

Image may be representation.
See specifications for product details.



MCP3201-CI/SN

Manufacturer Part Number	MCP3201-CI/SN
Manufacturer	Microchip Technology
Allelco Part Number	32D-MCP3201-CI/SN
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC ADC 12BIT SAR 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MCP3201-CI/SN - Microchip Technology. New Original in Stock. Download Linear Technology MCP3201-CI/SN datasheet/specifications on AllelcoElec.com. Request a quote for MCP3201-CI/SN, please send us email: info@allelco.com

Specifications

MCP3201-CI/SN Tech Specifications

MCP3201-CI/SN - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Number of Inputs	1
Voltage - Supply, Digital	2.7V ~ 5.5V	Number of Bits	12
Voltage - Supply, Analog	2.7V ~ 5.5V	Number of A/D Converters	1
Supplier Device Package	8-SOIC	Mounting Type	Surface Mount
Series	-	Input Type	Pseudo-Differential
Sampling Rate (Per Second)	100k	Features	-
Reference Type	External	Data Interface	SPI
Ratio - S/H:ADC	1:1	Configuration	S/H-ADC
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	MCP3201
Package	Tube	Architecture	SAR
Operating Temperature	-40°C ~ 85°C		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MCP3201-CI/SN

Product Attribute				
Part Number	MCP3201-CI/SN	MCP3201T-BI/SN	MCP3202-CI/MS	MCP3021A7T-E/OT
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Number of Bits	12	12	12	10
Reference Type	External	External	External	Supply
Input Type	Pseudo-Differential	Pseudo-Differential	Pseudo-Differential, Single Ended	Single Ended
Series	-	-	-	-
Ratio - S/H:ADC	1:1	1:1	1:1	1:1
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 125°C
Features	-	-	-	-
Voltage - Supply, Digital	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Voltage - Supply, Analog	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Base Product Number	MCP3201	MCP3201	MCP3202	MCP3021
Number of A/D Converters	1	1	1	1
Number of Inputs	1	1	1, 2	1
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tube	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	SC-74A, SOT-753
Supplier Device Package	8-SOIC	8-SOIC	8-MSOP	SOT-23-5
Data Interface	SPI	SPI	SPI	I ² C
Configuration	S/H-ADC	S/H-ADC	S/H-ADC	S/H-ADC
Architecture	SAR	SAR	SAR	SAR
Sampling Rate (Per Second)	100k	100k	100k	22.3k

MCP3201-CI/SN Datasheet PDF

Download MCP3201-CI/SN pdf datasheets and Microchip Technology documentation for MCP3201-CI/SN - Microchip Technology.

Datasheets

[Cylindrical Battery Holders.pdf](#)

PCN Packaging

[Label and Packing Changes 23/Sep/2015.pdf](#)

[Packing Changes 10/Oct/2016.pdf](#)

Other Related Documents

 Cylindrical Battery Holders.pdf

PCN Assembly/Origin

 2.73KHz.pdf

Customers Also Interested in

Recommended Products



MCP3201T-BI/SN

Microchip Technology
IC ADC 12BIT SAR 8SOIC



MCP3202-CI/MS

Microchip Technology
IC ADC 12BIT SAR 8MSOP



MCP3021A7T-E/OT

Microchip Technology
IC ADC 10BIT SAR SOT23-5



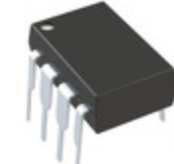
MCP3202-CI/ST

Microchip Technology
IC ADC 12BIT SAR 8TSSOP



MCP3021A5T-E/OT

Microchip Technology
IC ADC 10BIT SAR SOT23-5



MCP3201-BI/P

Microchip Technology
IC ADC 12BIT SAR 8DIP



MCP3021

Micrel / Microchip Technology



MCP3202-BI/SN

Microchip Technology
IC ADC 12BIT SAR 8SOIC



MCP3021A1T-E/OT

Microchip Technology
IC ADC 10BIT SAR SOT23-5



MCP3202-CI/SN

Microchip Technology
IC ADC 12BIT SAR 8SOIC



MCP3202T-CI/SN

Microchip Technology
IC ADC 12BIT SAR 8SOIC



MCP3201-BI/SN

Microchip Technology
IC ADC 12BIT SAR 8SOIC



MCP3201T-CI/SN

Microchip Technology
IC ADC 12BIT SAR 8SOIC



MCP3201-CI/P

Microchip Technology
IC ADC 12BIT SAR 8DIP



MCP3204-BI/P

Microchip Technology
IC ADC 12BIT SAR 14DIP



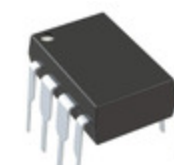
MCP3202T-CI/ST

Microchip Technology
IC ADC 12BIT SAR 8TSSOP



MCP3201-CI/MS

Microchip Technology
IC ADC 12BIT SAR 8MSOP



MCP3202-CI/P

Microchip Technology
IC ADC 12BIT SAR 8DIP

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.

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Certifications & Memberships



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