

Image may be representation.  
See specifications for product details.



## MCP3910A1-E/ML

Manufacturer Part Number	<b>MCP3910A1-E/ML</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-MCP3910A1-E/ML
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC ENERGY METER FRONT 2CH 20QFN
Package	20-VFQFN Exposed Pad
Data sheet	<b>MCP3910 Series.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

MCP3910A1-E/ML - Microchip Technology. New Original in Stock. Download Linear Technology MCP3910A1-E/ML datasheet/specifications on AllelcoElec.com.  
Request a quote for MCP3910A1-E/ML, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MCP3910A1-E/ML Tech Specifications  
MCP3910A1-E/ML - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Operating Temperature	-40°C ~ 125°C
Voltage - Supply	2.7 V ~ 3.6 V	Mounting Type	Surface Mount
Voltage - I/O Low	0.3V	Meter Type	2 x Single Phase
Voltage - I/O High	0.7V	Measurement Error	0.1%
Supplier Device Package	20-QFN (4x4)	Input Impedance	-
Series	-	Current - Supply	1.5mA
Package / Case	20-VFQFN Exposed Pad	Base Product Number	MCP3910
Package	Tube		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MCP3910A1-E/ML

Product Attribute					
Part Number	MCP3910A1-E/ML	MCP3914A1-E/MV	MCP3910A1-E/SS	MCP3905AT-1/SS	
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology	
Voltage - I/O High	0.7V	0.7V	0.7V	2.4V	
Series	-	-	-	-	
Base Product Number	MCP3910	MCP3914	MCP3910	MCP3905	
Input Impedance	-	-	-	390kOhm	
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 85°C	
Meter Type	2 x Single Phase	3 Phase	2 x Single Phase	Single Phase	
Measurement Error	0.1%	0.1%	0.1%	0.1%	
Supplier Device Package	20-QFN (4x4)	40-UQFN (5x5)	20-SSOP	24-SSOP	
Voltage - Supply	2.7 V ~ 3.6 V	2.7 V ~ 3.6 V	2.7 V ~ 3.6 V	4.5 V ~ 5.5 V	
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount	
Package / Case	20-VFQFN Exposed Pad	40-UFQFN Exposed Pad	20-SSOP (0.209', 5.30mm Width)	24-SSOP (0.209', 5.30mm Width)	
Current - Supply	1.5mA	5.8mA	1.5mA	2.7mA	
Voltage - I/O Low	0.3V	0.3V	0.3V	0.85V	
Package	Tube	Tube	Tube	Tape & Reel (TR)	

### MCP3910A1-E/ML Datasheet PDF

Download MCP3910A1-E/ML pdf datasheets and Microchip Technology documentation for MCP3910A1-E/ML - Microchip Technology.

#### PCN Packaging

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

#### PCN Assembly/Origin

- 2.73KHz.pdf

#### HTML Datasheet

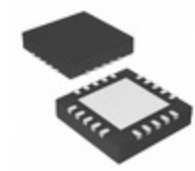
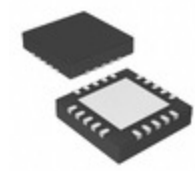
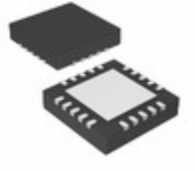
- MCP3910 Series.pdf

#### PCN Design/Specification

- MCP3910 09/Jan/2020.pdf

### Customers Also Interested in

#### Recommended Products

**MCP3914A1-E/MV**Microchip Technology  
IC ENERGY METER FRONT 8CH  
40UQFN**MCP3910A1-E/SS**Microchip Technology  
IC ENERGY METER FRONT 2CH  
20SSOP**MCP3905AT-I/SS**Microchip Technology  
IC POWER METERING-1 PHASE  
24SSOP**MCP3913A1T-E/SS**Microchip Technology  
IC ENERGY METER FRONT 6CH  
28SSOP**MCP3911A0T-E/SS**Microchip Technology  
IC AFE 2 CHAN 24BIT 20SSOP**MCP3911A0-E/ML**Microchip Technology  
IC AFE 2 CHAN 24BIT 20QFN**MCP3912A1-E/SS**Microchip Technology  
IC ENERGY METER FRONT 4CH  
28SSOP**MCP3909-I/SS**Microchip Technology  
IC POWER METERING-1 PHASE  
24SSOP**MCP3913A1-E/SS**Microchip Technology  
IC ENERGY METER FRONT 6CH  
28SSOP**MCP3901A0T-I/SS**Microchip Technology  
IC AFE 2 CHAN 24BIT 20SSOP**MCP3907-I/SS**Microchip Technology  
IC ENERGY METER INT OSC 24-SSOP**MCP3905A-E/SS**Microchip Technology  
IC POWER METER 1-PHASE 24SSOP**MCP3911A0T-E/ML**Microchip Technology  
IC AFE 2 CHAN 24BIT 20QFN**MCP3906A-I/SS**Microchip Technology  
IC POWER METERING-1 PHASE  
24SSOP**MCP3911A0-E/SS**Microchip Technology  
IC AFE 2 CHAN 24BIT 20SSOP**MCP3903-E/SS**Microchip Technology  
IC AFE 6 CHAN 24BIT 28SSOP**MCP3903-I/SS**Microchip Technology  
IC AFE 6 CHAN 24BIT 28SSOP**MCP3905A-I/SS**Microchip Technology  
IC POWER METERING-1 PHASE  
24SSOP

## 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

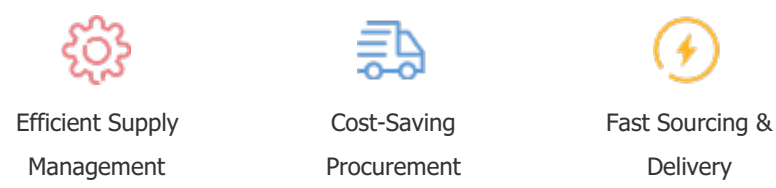
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

## Payment Support

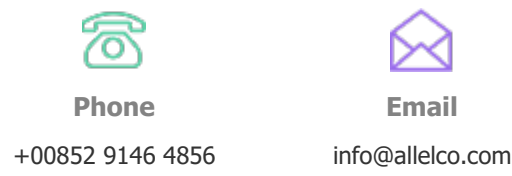
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,  
PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



## Certifications & Memberships



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