

Image may be representation.  
See specifications for product details.



## MCP73837-FCI/MF

Manufacturer Part Number	<b>MCP73837-FCI/MF</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-MCP73837-FCI/MF
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC BATT CHG LI-ION 1CELL 10DFN
Package	10-VDFN Exposed Pad
Data sheet	<a href="#">Analog and Interface Product Guide.pdf</a> <a href="#">MCP73837,38 Datasheet.pdf</a>
RoHs Status	ROHS3 Compliant

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MCP73837-FCI/MF - Microchip Technology. New Original in Stock. Download Linear Technology MCP73837-FCI/MF datasheet/specifications on AllelcoElec.com. Request a quote for MCP73837-FCI/MF, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MCP73837-FCI/MF Tech Specifications  
MCP73837-FCI/MF - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Mounting Type	Surface Mount
Voltage - Supply (Max)	6V	Interface	USB
Supplier Device Package	10-DFN (3x3)	Fault Protection	Over Voltage
Series	-	Current - Charging	Constant - Programmable
Programmable Features	-	Charge Current - Max	1.1A
Package / Case	10-VDFN Exposed Pad	Battery Pack Voltage	4.2V
Package	Tube	Battery Chemistry	Lithium Ion/Polymer
Operating Temperature	-40°C ~ 85°C (TA)	Base Product Number	MCP73837
Number of Cells	1		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MCP73837-FCI/MF

Product Attribute				
Part Number	MCP73837-FCI/MF	<a href="#">MCP73841-410I/UN</a>	<a href="#">MCP73842-840I/UN</a>	<a href="#">MCP73834-FCI/UN</a>
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Number of Cells	1	1	1 ~ 2	1
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Voltage - Supply (Max)	6V	12V	12V	6V
Programmable Features	-	Timer	Timer	Current
Battery Chemistry	Lithium Ion/Polymer	Lithium Ion/Polymer	Lithium Ion/Polymer	Lithium Ion/Polymer
Base Product Number	MCP73837	MCP73841	MCP73842	MCP73834
Supplier Device Package	10-DFN (3x3)	10-MSOP	10-MSOP	10-MSOP
Fault Protection	Over Voltage	Over Temperature	Over Temperature	Over Temperature
Battery Pack Voltage	4.2V	4.1V	8.4V	4.2V
Package	Tube	Tube	Tube	Tube
Series	-	-	-	-
Charge Current - Max	1.1A	-	-	1.1A
Package / Case	10-VDFN Exposed Pad	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)
Interface	USB	-	-	-
Current - Charging	Constant - Programmable	-	-	Constant - Programmable

### MCP73837-FCI/MF Datasheet PDF

Download MCP73837-FCI/MF pdf datasheets and Microchip Technology documentation for MCP73837-FCI/MF - Microchip Technology.

#### Datasheets

- [Analog and Interface Product Guide.pdf](#)
- [MCP73837,38 Datasheet.pdf](#)

#### PCN Packaging

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

#### PCN Design/Specification

- [Mold Compound Update 18/Feb/2015.pdf](#)

#### Design Resources

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

 Assembly Site 09/Feb/2023.pdf

## Customers Also Interested in

### Recommended Products



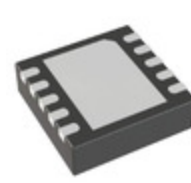
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Microchip Technology  
IC BATT CNTRL LI-ION 1CEL  
10MSOP



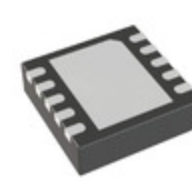
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Microchip Technology  
IC BAT CNTRL LI-ION 1-2CL 10MSOP



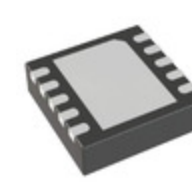
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Microchip Technology  
IC BATT CNTRL LI-ION 1CEL  
10MSOP



**MCP73838-NVI/MF**  
Microchip Technology  
IC BATT CHG LI-ION 1CELL 10DFN



**MCP73834-FCI/MF**  
Microchip Technology  
IC BATT CNTRL LI-ION 1CEL  
10DFN



**MCP73838-FCI/MF**  
Microchip Technology  
IC BATT CHG LI-ION 1CELL 10DFN



**MCP73834T-NVI/MF**  
Microchip Technology  
IC BATT CNTRL LI-ION 1CEL  
10DFN



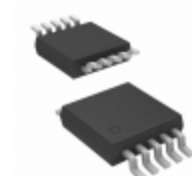
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Microchip Technology  
IC BATT CNTRL LI-ION 1CEL  
10MSOP



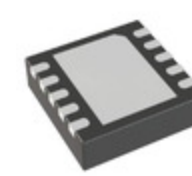
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Microchip Technology  
IC BATT CNTRL LI-ION 1CEL  
10DFN



**MCP73833T-NVI/MF**  
Microchip Technology  
IC BATT CNTRL LI-ION 1CEL  
10DFN



**MCP73841-420I/UN**  
Microchip Technology  
IC BATT CNTRL LI-ION 1CEL  
10MSOP



**MCP73837T-FCI/MF**  
Microchip Technology  
IC BATT CHG LI-ION 1CELL 10DFN



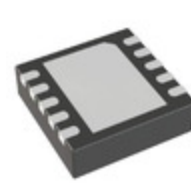
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Microchip Technology  
IC BATT CNTRL LI-ION 1CEL  
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**MCP73837T-FCI/UN**  
Microchip Technology  
IC BATT CHG LI-ION 1CELL 10MSOP



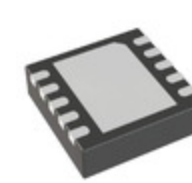
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Microchip Technology  
IC BATT CNTRL LI-ION 1CEL  
10MSOP



**MCP73834-NVI/MF**  
Microchip Technology  
IC BATT CNTRL LI-ION 1CEL  
10DFN



**MCP73837-FCI/UN**  
Microchip Technology  
IC BATT CHG LI-ION 1CELL 10MSOP



**MCP73834T-FCI/MF**  
Microchip Technology  
IC BATT CNTRL LI-ION 1CEL  
10DFN

## 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

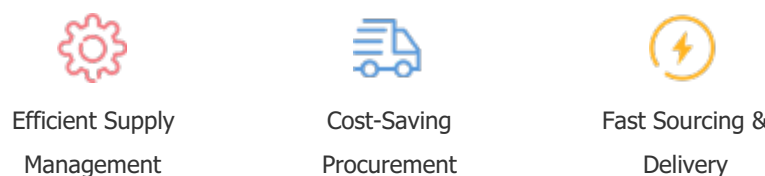
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

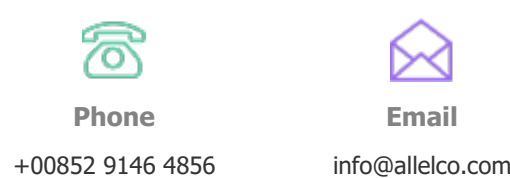
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,  
PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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### Contact us

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