

Image may be representation.
See specifications for product details.



LTC2220IUP

Manufacturer Part Number	LTC2220IUP
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-LTC2220IUP
ECAD Model	Request Free CAD Models
Parts Description	IC ADC 12BIT PIPELINED 64QFN
Package	64-WFQFN Exposed Pad
Data sheet	LTC2220-21.pdf

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LTC2220IUP - Analog Devices Inc..New Original in Stock. Download Linear Technology LTC2220IUP datasheet/specifications on AllelcoElec.com.
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Specifications

LTC2220IUP Tech Specifications

LTC2220IUP - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Operating Temperature	-40°C ~ 85°C
Voltage - Supply, Digital	3.1V ~ 3.5V	Number of Inputs	1
Voltage - Supply, Analog	3.1V ~ 3.5V	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)	170M	Input Type	Differential, Single Ended
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. LTC2220IUP

Product Attribute				
Part Number	LTC2220IUP	LTC2220CUP-1	LTC2220CUP#TRPBF	LTC2209IUP#TRPBF
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Package	Tube	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	64-WFQFN Exposed Pad	64-WFQFN Exposed Pad	64-WFQFN Exposed Pad	64-WFQFN Exposed Pad
Configuration	S/H-ADC	S/H-ADC	S/H-ADC	S/H-ADC
Series	-	-	-	-
Features	-	-	-	PGA
Ratio - S/H:ADC	1:1	1:1	1:1	1:1
Number of Bits	12	12	12	16
Input Type	Differential, Single Ended	Differential, Single Ended	Differential, Single Ended	Differential
Sampling Rate (Per Second)	170M	185M	170M	160M
Supplier Device Package	64-QFN (9x9)	64-QFN (9x9)	64-QFN (9x9)	64-QFN (9x9)
Architecture	Pipelined	Pipelined	Pipelined	Pipelined
Number of Inputs	1	1	1	1
Number of A/D Converters	1	1	1	1
Operating Temperature	-40°C ~ 85°C	0°C ~ 70°C	0°C ~ 70°C	-40°C ~ 85°C
Voltage - Supply, Digital	3.1V ~ 3.5V	3.1V ~ 3.5V	3.1V ~ 3.5V	3.135V ~ 3.465V
Reference Type	External, Internal	External, Internal	External, Internal	External, Internal
Voltage - Supply, Analog	3.1V ~ 3.5V	3.1V ~ 3.5V	3.1V ~ 3.5V	3.135V ~ 3.465V
Data Interface	Parallel	LVDS - Parallel, Parallel	LVDS - Parallel, Parallel	LVDS - Parallel, Parallel

LTC2220IUP Datasheet PDF

Download LTC2220IUP pdf datasheets and Analog Devices Inc. documentation for LTC2220IUP - Analog Devices Inc..

Datasheets

[LTC2220-21.pdf](#)

PCN Design/Specification

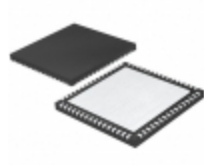
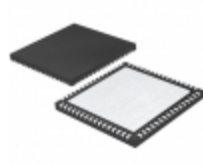
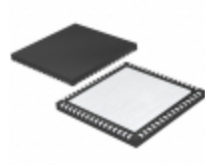
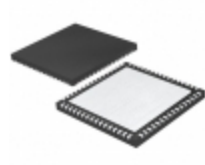
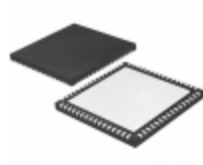
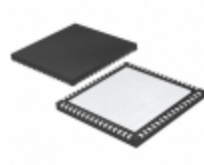
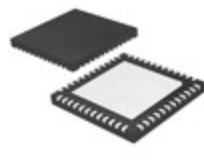

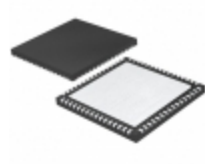
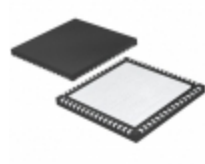
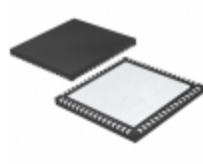
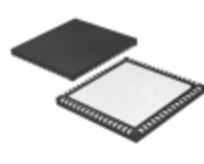

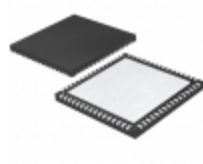
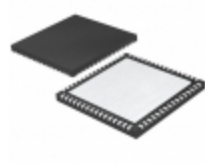
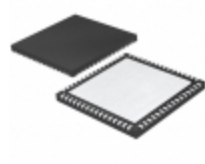

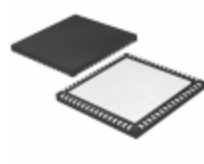
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PCN Obsolescence/ EOL



Customers Also Interested in

Recommended Products

 LTC2220CUP-1 Analog Devices Inc. IC ADC 12BIT PIPELINED 64QFN	 LTC2220CUP#TRPBF Analog Devices Inc. IC ADC 12BIT PIPELINED 64QFN	 LTC22209IUP#TRPBF Analog Devices Inc. IC ADC 16BIT PIPELINED 64QFN	 LTC2220IUP-1#TRPBF Analog Devices Inc. IC ADC 12BIT PIPELINED 64QFN	 LTC22209IUP#PBF Analog Devices Inc. IC ADC 16BIT PIPELINED 64QFN	 LTC2220IUP-1 Analog Devices Inc. IC ADC 12BIT PIPELINED 64QFN
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 LTC2209UP LT	 LTC2220CUP Analog Devices Inc. IC ADC 12BIT PIPELINED 64QFN	 LTC2221CUP Analog Devices Inc. IC ADC 12BIT PIPELINED 64QFN	 LTC2217IUP#PBF Analog Devices Inc. IC ADC 16BIT PIPELINED 64QFN	 LTC2220UP-1 Linear Technology / Analog Devices	 LTC2217IUP#TRPBF Analog Devices Inc. IC ADC 16BIT PIPELINED 64QFN

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

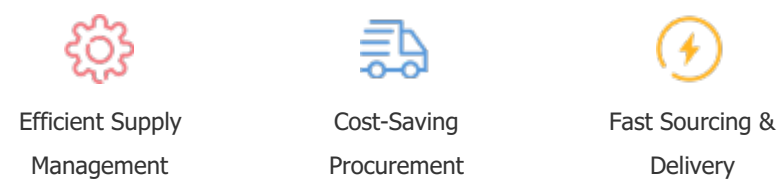
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

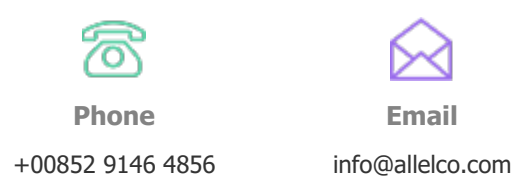
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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