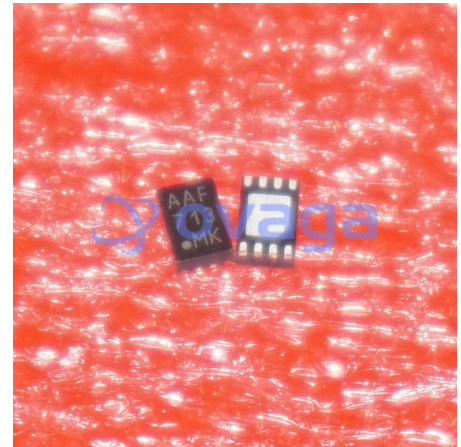


Miniature Single-Cell, Fully Integrated Li-Ion, Li-Polymer Charge Management Controllers, Battery Management Li-Ion/Li-Poly Charg Mgmt 4.2V Vreg out

Manufacturers	<u>Microchip Technology, Inc</u>
Package/Case	DFN-8
Product Type	Power Management ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MCP73831-2ATI/MC or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

Tiny 500mA linear charge management controller. Includes integrated pass transistor, integrated current sensing, and reverse discharge protection in 5-pin SOT-23 and thermally-efficient 8-pin 2mm x 3mm DFN packages

Features

High accuracy preset output voltage regulation (+/-0.75%)

Output voltage options include 4.2V, 4.35V, 4.4V and 4.5V

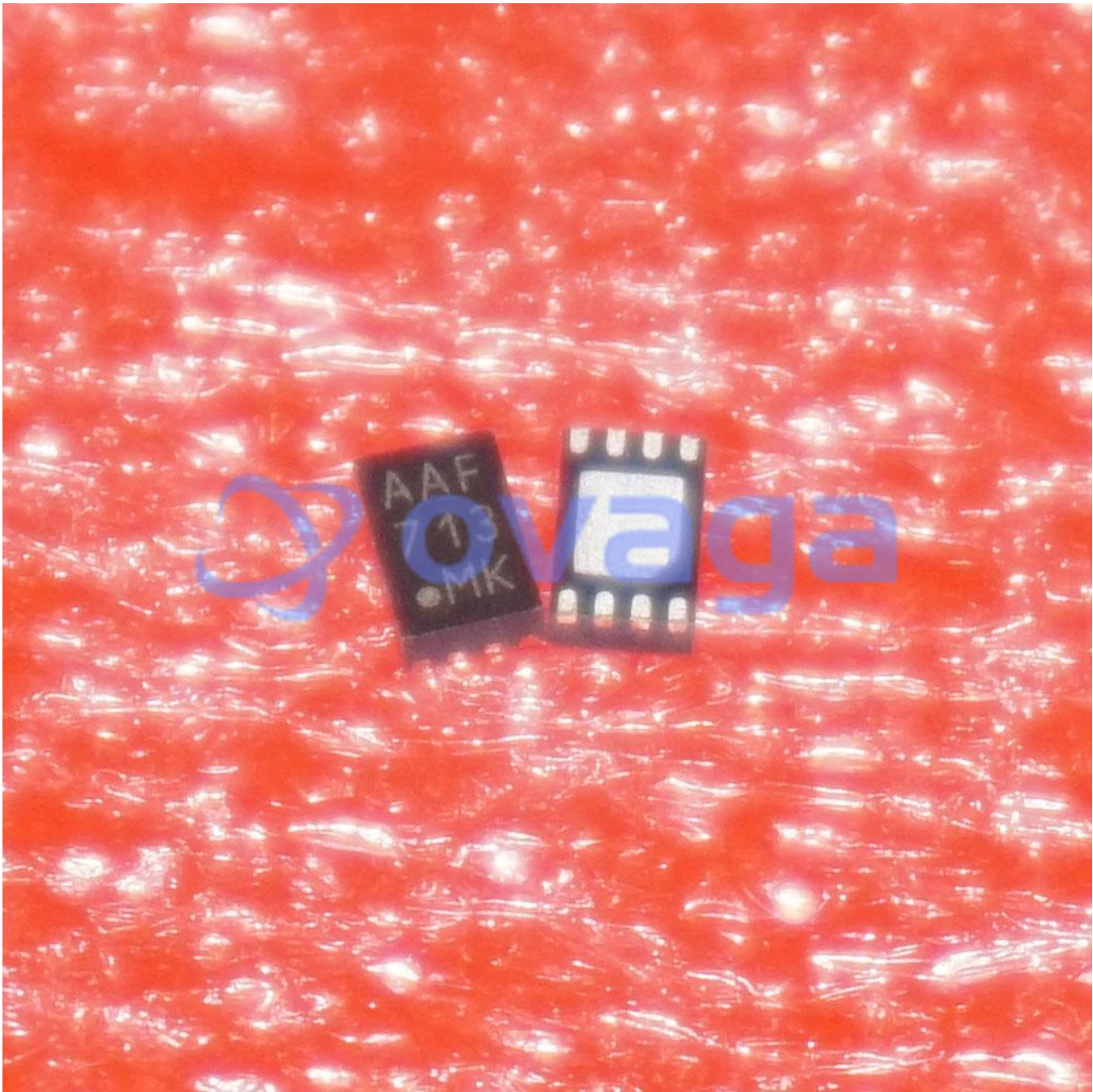
User-programmable charge current

Charge status output can directly drive LEDs

On-chip thermal regulation

Preconditioning and end-of-charge ratio options

Under-voltage lockout



Related Products



[MCP1725-3302E/MC](#)

Microchip Technology, Inc
DFN-8



[MCP1702T-2502E/CB](#)

Microchip Technology, Inc
SOT-23A-3



[MCP1702T-5002E/CB](#)

Microchip Technology, Inc
SOT-23



[MCP1700T-2502E/TT](#)

Microchip Technology, Inc
SOT-23-3



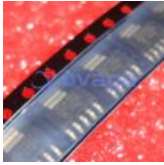
[MCP1700T-3002E/TT](#)

Microchip Technology, Inc
SOT-23-3



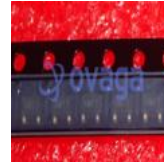
[MCP73830T-2AAI/MYY](#)

Microchip Technology, Inc
TDFN-6



[MCP1826T-ADJE/DC](#)

Microchip Technology, Inc
SOT-223-5



[MCP1703T-5002E/CB](#)

Microchip Technology, Inc
SOT-23A-3