



Image may be representation.  
See specifications for product details.



## MAX1325ECM+

Manufacturer Part Number	<b>MAX1325ECM+</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX1325ECM+
ECAD Model	Request Free CAD Models
Parts Description	IC ADC 14BIT SAR 48LQFP
Package	48-LQFP
Data sheet	<b>MAX1316-26.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MAX1325ECM+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX1325ECM+ datasheet/specifications on AllelcoElec.com. Request a quote for MAX1325ECM+, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MAX1325ECM+ Tech Specifications

MAX1325ECM+ - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Number of Inputs	4
Voltage - Supply, Digital	2.7V ~ 5.25V	Number of Bits	14
Voltage - Supply, Analog	5V	Number of A/D Converters	1
Supplier Device Package	48-LQFP (7x7)	Mounting Type	Surface Mount
Series	-	Input Type	Single Ended
Sampling Rate (Per Second)	357k	Features	Simultaneous Sampling
Reference Type	External, Internal	Data Interface	Parallel
Ratio - S/H:ADC	4:1	Configuration	MUX-S/H-ADC
Package / Case	48-LQFP	Base Product Number	MAX1325
Package	Tray	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 MAX1325ECM+

Product Attribute				
Part Number	MAX1325ECM+	MAX132CNG+	MAX132ENG+	MAX132EWG+
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Ratio - S/H:ADC	4:1	-	-	-
Reference Type	External, Internal	External	External	External
Package	Tray	Tube	Tube	Tube
Base Product Number	MAX1325	MAX132	MAX132	MAX132
Mounting Type	Surface Mount	Through Hole	Through Hole	Surface Mount
Package / Case	48-LQFP	24-DIP (0.300', 7.62mm)	24-DIP (0.300', 7.62mm)	24-SOIC (0.295", 7.50mm Width)
Sampling Rate (Per Second)	357k	100	100	100
Supplier Device Package	48-LQFP (7x7)	24-PDIP	24-PDIP	24-SOIC
Number of A/D Converters	1	1	1	1
Number of Inputs	4	1	1	1
Data Interface	Parallel	SPI	SPI	SPI
Configuration	MUX-S/H-ADC	ADC	ADC	ADC
Voltage - Supply, Digital	2.7V ~ 5.25V	±5V	±5V	±5V
Features	Simultaneous Sampling	PGA	PGA	PGA
Voltage - Supply, Analog	5V	±5V	±5V	±5V
Input Type	Single Ended	Pseudo-Differential	Pseudo-Differential	Pseudo-Differential
Number of Bits	14	18	18	18
Operating Temperature	-40°C ~ 85°C	0°C ~ 70°C	-40°C ~ 85°C	-40°C ~ 85°C
Series	-	-	-	-
Architecture	SAR	Multi-Slope	Multi-Slope	Multi-Slope

### MAX1325ECM+ Datasheet PDF

Download MAX1325ECM+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX1325ECM+ - Analog Devices Inc./Maxim Integrated.

#### Datasheets

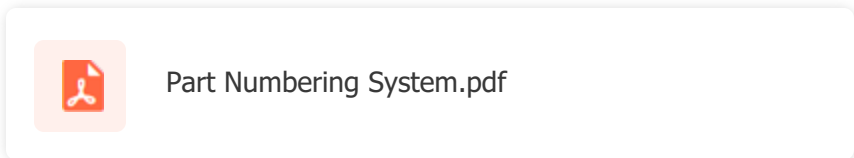
[MAX1316-26.pdf](#)

#### Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

[Material Declaration MAX1325ECM+.pdf](#)



Customers Also Interested in

Recommended Products

 <b>MAX13253ATB+</b> Analog Devices / Maxim Integrated	 <b>MAX132CNG+</b> Analog Devices Inc./Maxim Integrated IC ADC 18BIT MULTI-SLOPE 24DIP	 <b>MAX1329BETL+</b> Analog Devices Inc./Maxim Integrated IC DATA ACQU SYST DAS 40TQFN	 <b>MAX13253ATB+T</b> Analog Devices Inc./Maxim Integrated IC PWR DRIVER N-CHAN 1:2 10TDFN	 <b>MAX132ENG+</b> Analog Devices Inc./Maxim Integrated IC ADC 18BIT MULTI-SLOPE 24DIP	 <b>MAX132EWG+</b> Analog Devices Inc./Maxim Integrated IC ADC 18BIT MULTI-SLOPE 24SOIC
 <b>MAX132CWG+</b> Analog Devices Inc./Maxim Integrated IC ADC 18BIT MULTI-SLOPE 24SOIC	 <b>MAX132AEWG-T</b> Analog Devices / Maxim Integrated	 <b>MAX13235EEUP+T</b> Analog Devices Inc./Maxim Integrated IC TRANSCEIVER FULL 2/2 20TSSOP	 <b>MAX132EWG</b> Analog Devices Inc./Maxim Integrated IC ADC 18BIT MULTI-SLOPE 24SOIC	 <b>MAX13237EETE+T</b> Analog Devices Inc./Maxim Integrated IC TRANSCEIVER FULL 1/1 16TQFN	 <b>MAX1324ECM+</b> Analog Devices Inc./Maxim Integrated IC ADC 14BIT SAR 48LQFP
 <b>MAX13256ATB+T</b> Analog Devices Inc./Maxim Integrated IC HALF BRIDGE DRVR 850MA 10TDFN	 <b>MAX13236EETE+T</b> Analog Devices Inc./Maxim Integrated IC TRANSCEIVER FULL 1/1 16TQFN	 <b>MAX13237EETE+</b> Analog Devices Inc./Maxim Integrated IC TRANSCEIVER FULL 1/1 16TQFN	 <b>MAX132ENG</b> Analog Devices / Maxim Integrated	 <b>MAX132CWG</b> Analog Devices Inc./Maxim Integrated IC ADC 18BIT MULTI-SLOPE 24SOIC	 <b>MAX13301AUM/V+</b> Analog Devices Inc./Maxim Integrated IC AMP CLASS D QUAD 80W 48TSSOP

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