

MAX1203BCAP+



Part Number: [MAX1203BCAP+](#)

Manufacturer: [Maxim Integrated](#)

Description: IC ADC 12BIT 8CH 20-SSOP

Data sheet:  [MAX1202/03](#)  
 [Part Numbering System](#)

RoHs Status: Lead free / RoHS Compliant

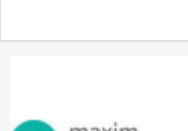
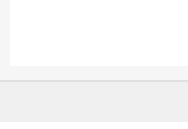
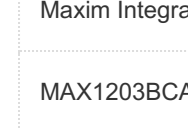
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                             |                                |                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|--------------------------------|---------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                               | MAX1203BCAP+                                                | Manufacturer                   | <a href="#">Maxim Integrated</a>                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC ADC 12BIT 8CH 20-SSOP                                    | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                        | 7235 pcs                                                    | Data sheet                     | <a href="#">MAX1202/03</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, 5V                                                     | Supplier Device Package        | 20-SSOP                                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                                           | Sampling Rate (Per Second)     | 133k                                                                |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                            | External                                                    | Ratio - S/H:ADC                | 1:1                                                                 |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Tube                                                        | Package / Case                 | 20-SSOP (0.209", 5.30mm Width)                                      |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0°C ~ 70°C                                                  | Number of Inputs               | 4, 8                                                                |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                            | 12                                                          | Number of A/D Converters       | 1                                                                   |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                          | 1 (Unlimited)                                               | 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 20-SSOP | Data Interface                 | SPI                                                                 |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                             | MUX-S/H-ADC                                                 | Base Part Number               | MAX1203                                                             |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                              | SAR                                                         |                                |                                                                     |
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