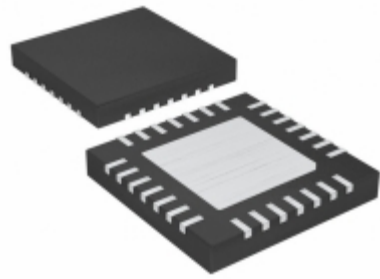


MAX1231BCTI+





Part Number: [MAX1231BCTI+](#)

Manufacturer: [Maxim Integrated](#)

Description: IC ADC 12-BIT 300KSPS 28TQFN

Data sheet:  [MAX1227,29,31](#)
 [Part Numbering System](#)

RoHs Status: Lead free / RoHS Compliant

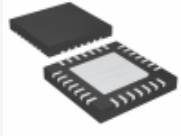
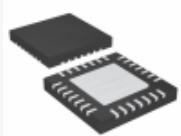
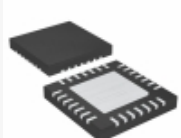
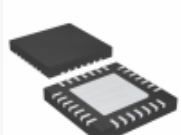
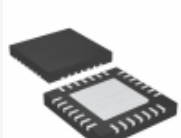
Ship From: Hong Kong

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

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See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MAX1231BCTI+	Manufacturer	Maxim Integrated
Description	IC ADC 12-BIT 300KSPS 28TQFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	10333 pcs	Data sheet	MAX1227,29,31 Part Numbering System
Category	Integrated Circuits (ICs)	Voltage - Supply, Digital	2.7 V ~ 3.6 V
Voltage - Supply, Analog	2.7 V ~ 3.6 V	Supplier Device Package	28-TQFN (5x5)
Series	-	Sampling Rate (Per Second)	300k
Reference Type	External, Internal	Ratio - S/H:ADC	1:1
Packaging	Tube	Package / Case	28-WFQFN Exposed Pad
Operating Temperature	0°C ~ 70°C	Number of Inputs	8, 16
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	Differential, Single Ended
Features	Temperature Sensor	Detailed Description	12 Bit Analog to Digital Converter 8, 16 Input 1 SAR 28-TQFN (5x5)
Data Interface	SPI	Configuration	S/H-ADC
Base Part Number	MAX1231	Architecture	SAR
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	Part#: MAX1231AEEG+T Description: IC ADC 12BIT 300KSPS 24-QSOP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX1230BETI+ Description: IC ADC 12BIT 300KSPS 28-TQFN	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX1230BEEG+ Description: IC ADC 12BIT 300KSPS 24-QSOP	Manufacturers: Maxim Integrated	RFQ
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