

Image may be representation.
See specifications for product details.



MCP73863-I/ML

Manufacturer Part Number	MCP73863-I/ML
Manufacturer	Microchip Technology
Allelco Part Number	32D-MCP73863-I/ML
ECAD Model	PCB Footprint and Symbol
Parts Description	IC BATT CONTRL LI-ION 1CEL 16QFN
Package	16-VQFN Exposed Pad
Data sheet	Analog and Interface Product Guide.pdf
	MCP73861-64.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MCP73863-I/ML - Microchip Technology. New Original in Stock. Download Linear Technology MCP73863-I/ML datasheet/specifications on AllelcoElec.com.
Request a quote for MCP73863-I/ML, please send us email: info@allelco.com

Specifications

MCP73863-I/ML Tech Specifications
MCP73863-I/ML - 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	16-QFN (4x4)	Fault Protection	-
Series	-	Current - Charging	Constant - Programmable
Programmable Features	Timer	Charge Current - Max	1.38A
Package / Case	16-VQFN Exposed Pad	Battery Pack Voltage	4.2V
Package	Tube	Battery Chemistry	Lithium Ion/Polymer
Operating Temperature	-40°C ~ 85°C (TA)	Base Product Number	MCP73863
Number of Cells	1		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MCP73863-I/ML

Product Attribute				
Part Number	MCP73863-I/ML	MCP73862-I/ML	MCP73861T-I/MLG	MCP73861-I/ML
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Package	Tube	Tube	Tape & Reel (TR)	Tube
Series	-	-	-	-
Supplier Device Package	16-QFN (4x4)	16-QFN (4x4)	16-QFN (4x4)	16-QFN (4x4)
Current - Charging	Constant - Programmable	Constant - Programmable	Constant - Programmable	Constant - Programmable
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	16-VQFN Exposed Pad	16-VQFN Exposed Pad	16-VQFN Exposed Pad	16-VQFN Exposed Pad
Battery Pack Voltage	4.2V	8.4V	4.2V	4.2V
Interface	-	-	-	-
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Battery Chemistry	Lithium Ion/Polymer	Lithium Ion/Polymer	Lithium Ion/Polymer	Lithium Ion/Polymer
Voltage - Supply (Max)	12V	12V	12V	12V
Number of Cells	1	2	1	1
Programmable Features	Timer	Timer	Timer	Timer
Fault Protection	-	-	-	-
Base Product Number	MCP73863	MCP73862	MCP73861	MCP73861
Charge Current - Max	1.38A	1.38A	1.38A	1.38A

MCP73863-I/ML Datasheet PDF

Download MCP73863-I/ML pdf datasheets and Microchip Technology documentation for MCP73863-I/ML - Microchip Technology.

Datasheets

- Analog and Interface Product Guide.pdf
- MCP73861-64.pdf

PCN Packaging


- 2.73KHz.pdf

Design Resources

- Portable Power Conversion Design Guide.pdf

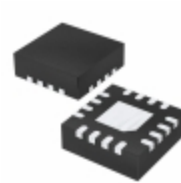
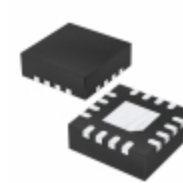
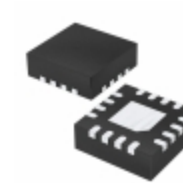
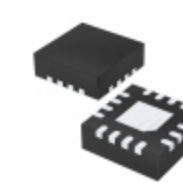
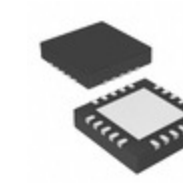
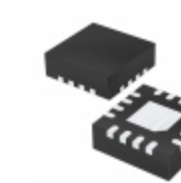
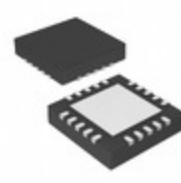
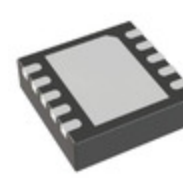

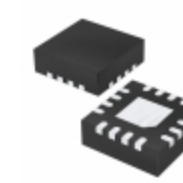
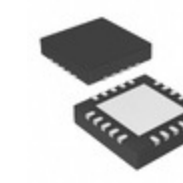
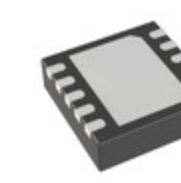
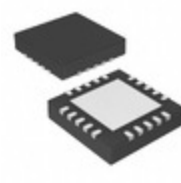
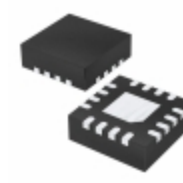
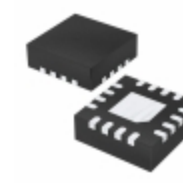
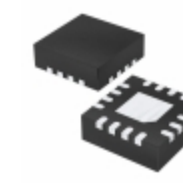
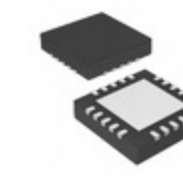

Other Related Documents

- Cylindrical Battery Holders.pdf

 Qualification Report 28/Jan/2014.pdf

Customers Also Interested in

Recommended Products

					
MCP73862-I/ML Microchip Technology IC BATT CHG LI-ION 2CELL 16QFN	MCP73861T-I/MLG Microchip Technology IC BATT CONTRL LI-ION 1CEL 16QFN	MCP73861-I/ML Microchip Technology IC BATT CONTRL LI-ION 1CEL 16QFN	MCP73853T-I/ML Microchip Technology IC BATT CONTRL LI-ION 1CEL 16QFN	MCP73871T-2AAI/ML Microchip Technology IC BATT CHG LI-ION 1CELL 20QFN	MCP73864T-I/ML Microchip Technology IC BATT CONTRL LI-ION 2CEL 16QFN
					
MCP73871T-2CAI/ML Microchip Technology IC BATT CHG LI-ION 1CELL 20QFN	MCP73855T-I/MF Microchip Technology IC BATT CONTRL LI-ION 1CEL 10DFN	MCP73864-I/SL Microchip Technology IC BATT CNTRL LI-ION 2CEL 16SOIC	MCP73861T-I/ML Microchip Technology IC BATT CONTRL LI-ION 1CEL 16QFN	MCP73871-2AAI/ML Microchip Technology IC BATT CHG LI-ION 1CELL 20QFN	MCP73855-I/MF Microchip Technology IC BATT CONTRL LI-ION 1CEL 10DFN
					
MCP73871-2CCI/ML Microchip Technology IC BATT CHG LI-ION 1CELL 20QFN	MCP73864-I/ML Microchip Technology IC BATT CONTRL LI-ION 2CEL 16QFN	MCP73862T-I/ML Microchip Technology IC BATT CONTRL LI-ION 2CEL 16QFN	MCP73861-I/MLG Microchip Technology IC BATT CONTRL LI-ION 1CEL 16QFN	MCP73871-1AAI/ML Microchip Technology IC BATT CHG LI-ION 1CELL 20QFN	MCP73861T-I/SL Microchip Technology IC BATT CNTRL LI-ION 1CEL 16SOIC

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 -

 Efficient Supply Management	 Cost-Saving Procurement	 Fast Sourcing & Delivery
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Contact us if you have any questions.

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Certifications & Memberships



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