

MAX1281BCUP+T



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Part Number: [MAX1281BCUP+T](#)

Manufacturer: [Maxim Integrated](#)

Description: IC ADC 12BIT 300KSPS 20-TSSOP

Data sheet:  [MAX1280/81](#)  
 [Part Numbering System](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Request For Quotation

| PRODUCT PARAMETER                |                                           |                                 |                                                                     |
|----------------------------------|-------------------------------------------|---------------------------------|---------------------------------------------------------------------|
| Part Number                      | MAX1281BCUP+T                             | Manufacturer                    | <a href="#">Maxim Integrated</a>                                    |
| Description                      | IC ADC 12BIT 300KSPS 20-TSSOP             | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                          |
| Quantity Available               | 7817 pcs                                  | Data sheet                      | <a href="#">MAX1280/81</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         | 20-TSSOP                                                            |
| Series                           | -                                         | Sampling Rate (Per Second)      | 300k                                                                |
| Reference Type                   | External, Internal                        | Ratio - S/H:ADC                 | 1:1                                                                 |
| Packaging                        | Tape & Reel (TR)                          | Package / Case                  | 20-TSSOP (0.173", 4.40mm 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)                             | Manufacturer Standard Lead Time | 6 Weeks                                                             |
| Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                | Input Type                      | Pseudo-Differential, Single Ended                                   |
| Features                         | -                                         | Detailed Description            | 12 Bit Analog to Digital Converter 4, 8 Input 1 SAR 20-TSSOP        |
| Data Interface                   | SPI                                       | Configuration                   | MUX-S/H-ADC                                                         |
| Base Part Number                 | MAX1281                                   | Architecture                    | SAR                                                                 |

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