

MAX152EWP



**Part Number:** [MAX152EWP](#)

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

**Description:** IC ADC 8-BIT 1UA PWR DWN 20-SOIC

**Data sheet:**  [MAX152](#)  
 [Part Numbering System](#)

**RoHs Status:** Contains lead / RoHS non-compliant

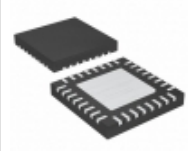
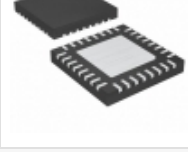
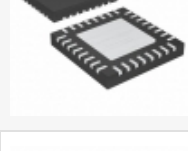
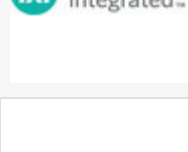
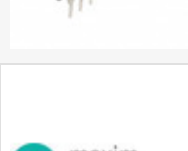
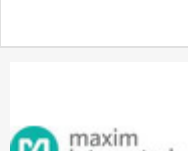
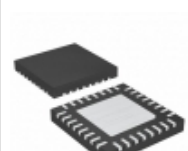
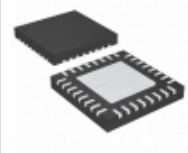
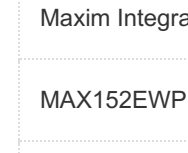
**Ship From:** Hong Kong

**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                                                                                                                                                                                                                                                                                                                                                                                                                                            | MAX152EWP                                                 | Manufacturer                   | <a href="#">Maxim Integrated</a>                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC ADC 8-BIT 1UA PWR DWN 20-SOIC                          | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                     | 5120 pcs                                                  | Data sheet                     | <a href="#">MAX152</a><br><a href="#">Part Numbering System</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a>                 | Voltage - Supply, Digital      | ±3 V ~ 3.6 V                                                    |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                               | ±3 V ~ 3.6 V                                              | Supplier Device Package        | 20-SOIC                                                         |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                                         | Sampling Rate (Per Second)     | 400k                                                            |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                         | External                                                  | Ratio - S/H:ADC                | 1:1                                                             |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                              | Tube                                                      | Package / Case                 | 20-SOIC (0.295", 7.50mm Width)                                  |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                  | -40°C ~ 85°C                                              | Number of Inputs               | 1                                                               |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                         | 8                                                         | 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                                                                                                                                                                                                                                                                                                                                                                                                                                   | 8 Bit Analog to Digital Converter 1 Input 1 Flash 20-SOIC | Data Interface                 | Parallel                                                        |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                          | S/H-ADC                                                   | Base Part Number               | MAX152                                                          |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                           | Flash                                                     |                                |                                                                 |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                                 |                     |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------|---------------------|
|  | Part#: <a href="#">MAX15301AA02+CJK</a><br>Description: IC REG CTRLR BUCK PMBUS 32TQFN  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX152EAP</a><br>Description: IC ADC 8-BIT 1UA PWR DWN 20-SSOP       | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX15301AA02+TCJK</a><br>Description: IC REG CTRLR BUCK PMBUS 32TQFN | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX15301ETI+</a><br>Description: IC REG CTRLR BUCK PMBUS 32TQFN      | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX15301EVKITHP#</a><br>Description: KIT EVALUATION MAX15301         | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX15303AA00+CM</a><br>Description: IC REG BUCK ADJ 6A SYNC 40TQFN   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX152EVKIT-DIP</a><br>Description: EVALUATION KIT FOR MAX152/153    | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX152EPP</a><br>Description: IC ADC 8-BIT 1UA PWR DWN 20-DIP        | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX152EAP+T</a><br>Description: IC ADC 8BIT 1UA PWR-DWN 20-SSOP      | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX152EWP+</a><br>Description: IC ADC 8BIT 1UA PWR-DWN 20-SOIC       | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX152CPP</a><br>Description: IC ADC W/PWR DOWN 8BIT 3V 20-DIP       | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX152EAP+</a><br>Description: IC ADC 8BIT 1UA PWR-DWN 20-SSOP       | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX15301AA01+TCK</a><br>Description: IC REG CTRLR BUCK PMBUS 32TQFN  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX152CWP</a><br>Description: IC ADC 8BIT 3V 1UA PWRDWN 20SOIC       | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX15301AA01+CK</a><br>Description: IC REG CTRLR BUCK PMBUS 32TQFN   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX152EPP+</a><br>Description: IC ADC 8BIT 1UA PWR-DWN 20-DIP        | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX152CPP+</a><br>Description: IC ADC 8BIT 1UA PWR-DWN 20-DIP        | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX152CWP+</a><br>Description: IC ADC 8BIT 1UA PWR-DWN 20-SOIC       | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX15301ETJ+T</a><br>Description: IC REG CTRLR BUCK PMBUS 32TQFN     | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
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