



Image may be representation.
See specifications for product details.



MAX1305ECM+T

Manufacturer Part Number	MAX1305ECM+T
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX1305ECM+T
ECAD Model	Request Free CAD Models
Parts Description	IC ADC 12BIT SAR 48LQFP
Package	48-LQFP
Data sheet	MAX1304-14.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MAX1305ECM+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX1305ECM+T datasheet/specifications on AllelcoElec.com.
Request a quote for MAX1305ECM+T, please send us email: info@allelco.com

Specifications

MAX1305ECM+T Tech Specifications

MAX1305ECM+T - 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	12
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)	680k	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	MAX1305
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 MAX1305ECM+T

Product Attribute				
Part Number	MAX1305ECM+T	MAX13080EESD	MAX13080ECSD+	MAX13080ECSD
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices / Maxim Integrated
Configuration	MUX-S/H-ADC	-	-	-
Voltage - Supply, Analog	5V	-	-	-
Ratio - S/H:ADC	4:1	-	-	-
Number of A/D Converters	1	-	-	-
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C (TA)	0°C ~ 70°C	-
Package	Tape & Reel (TR)	Bulk	Tube	-
Voltage - Supply, Digital	2.7V ~ 5.25V	-	-	-
Number of Inputs	4	-	-	-
Sampling Rate (Per Second)	680k	-	-	-
Supplier Device Package	48-LQFP (7x7)	14-SOIC	14-SOIC	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	-
Number of Bits	12	-	-	-
Features	Simultaneous Sampling	-	-	-
Package / Case	48-LQFP	14-SOIC (0.154", 3.90mm Width)	14-SOIC (0.154", 3.90mm Width)	-
Base Product Number	MAX1305	-	MAX13080	-
Series	-	-	-	-
Data Interface	Parallel	-	-	-
Architecture	SAR	-	-	-
Input Type	Single Ended	-	-	-
Reference Type	External, Internal	-	-	-

MAX1305ECM+T Datasheet PDF

Download MAX1305ECM+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX1305ECM+T - Analog Devices Inc./Maxim Integrated.

Datasheets

[MAX1304-14.pdf](#)

Environmental Information




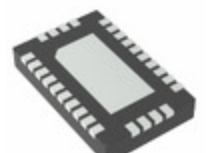








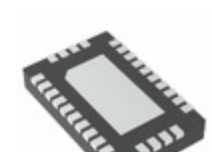
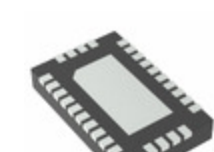




[Maxim Integrated RoHS Cert.pdf](#)

[Material Declaration MAX1305ECM+T.pdf](#)

 Part Numbering System.pdf

Customers Also Interested in

Recommended Products

					
MAX13080EESD Analog Devices Inc./Maxim Integrated RS-485/RS-422 TRANSCVR	MAX13080EESD+ Analog Devices Inc./Maxim Integrated IC TRANSCIEVER FULL 1/1 14SOIC	MAX13080EESD Analog Devices / Maxim Integrated	MAX13058EETI+T Analog Devices Inc./Maxim Integrated IC TRANSLTR BIDIRECTIONAL 28TQFN	MAX13080EESD+ Analog Devices Inc./Maxim Integrated IC TRANSCIEVER FULL 1/1 14SOIC	MAX13054ESA+ Analog Devices Inc./Maxim Integrated IC TRANSCIEVER FULL 1/1 8SOIC
					
MAX13054ESA Analog Devices Inc./Maxim Integrated IC TRANSCIEVER FULL 1/1 8SOIC	MAX13081EESA+ Analog Devices Inc./Maxim Integrated IC TRANSCIEVER FULL 1/1 8SOIC	MAX13080ECPD Analog Devices Inc./Maxim Integrated RS-485/RS-422 TRANSCVR	MAX13054ESA+T Analog Devices Inc./Maxim Integrated IC TRANSCIEVER FULL 1/1 8SO	MAX13081EESA Analog Devices / Maxim Integrated	MAX13080EESD Analog Devices Inc./Maxim Integrated RS-485/RS-422 TRANSCVR
					
MAX13055EETI+T Analog Devices Inc./Maxim Integrated IC TRANSLTR BIDIRECTIONAL 28TQFN	MAX13055EETI+ Analog Devices Inc./Maxim Integrated IC TRANSLTR BIDIRECTIONAL 28TQFN	MAX13080EESD+T Analog Devices Inc./Maxim Integrated IC TRANSCIEVER FULL 1/1 14SOIC	MAX13054ASA Analog Devices / Maxim Integrated	MAX13054ASA+ Analog Devices Inc./Maxim Integrated IC TRANSCIEVER FULL 1/1 8SOIC	MAX13054ASA+T Analog Devices Inc./Maxim Integrated IC TRANSCIEVER FULL 1/1 8SOIC

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
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Contact us if you have any questions.

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Certifications & Memberships



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Contact us

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