



Image may be representation.
See specifications for product details.



MCP3910A1-E/SS

Manufacturer Part Number	MCP3910A1-E/SS
Manufacturer	Microchip Technology
Allelco Part Number	32D-MCP3910A1-E/SS
ECAD Model	Request Free CAD Models
Parts Description	IC ENERGY METER FRONT 2CH 20SSOP
Package	20-SSOP (0.209", 5.30mm Width)
Data sheet	MCP3910 Series.pdf
RoHs Status	ROHS3 Compliant

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

Specifications

MCP3910A1-E/SS Tech Specifications

MCP3910A1-E/SS - 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-SSOP	Input Impedance	-
Series	-	Current - Supply	1.5mA
Package / Case	20-SSOP (0.209", 5.30mm Width)	Base Product Number	MCP3910
Package	Tube		

Parts with Similar Specifications

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

Product Attribute				
Part Number	MCP3910A1-E/SS	MCP3907-I/SS	MCP3906A-I/SS	MCP3913A1-E/SS
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Current - Supply	1.5mA	-	2.7mA	4.5mA
Series	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	MCP3910	MCP3907	MCP3906	MCP3913
Measurement Error	0.1%	-	0.1%	0.1%
Package	Tube	Tube	Tube	Tube
Input Impedance	-	-	390kOhm	-
Operating Temperature	-40°C ~ 125°C	-	-40°C ~ 85°C	-40°C ~ 125°C
Voltage - Supply	2.7 V ~ 3.6 V	-	4.5 V ~ 5.5 V	2.7 V ~ 3.6 V
Meter Type	2 x Single Phase	Single Phase	Single Phase	3 Phase
Voltage - I/O Low	0.3V	-	0.85V	0.3V
Voltage - I/O High	0.7V	-	2.4V	0.7V
Supplier Device Package	20-SSOP	24-SSOP	24-SSOP	28-SSOP
Package / Case	20-SSOP (0.209", 5.30mm Width)	24-SSOP (0.209", 5.30mm Width)	24-SSOP (0.209", 5.30mm Width)	28-SSOP (0.209", 5.30mm Width)

MCP3910A1-E/SS Datasheet PDF

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

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](#)

[MCP3910 09/Jan/2020.pdf](#)

PCN Assembly/Origin

[2.73KHz.pdf](#)

HTML Datasheet

[MCP3910 Series.pdf](#)

Customers Also Interested in

Recommended Products



MCP3907-I/SS

Microchip Technology
IC ENERGY METER INT OSC 24-SSOP



MCP3903-E/SS

Microchip Technology
IC AFE 6 CHAN 24BIT 28SSOP



MCP3906A-I/SS

Microchip Technology
IC POWER METERING-1 PHASE
24SSOP



MCP3913A1-E/SS

Microchip Technology
IC ENERGY METER FRONT 6CH
28SSOP



MCP3903-I/SS

Microchip Technology
IC AFE 6 CHAN 24BIT 28SSOP

MCP3909-I/SS

Microchip Technology
IC POWER METERING-1 PHASE
24SSOP



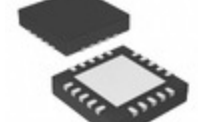
MCP3905A-I/SS

Microchip Technology
IC POWER METERING-1 PHASE
24SSOP



MCP3905AT-I/SS

Microchip Technology
IC POWER METERING-1 PHASE
24SSOP



MCP3911A0-E/ML

Microchip Technology
IC AFE 2 CHAN 24BIT 20QFN



MCP3912A1-E/SS

Microchip Technology
IC ENERGY METER FRONT 4CH
28SSOP



MCP3905A-E/SS

Microchip Technology
IC POWER METER 1-PHASE 24SSOP



MCP3911A0T-E/SS

Microchip Technology
IC AFE 2 CHAN 24BIT 20SSOP



MCP3913A1T-E/SS

Microchip Technology
IC ENERGY METER FRONT 6CH
28SSOP



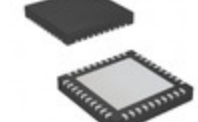
MCP3914A1-E/MV

Microchip Technology
IC ENERGY METER FRONT 8CH
40UQFN



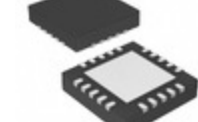
MCP3911A0-E/SS

Microchip Technology
IC AFE 2 CHAN 24BIT 20SSOP



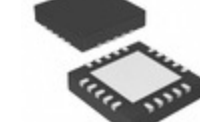
MCP3914A1T-E/MV

Microchip Technology
IC ENERGY METER FRONT 8CH
40UQFN



MCP3910A1-E/ML

Microchip Technology
IC ENERGY METER FRONT 2CH
20QFN



MCP3911A0T-E/ML

Microchip Technology
IC AFE 2 CHAN 24BIT 20QFN

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

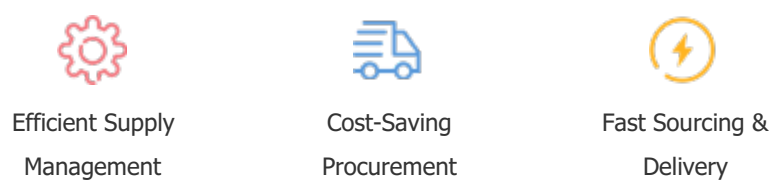
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

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



View More



Contact us

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