

MAX191BCWG-T





Part Number: [MAX191BCWG-T](#)

Manufacturer: [Maxim Integrated](#)

Description: IC ADC 12BIT 100KSPS W/REF24SOIC

Data sheet:  [Part Numbering System](#)  
 [MAX191](#)

RoHs Status: Contains lead / RoHS non-compliant

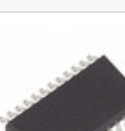
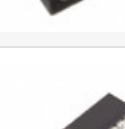
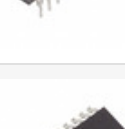
Ship From: Hong Kong

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                          |                                |                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|--------------------------------|-----------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                               | MAX191BCWG-T                                             | Manufacturer                   | <a href="#">Maxim Integrated</a>                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC ADC 12BIT 100KSPS W/REF24SOIC                         | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                        | 4288 pcs                                                 | Data sheet                     | <a href="#">Part Numbering System</a><br><a href="#">MAX191</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>                | Voltage - Supply, Digital      | 5V                                                              |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                  | ±5V, 5V                                                  | Supplier Device Package        | 24-SOIC                                                         |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                                        | Sampling Rate (Per Second)     | 100k                                                            |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                            | Internal                                                 | Ratio - S/H:ADC                | 1:1                                                             |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Tape & Reel (TR)                                         | Package / Case                 | 24-SOIC (0.295", 7.50mm Width)                                  |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0°C ~ 70°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                                                                                                                                                                                                                                                                                                                                                                                                                                                | Pseudo-Differential                                      | Features                       | -                                                               |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                      | 12 Bit Analog to Digital Converter 1 Input 1 SAR 24-SOIC | Data Interface                 | SPI, Parallel                                                   |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                             | S/H-ADC                                                  | Base Part Number               | MAX191                                                          |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                              | SAR                                                      |                                |                                                                 |
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| RELATED PRODUCTS                                                                   |                                                                                            |                                                 |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------|----------------|
|  | Part#: <a href="#">MAX191BENG+</a><br>Description: IC ADC 12BIT 100KSPS 24-DIP             | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX191BCWG+T</a><br>Description: IC ADC 12BIT 100KSPS 24-SOIC           | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX191BCWG+</a><br>Description: IC ADC 12BIT 100KSPS W/REF24SOIC        | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX191BCWG</a><br>Description: IC ADC 12BIT 100KSPS W/REF24SOIC         | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX191ACWG+</a><br>Description: IC ADC 12BIT 100KSPS 24-SOIC            | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1921EUT15+T</a><br>Description: IC REG BUCK 1.5V 0.4A SYNC SOT23     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX191BC/D</a><br>Description: IC ADC 12BIT LP SAMPLING                 | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX191BEWG+T</a><br>Description: IC ADC 12BIT 100KSPS 24-SOIC           | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1921EUT18+T</a><br>Description: IC REG BUCK 1.8V 0.4A SYNC SOT23     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX191BEWG</a><br>Description: IC ADC 12BIT 100KSPS W/REF24SOIC         | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX191BCNG</a><br>Description: IC ADC 12BIT 100KSPS W/REF 24DIP         | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1921EUT25+T</a><br>Description: IC REG BUCK 2.5V 0.4A SYNC SOT23     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1920ETT+T</a><br>Description: IC REG BUCK ADJ 0.4A SYNC 6TDFN        | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX191BCNG+</a><br>Description: IC ADC 12BIT 100KSPS W/REF 24DIP        | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1921EUT18+TG104</a><br>Description: IC REG BUCK 1.8V 0.4A SYNC SOT23 | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX191ACNG+</a><br>Description: IC ADC 12BIT 100KSPS 24-DIP             | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX191ACWG+T</a><br>Description: IC ADC 12BIT 100KSPS 24-SOIC           | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX191BEWG+</a><br>Description: IC ADC 12BIT 100KSPS W/REF24SOIC        | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1920EUT+T</a><br>Description: IC REG BCK ADJ 0.4A SYNC SOT23-6       | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |

Related keywords for MAX191BCWG-T

|                                 |                          |                       |                    |
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