



Image may be representation.
See specifications for product details.



MCP3901A0-I/SS

Manufacturer Part Number	MCP3901A0-I/SS
Manufacturer	Microchip Technology
Allelco Part Number	32D-MCP3901A0-I/SS
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC AFE 2 CHAN 24BIT 20SSOP
Package	20-SSOP (0.209", 5.30mm Width)
Data sheet	MCP3901.pdf
	MCP3901 Ref Design Guide.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MCP3901A0-I/SS - Microchip Technology. New Original in Stock. Download Linear Technology MCP3901A0-I/SS datasheet/specifications on AllelcoElec.com.
Request a quote for MCP3901A0-I/SS, please send us email: info@allelco.com

Specifications

MCP3901A0-I/SS Tech Specifications

MCP3901A0-I/SS - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Package	Tube
Voltage - Supply, Digital	2.7V ~ 5.5V	Number of Channels	2
Voltage - Supply, Analog	5V	Number of Bits	24
Supplier Device Package	20-SSOP	Mounting Type	Surface Mount
Series	-	Base Product Number	MCP3901
Package / Case	20-SSOP (0.209", 5.30mm Width)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MCP3901A0-I/SS

Product Attribute				
Part Number	MCP3901A0-I/SS	MCP3903-I/SS	MCP3901A0T-I/SS	MCP3903-E/SS
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Base Product Number	MCP3901	MCP3903	MCP3901	MCP3903
Number of Bits	24	24	24	24
Supplier Device Package	20-SSOP	28-SSOP	20-SSOP	28-SSOP
Voltage - Supply, Digital	2.7V ~ 5.5V	2.7V ~ 3.6V	2.7V ~ 5.5V	2.7V ~ 3.6V
Number of Channels	2	6	2	6
Series	-	-	-	-
Package	Tube	Tube	Tape & Reel (TR)	Tube
Package / Case	20-SSOP (0.209", 5.30mm Width)	28-SSOP (0.209", 5.30mm Width)	20-SSOP (0.209", 5.30mm Width)	28-SSOP (0.209", 5.30mm Width)
Voltage - Supply, Analog	5V	5V	5V	5V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

MCP3901A0-I/SS Datasheet PDF

Download MCP3901A0-I/SS pdf datasheets and Microchip Technology documentation for MCP3901A0-I/SS - Microchip Technology.

Datasheets

- MCP3901.pdf
- MCP3901 Ref Design Guide.pdf

PCN Packaging

- Label and Packing Changes 23/Sep/2015.pdf
- Packing Changes 10/Oct/2016.pdf

PCN Design/Specification

- Lead Frame 22/Dec/2016.pdf

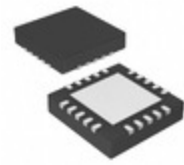
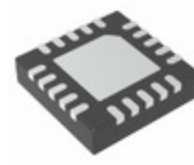
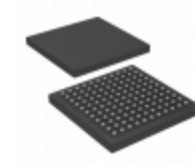
PCN Assembly/Origin

- Leads 24/Feb/2017.pdf

Customers Also Interested in

Recommended Products

- MCP3905AT-I/SS**
Microchip Technology
IC POWER METERING-1 PHASE 24SSOP
- MCP3907-I/SS**
Microchip Technology
IC ENERGY METER INT OSC 24-SSOP
- MCP3906A-I/SS**
Microchip Technology
IC POWER METERING-1 PHASE 24SSOP
- MCP3903-I/SS**
Microchip Technology
IC AFE 6 CHAN 24BIT 28SSOP
- MCP3901A0T-I/SS**
Microchip Technology
IC AFE 2 CHAN 24BIT 20SSOP
- MCP3903-E/SS**
Microchip Technology
IC AFE 6 CHAN 24BIT 28SSOP

**MCP3551-E/MS**Microchip Technology
IC ADC 22BIT SIGMA-DELTA 8MSOP**MCP3901A0-E/ML**Microchip Technology
IC AFE 2 CHAN 24BIT 20QFN**MCP3553-E/SN**Microchip Technology
IC ADC 22BIT SIGMA-DELTA 8SOIC**MCP3551T-E/SN**Microchip Technology
IC ADC 22BIT SIGMA-DELTA 8SOIC**MCP3553-E/MS**Microchip Technology
IC ADC 22BIT SIGMA-DELTA 8MSOP**MCP3909-I/SS**Microchip Technology
IC POWER METERING-1 PHASE
24SSOP**MCP3550-50E/SN**Microchip Technology
IC ADC 22BIT SIGMA-DELTA 8SOIC**MCP3905A-E/SS**Microchip Technology
IC POWER METER 1-PHASE 24SSOP**MCP3901A0-E/SS**Microchip Technology
IC AFE 2 CHAN 24BIT 20SSOP**MCP3561T-E/NC**Microchip Technology
IC ADC 24BIT SIGMA-DELTA 20UQFN**MCP3551-E/SN**Microchip Technology
IC ADC 22BIT SIGMA-DELTA 8SOIC**MCP37D21-200I/TE**Microchip Technology
IC ADC 14BIT PIPELINED 121TFBGA

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

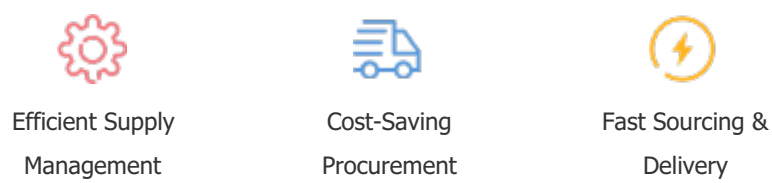
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support

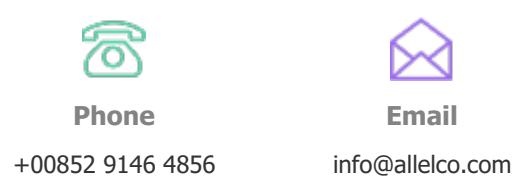
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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Contact us

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