



Image may be representation.
See specifications for product details.



MAX1320ECM

Manufacturer Part Number	MAX1320ECM
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX1320ECM
ECAD Model	Request Free CAD Models
Parts Description	8-CHANNEL, 14-BIT ADC
Package	48-LQFP
Data sheet	MAX1320ECM.pdf

Get a Quote

MAX1320ECM - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX1320ECM datasheet/specifications on AllelcoElec.com.
Request a quote for MAX1320ECM, please send us email: info@allelco.com

Specifications

MAX1320ECM Tech Specifications
MAX1320ECM - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Operating Temperature	-40°C ~ 85°C
Voltage - Supply, Digital	2.7V ~ 5.25V	Number of Inputs	8
Voltage - Supply, Analog	4.75V ~ 5.25V	Number of Bits	14
Supplier Device Package	48-LQFP (7x7)	Number of A/D Converters	1
Series	-	Mounting Type	Surface Mount
Sampling Rate (Per Second)	526k	Input Type	Single Ended
Reference Type	External, Internal	Features	Simultaneous Sampling
Ratio - S/H:ADC	8:1	Data Interface	Parallel
Package / Case	48-LQFP	Configuration	S/H-MUX-ADC
Package	Bulk	Architecture	SAR

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX1320ECM

Product Attribute				
Part Number	MAX1320ECM	MAX1320ECM+	MAX1320ECM+T	MAX13223EEUP+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Number of Inputs	8	8	8	-
Voltage - Supply, Analog	4.75V ~ 5.25V	5V	5V	-
Ratio - S/H:ADC	8:1	8:1	8:1	-
Supplier Device Package	48-LQFP (7x7)	48-LQFP (7x7)	48-LQFP (7x7)	20-TSSOP
Package	Bulk	Tray	Tape & Reel (TR)	Tape & Reel (TR)
Data Interface	Parallel	Parallel	Parallel	-
Configuration	S/H-MUX-ADC	MUX-S/H-ADC	MUX-S/H-ADC	-
Features	Simultaneous Sampling	Simultaneous Sampling	Simultaneous Sampling	-
Series	-	-	-	-
Input Type	Single Ended	Single Ended	Single Ended	-
Voltage - Supply, Digital	2.7V ~ 5.25V	2.7V ~ 5.25V	2.7V ~ 5.25V	-
Number of A/D Converters	1	1	1	-
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Reference Type	External, Internal	External, Internal	External, Internal	-
Number of Bits	14	14	14	-
Package / Case	48-LQFP	48-LQFP	48-LQFP	20-TSSOP (0.173", 4.40mm Width)
Architecture	SAR	SAR	SAR	-
Sampling Rate (Per Second)	526k	250k	250k	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

Customers Also Interested in

Recommended Products

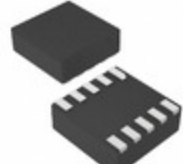
MAX13223EEUP+T Analog Devices Inc./Maxim Integrated IC TRANSCEIVER FULL 2/2 20TSSOP	MAX13208EALB+T Analog Devices Inc./Maxim Integrated TVS DIODE 10UDFN	MAX131CPL Analog Devices / Maxim Integrated	MAX13223EEUP+ Analog Devices Inc./Maxim Integrated IC TRANSCEIVER FULL 2/2 20TSSOP	MAX13204EALT+T Analog Devices Inc./Maxim Integrated TVS DIODE 6UDFN	MAX13234EEUP+ Analog Devices Inc./Maxim Integrated IC TRANSCEIVER FULL 2/2 20TSSOP

**MAX1320ECM+**

Analog Devices Inc./Maxim Integrated
IC ADC 14BIT SAR 48LQFP

**MAX131CMH+TD**

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IC DRVR 7 SEG 3 1/2 DIGIT 44MQFP

**MAX13183EELB+**

Analog Devices Inc./Maxim Integrated
IC TXRX 1/1 RS422/RS485 10UDFN

**MAX13182EELB**

Analog Devices / Maxim Integrated

**MAX131CMH**

Analog Devices Inc./Maxim Integrated
3 1/2 DIGIT ADC

**MAX1320EALT+**

Analog Devices / Maxim Integrated

**MAX1320EALT+T**

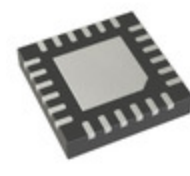
Analog Devices Inc./Maxim Integrated
TVS DIODE 6UDFN

**MAX13234EETP+T**

Analog Devices Inc./Maxim Integrated
IC TRANSCEIVER FULL 2/2 20TQFN

**MAX13184EESD**

Analog Devices / Maxim Integrated

**MAX13234EETP+**

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IC TRANSCEIVER FULL 2/2 20TQFN

**MAX13234EEUP+T**

Analog Devices Inc./Maxim Integrated
IC TRANSCEIVER FULL 2/2 20TSSOP

**MAX1320ECM+T**

Analog Devices Inc./Maxim Integrated
IC ADC 14BIT SAR 48LQFP

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

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Email

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Certifications & Memberships



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