

Battery Charger Controller Li-Ion/Li-Pol 60mA to 1000mA 4.2V 10-Pin DFN EP Tube

Manufacturers	Microchip Technology, Inc
Package/Case	DFN-10
Product Type	Power Management ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MCP73113-06SI/MF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The MCP73113 is a single cell, highly integrated Li-Ion battery charge management controller for use in space-limited and cost-sensitive applications. The MCP73113 can accept an absolute maximum of 18V input and provides a 6.5V overvoltage protection. The output current can be programmable to be between 130 mA and 1100 mA. The MCP73113 is fully specified over the ambient temperature range of -40°C to +85°C and is available in a 10 lead, 3x3 mm DFN package.

Features

Complete Linear Charge Management Controller:

Integrated Input Overvoltage Protection

Integrated Pass Transistor

Integrated Current Sense

Integrated Reverse Discharge Protection

Constant Current / Constant Voltage Operation with Thermal Regulation

Resistor Programmable Fast Charge Current: 130 mA

1100 mA

4.15V Undervoltage Lockout (UVLO)

18V Absolute Maximum Input

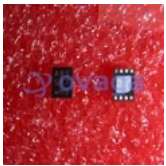
Overvoltage Protection (OVP): 6.5V

Preconditioning of Deeply Depleted Cells

Available options: 10% or Disable

Packaging: DFN-10 (3 mm x 3 mm)

Related Products



[MCP1725-3302E/MC](#)

Microchip Technology, Inc
DFN-8



[MCP1702T-5002E/CB](#)

Microchip Technology, Inc
SOT-23



[MCP1700T-3002E/TT](#)

Microchip Technology, Inc
SOT-23-3



[MCP1702T-2502E/CB](#)

Microchip Technology, Inc
SOT-23A-3



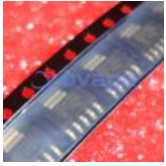
[MCP1700T-2502E/TT](#)

Microchip Technology, Inc
SOT-23-3



[MCP73830T-2AAI/MYY](#)

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TDFN-6



[MCP1826T-ADJE/DC](#)

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SOT-223-5



[MCP1703T-5002E/CB](#)

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SOT-23A-3