

Image may be representation.  
See specifications for product details.



## MAX1028BEEP+T

Manufacturer Part Number	<b>MAX1028BEEP+T</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX1028BEEP+T
ECAD Model	Request Free CAD Models
Parts Description	IC ADC 10BIT SAR 20QSOP
Package	20-SSOP (0.154", 3.90mm Width)
Data sheet	<b>MAX1026,28,30.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MAX1028BEEP+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX1028BEEP+T datasheet/specifications on AllelcoElec.com.  
Request a quote for MAX1028BEEP+T, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

MAX1028BEEP+T Tech Specifications

MAX1028BEEP+T - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Number of Inputs	6, 12
Voltage - Supply, Digital	5V	Number of Bits	10
Voltage - Supply, Analog	5V	Number of A/D Converters	1
Supplier Device Package	20-QSOP	Mounting Type	Surface Mount
Series	-	Input Type	Differential, Single Ended
Sampling Rate (Per Second)	300k	Features	Temperature Sensor
Reference Type	External, Internal	Data Interface	SPI
Ratio - S/H:ADC	1:1	Configuration	S/H-ADC
Package / Case	20-SSOP (0.154", 3.90mm Width)	Base Product Number	MAX1028
Package	Tape & Reel (TR)	Architecture	SAR
Operating Temperature	-40°C ~ 85°C		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX1028BEEP+T

Product Attribute				
Part Number	MAX1028BEEP+T	MAX1037EKA	MAX1037EKA+T	MAX1035EUP+
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Number of A/D Converters	1	1	1	1
Number of Inputs	6, 12	2, 4	2, 4	2, 4
Package	Tape & Reel (TR)	Bulk	Tape & Reel (TR)	Tube
Data Interface	SPI	I <sup>2</sup> C	I <sup>2</sup> C	SPI
Configuration	S/H-ADC	MUX-S/H-ADC	MUX-S/H-ADC	MUX-PGA-ADC
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Input Type	Differential, Single Ended	Pseudo-Differential, Single Ended	Pseudo-Differential, Single Ended	Differential, Single Ended
Supplier Device Package	20-QSOP	SOT-23-8	SOT-23-8	20-TSSOP
Features	Temperature Sensor	Internal Oscillator	-	PGA
Package / Case	20-SSOP (0.154", 3.90mm Width)	SOT-23-8	SOT-23-8	20-TSSOP (0.173", 4.40mm Width)
Number of Bits	10	8	8	14
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Sampling Rate (Per Second)	300k	188k	188k	115k
Voltage - Supply, Digital	5V	2.7V ~ 3.6V	2.7V ~ 3.6V	5V
Voltage - Supply, Analog	5V	2.7V ~ 3.6V	2.7V ~ 3.6V	5V
Architecture	SAR	-	SAR	SAR
Ratio - S/H:ADC	1:1	2:1	1:1	-
Series	-	-	-	-
Base Product Number	MAX1028	-	MAX1037	MAX1035
Reference Type	External, Internal	External, Internal	External, Internal	External, Internal

## MAX1028BEEP+T Datasheet PDF

Download MAX1028BEEP+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX1028BEEP+T - Analog Devices Inc./Maxim Integrated.

### Datasheets

[MAX1026,28,30.pdf](#)

### Environmental Information

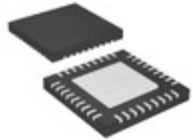








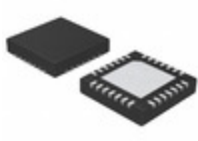








[Maxim Integrated RoHS Cert.pdf](#)

[Material Declaration MAX1028BEEP+T.pdf](#)

 Part Numbering System.pdf

## Customers Also Interested in

### Recommended Products

					
<b>MAX1022BETX+T</b> Analog Devices Inc./Maxim Integrated IC ADC/DAC 10BIT 225K 36TQFN	<b>MAX1037EKA</b> Analog Devices Inc./Maxim Integrated ADC, SUCCESSIVE APPROXIMATION, 8	<b>MAX1020BETX</b> Analog Devices Inc./Maxim Integrated MULTICHANNEL ADCS/DACS	<b>MAX1037EKA+T</b> Analog Devices Inc./Maxim Integrated IC ADC 8BIT SAR SOT23-8	<b>MAX1008CAP C10278</b> Analog Devices / Maxim Integrated	<b>MAX1035EUP+</b> Analog Devices Inc./Maxim Integrated IC ADC 14BIT SAR 20TSSOP
					
<b>MAX1036EKA+T</b> Analog Devices Inc./Maxim Integrated IC ADC 8BIT SAR SOT23-8	<b>MAX1029BCEP+</b> Analog Devices Inc./Maxim Integrated IC ADC 10BIT SAR 20QSOP	<b>MAX1026BCEE</b> Analog Devices / Maxim Integrated	<b>MAX1031BCTI+T</b> Analog Devices Inc./Maxim Integrated IC ADC 10BIT SAR 28TQFN	<b>MAX1003CAX</b> Analog Devices Inc./Maxim Integrated IC ADC 6BIT PIPELINED 36SSOP	<b>MAX1027BCEE+T</b> Analog Devices Inc./Maxim Integrated IC ADC 10BIT SAR 16QSOP
					
<b>MAX1033BEUP+T</b> Analog Devices Inc./Maxim Integrated IC ADC 14BIT SAR 20TSSOP	<b>MAX1005CEE+T</b> Analog Devices Inc./Maxim Integrated IC UNDERSAMPLER IF 16-QSOP	<b>MAX1030BEEG+</b> Analog Devices Inc./Maxim Integrated IC ADC 10BIT SAR 24QSOP	<b>MAX1005EEE+T</b> Analog Devices Inc./Maxim Integrated IC UNDERSAMPLER IF 16-QSOP	<b>MAX1026ETL+T</b> MAXI	<b>MAX1032BEUG+</b> Analog Devices Inc./Maxim Integrated IC ADC 14BIT SAR 24TSSOP

## Shipment

### Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

### Delivery Cost

- > Use your express account for shipment if you have one.
  - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

### Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00




**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support


The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -

 Efficient Supply Management	 Cost-Saving Procurement	 Fast Sourcing & Delivery
--	--	---

Contact us if you have any questions.

 Phone +00852 9146 4856	 Email info@allelco.com
--	--

### Certifications & Memberships



[View More](#)

### Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong  
Phone: +00852 9146 4856  
Fax: +00852 3010 8510  
Email: info@Allelco.com