

Image may be representation.
See specifications for product details.



MCP79412-I/MS

Manufacturer Part Number	MCP79412-I/MS
Manufacturer	Microchip Technology
Allelco Part Number	32D-MCP79412-I/MS
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC RTC CLK/CALENDAR I2C 8MSOP
Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Data sheet	I²C™ & SPI Family Brochure.pdf MCP794xx Brochure.pdf MCP79410-12 Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MCP79412-I/MS - Microchip Technology, New Original in Stock. Download Linear Technology MCP79412-I/MS datasheet/specifications on AllelcoElec.com. Request a quote for MCP79412-I/MS, please send us email: info@allelco.com

Specifications

MCP79412-I/MS Tech Specifications

MCP79412-I/MS - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Operating Temperature	-40°C ~ 85°C
Voltage - Supply, Battery	1.3V ~ 5.5V	Mounting Type	Surface Mount
Voltage - Supply	1.8V ~ 5.5V	Memory Size	64B, 1Kb
Type	Clock/Calendar	Interface	I ² C, 2-Wire Serial
Time Format	HH:MM:SS (12/24 hr)	Features	Alarm, Leap Year, Square Wave Output, SRAM, Unique ID
Supplier Device Package	8-MSOP	Date Format	YY-MM-DD-dd
Series	-	Current - Timekeeping (Max)	1.2µA @ 3.3V
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Base Product Number	MCP79412
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MCP79412-I/MS

Product Attribute				
Part Number	MCP79412-I/MS	MCP79512T-I/MN	MCP79410-I/SN	MCP79410-I/ST
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	10-WDFN Exposed Pad	8-SOIC (0.154", 3.90mm Width)	8-TSSOP (0.173", 4.40mm Width)
Base Product Number	MCP79412	MCP79512	MCP79410	MCP79410
Memory Size	64B, 1Kb	64B	64B, 1Kb	64B, 1Kb
Features	Alarm, Leap Year, Square Wave Output, SRAM, Unique ID	Alarm, EEPROM, Leap Year, Square Wave Output, SRAM, Unique ID	Alarm, Leap Year, Square Wave Output, SRAM, Unique ID	Alarm, Leap Year, Square Wave Output, SRAM, Unique ID
Time Format	HH:MM:SS (12/24 hr)	HH:MM:SS:hh (12/24 hr)	HH:MM:SS (12/24 hr)	HH:MM:SS (12/24 hr)
Supplier Device Package	8-MSOP	10-TDFN (3x3)	8-SOIC	8-TSSOP
Voltage - Supply	1.8V ~ 5.5V	1.8V ~ 3.6V	1.8V ~ 5.5V	1.8V ~ 5.5V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Date Format	YY-MM-DD-dd	YY-MM-DD-dd	YY-MM-DD-dd	YY-MM-DD-dd
Type	Clock/Calendar	Clock/Calendar	Clock/Calendar	Clock/Calendar
Current - Timekeeping (Max)	1.2µA @ 3.3V	1µA @ 1.8V ~ 3.6V	1.2µA @ 3.3V	1.2µA @ 3.3V
Interface	I ² C, 2-Wire Serial	SPI	I ² C, 2-Wire Serial	I ² C, 2-Wire Serial
Voltage - Supply, Battery	1.3V ~ 5.5V	1.3V ~ 3.6V	1.3V ~ 5.5V	1.3V ~ 5.5V
Series	-	-	-	-
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Package	Tube	Tape & Reel (TR)	Tube	Tube

MCP79412-I/MS Datasheet PDF

Download MCP79412-I/MS pdf datasheets and Microchip Technology documentation for MCP79412-I/MS - Microchip Technology.

Datasheets

- [I²C™ & SPI Family Brochure.pdf](#)
- [MCP794xx Brochure.pdf](#)
- [MCP79410-12 Datasheet.pdf](#)

PCN Packaging

- [Label and Packing Changes 23/Sep/2015.pdf](#)
- [Packing Changes 10/Oct/2016.pdf](#)

PCN Assembly/Origin

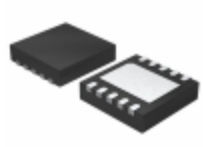
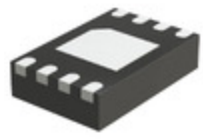
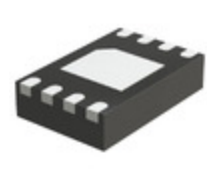
- [Mult Devices 28/Nov/2017.pdf](#)

PCN Design/Specification



Customers Also Interested in

Recommended Products

**MCP79512T-I/MN**Microchip Technology
IC RTC CLK/CALENDAR SPI 10TDFN**MCP79410-I/SN**Microchip Technology
IC RTC CLK/CALENDAR I2C 8SOIC**MCP79410-I/ST**Microchip Technology
IC RTC CLK/CALENDAR I2C 8TSSOP**MCP79412T-I/MS**Microchip Technology
IC RTC CLK/CALENDAR I2C 8MSOP**MCP79411-I/ST**Microchip Technology
IC RTC CLK/CALENDAR I2C 8TSSOP**MCP79510T-I/MN**Microchip Technology
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IC RTC CLK/CALENDAR I2C 8TDFN

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 -



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Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



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Certifications & Memberships



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