

Image may be representation.
See specifications for product details.



LTC2242CUP-12

Manufacturer Part Number	LTC2242CUP-12
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-LTC2242CUP-12
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC ADC 12BIT PIPELINED 64QFN
Package	64-WFQFN Exposed Pad
Data sheet	LTC2242-12.pdf

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LTC2242CUP-12 - Analog Devices Inc..New Original in Stock. Download Linear Technology LTC2242CUP-12 datasheet/specifications on AllelcoElec.com.
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Specifications

LTC2242CUP-12 Tech Specifications

LTC2242CUP-12 - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Operating Temperature	0°C ~ 70°C
Voltage - Supply, Digital	2.375V ~ 2.625V	Number of Inputs	1
Voltage - Supply, Analog	2.375V ~ 2.625V	Number of Bits	12
Supplier Device Package	64-QFN (9x9)	Number of A/D Converters	1
Series	-	Mounting Type	Surface Mount
Sampling Rate (Per Second)	250M	Input Type	Differential
Reference Type	External, Internal	Features	-
Ratio - S/H:ADC	1:1	Data Interface	Parallel
Package / Case	64-WFQFN Exposed Pad	Configuration	S/H-ADC
Package	Tube	Architecture	Pipelined

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. LTC2242CUP-12

Product Attribute				
Part Number	LTC2242CUP-12	LTC2245IUH#TRPBF	LTC2241IUP-10	LTC2245IUH#PBF
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Data Interface	Parallel	Parallel	Parallel	Parallel
Features	-	-	-	-
Number of Inputs	1	1	1	1
Input Type	Differential	Differential, Single Ended	Differential	Differential, Single Ended
Series	-	-	-	-
Number of A/D Converters	1	1	1	1
Package	Tube	Tape & Reel (TR)	Tube	Tube
Architecture	Pipelined	Pipelined	Pipelined	Pipelined
Reference Type	External, Internal	External, Internal	External, Internal	External, Internal
Sampling Rate (Per Second)	250M	10M	210M	10M
Operating Temperature	0°C ~ 70°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Voltage - Supply, Digital	2.375V ~ 2.625V	2.7V ~ 3.4V	2.375V ~ 2.625V	2.7V ~ 3.4V
Ratio - S/H:ADC	1:1	1:1	1:1	1:1
Configuration	S/H-ADC	S/H-ADC	S/H-ADC	S/H-ADC
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	64-QFN (9x9)	32-QFN (5x5)	64-QFN (9x9)	32-QFN (5x5)
Number of Bits	12	14	10	14
Voltage - Supply, Analog	2.375V ~ 2.625V	2.7V ~ 3.4V	2.375V ~ 2.625V	2.7V ~ 3.4V
Package / Case	64-WFQFN Exposed Pad	32-WFQFN Exposed Pad	64-WFQFN Exposed Pad	32-WFQFN Exposed Pad

LTC2242CUP-12 Datasheet PDF

Download LTC2242CUP-12 pdf datasheets and Analog Devices Inc. documentation for LTC2242CUP-12 - Analog Devices Inc..

Datasheets

[LTC2242-12.pdf](#)

PCN Design/Specification

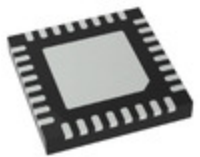
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PCN Obsolescence/ EOL

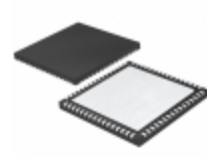


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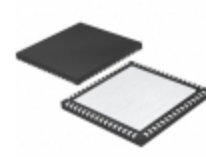
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Analog Devices Inc.
IC ADC 14BIT PIPELINED 32QFN



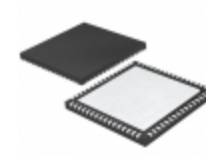
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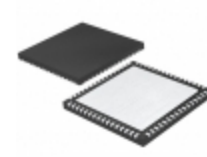
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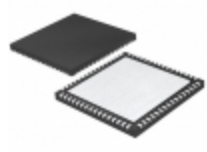
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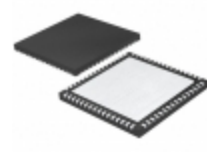
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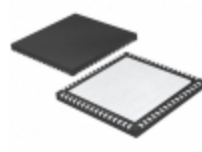
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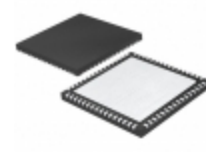
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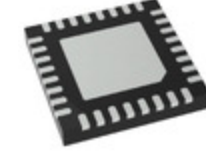
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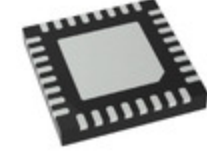
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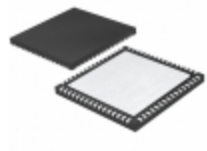
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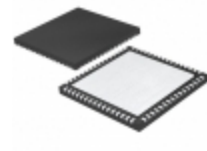
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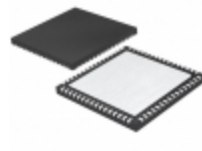
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IC ADC 14BIT PIPELINED 32QFN



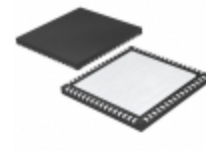
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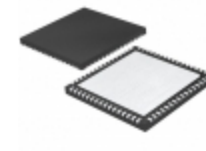
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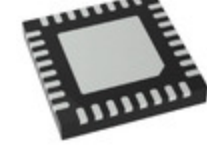
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LTC2241IUP-12
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LTC2245IUH
Analog Devices Inc.
IC ADC 14BIT PIPELINED 32QFN

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

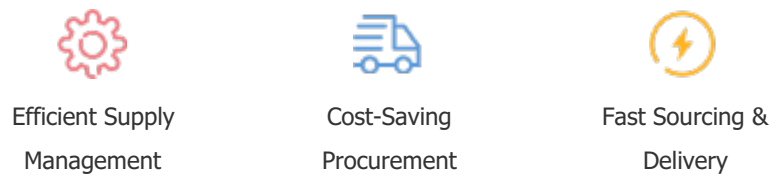
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

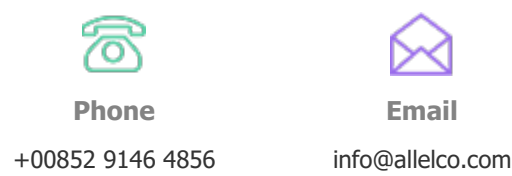
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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Contact us

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