



Image may be representation.  
See specifications for product details.



## MCP73842-840I/UN

Manufacturer Part Number	<b>MCP73842-840I/UN</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-MCP73842-840I/UN
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC BAT CNTRL LI-ION 1-2CL 10MSOP
Package	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)
Data sheet	<a href="#">Analog and Interface Product Guide.pdf</a> <b>MCP73841-44.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

MCP73842-840I/UN - Microchip Technology. New Original in Stock. Download Linear Technology MCP73842-840I/UN datasheet/specifications on AllelcoElec.com.  
Request a quote for MCP73842-840I/UN, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MCP73842-840I/UN Tech Specifications  
MCP73842-840I/UN - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Mounting Type	Surface Mount
Voltage - Supply (Max)	12V	Interface	-
Supplier Device Package	10-MSOP	Fault Protection	Over Temperature
Series	-	Current - Charging	-
Programmable Features	Timer	Charge Current - Max	-
Package / Case	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	Battery Pack Voltage	8.4V
Package	Tube	Battery Chemistry	Lithium Ion/Polymer
Operating Temperature	-40°C ~ 85°C (TA)	Base Product Number	MCP73842
Number of Cells	1 ~ 2		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MCP73842-840I/UN

Product Attribute				
Part Number	MCP73842-840I/UN	MCP73853T-I/ML	MCP73841-410I/UN	MCP73841-420I/UN
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Series	-	-	-	-
Interface	-	-	-	-
Voltage - Supply (Max)	12V	5.5V	12V	12V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Fault Protection	Over Temperature	-	Over Temperature	Over Temperature
Current - Charging	-	Constant - Programmable	-	-
Battery Chemistry	Lithium Ion/Polymer	Lithium Ion/Polymer	Lithium Ion/Polymer	Lithium Ion/Polymer
Charge Current - Max	-	475mA	-	-
Base Product Number	MCP73842	MCP73853	MCP73841	MCP73841
Package / Case	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	16-VQFN Exposed Pad	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)
Supplier Device Package	10-MSOP	16-QFN (4x4)	10-MSOP	10-MSOP
Programmable Features	Timer	Timer	Timer	Timer
Package	Tube	Tape & Reel (TR)	Tube	Tube
Battery Pack Voltage	8.4V	4.2V	4.1V	4.2V
Number of Cells	1 ~ 2	1	1	1
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)

### MCP73842-840I/UN Datasheet PDF

Download MCP73842-840I/UN pdf datasheets and Microchip Technology documentation for MCP73842-840I/UN - Microchip Technology.

#### Datasheets

[Analog and Interface Product Guide.pdf](#)

#### PCN Packaging

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

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

#### Design Resources

[Portable Power Conversion Design Guide.pdf](#)

#### Other Related Documents

[Cylindrical Battery Holders.pdf](#)

## PCN Assembly/Origin

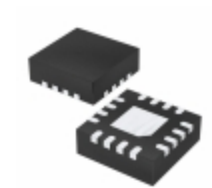



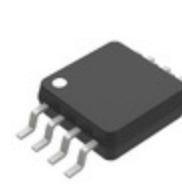

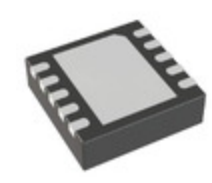
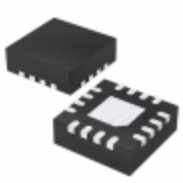

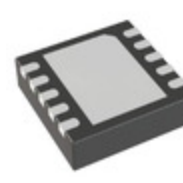

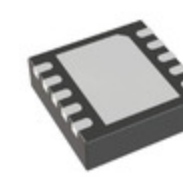



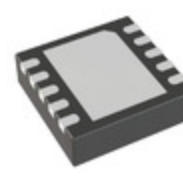

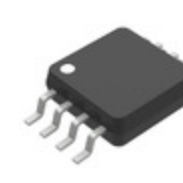
 2.73KHz.pdf

## HTML Datasheet

 MCP73841-44.pdf

## Customers Also Interested in

### Recommended Products

					
<b>MCP73853T-I/ML</b> Microchip Technology IC BATT CONTRL LI-ION 1CEL 16QFN	<b>MCP73841-410I/UN</b> Microchip Technology IC BATT CONTRL LI-ION 1CEL 10MSOP	<b>MCP73841-420I/UN</b> Microchip Technology IC BATT CNTRL LI-ION 1CEL 10MSOP	<b>MCP73837T-FCI/UN</b> Microchip Technology IC BATT CHG LI-ION 1CELL 10MSOP	<b>MCP73844T-840I/MS</b> Microchip Technology IC BATT CNTL LI-ION 1-2CEL 8MSOP	<b>MCP73837-FCI/UN</b> Microchip Technology IC BATT CHG LI-ION 1CELL 10MSOP
					
<b>MCP73837T-FCI/MF</b> Microchip Technology IC BATT CHG LI-ION 1CELL 10DFN	<b>MCP73853-I/ML</b> Microchip Technology IC BATT CONTRL LI-ION 1CEL 16QFN	<b>MCP73842T-840I/UN</b> Microchip Technology IC BATT CNTRL LI-ION 1-2CL 10MSOP	<b>MCP73838-NVI/MF</b> Microchip Technology IC BATT CHG LI-ION 1CELL 10DFN	<b>MCP73844-840I/MS</b> Microchip Technology IC BATT CNTL LI-ION 1-2CEL 8MSOP	<b>MCP73838T-NVI/MF</b> Microchip Technology IC BATT CHG LI-ION 1CELL 10DFN
					
<b>MCP73844T-820I/MS</b> Microchip Technology IC BATT CNTL LI-ION 1-2CEL 8MSOP	<b>MCP73838-FCI/MF</b> Microchip Technology IC BATT CHG LI-ION 1CELL 10DFN	<b>MCP73844-820I/MS</b> Microchip Technology IC BATT CNTL LI-ION 1-2CEL 8MSOP	<b>MCP73837-FCI/MF</b> Microchip Technology IC BATT CHG LI-ION 1CELL 10DFN	<b>MCP73843T-420I/MS</b> Microchip Technology IC BATT CONTRL LI-ION 1CEL 8MSOP	<b>MCP73843-420I/MS</b> Microchip Technology IC BATT CONTRL LI-ION 1CEL 8MSOP

## 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

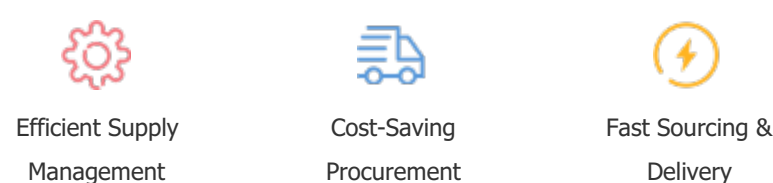
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

### Payment Support

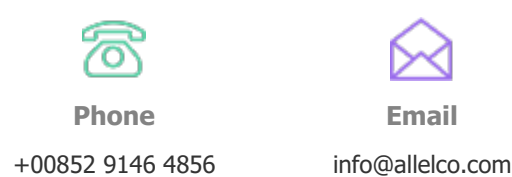
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,  
PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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