter 1 Input 1 SAR 8-SOIC | Data Interface                 | SPI                                                                 |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                            | S/H-ADC                                                 | Base Part Number               | MAX1241                                                             |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                             | SAR                                                     |                                |                                                                     |
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| RELATED PRODUCTS                                                                   |                                                                                     |                                                 |                     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------|---------------------|
|  | Part#: <a href="#">MAX1241CCSA</a><br>Description: IC ADC LP 12-BIT SERIAL 8-SOIC   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1241CCPA+</a><br>Description: IC ADC 12BIT SERIAL 8-DIP       | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1241BEPA+</a><br>Description: IC ADC 12BIT SERIAL 8-DIP       | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1241AESA</a><br>Description: IC ADC SRL 12BIT 2.7V 8-SOIC     | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1241BCSA+T</a><br>Description: IC ADC 12BIT SERIAL 8-SOIC     | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1241BEPA</a><br>Description: IC ADC LP 12-BIT SERIAL 8-DIP    | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">MAX1241CEPA+</a><br>Description: IC ADC 12BIT SERIAL 8-DIP       | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1241AESA+</a><br>Description: IC ADC SRL 12BIT 2.7V 8-SOIC    | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
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Related keywords for MAX1241BESA

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