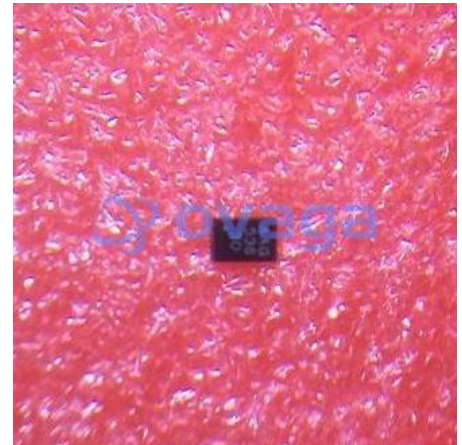


Miniature Single-Cell, Fully Integrated Li-Ion, Li-Polymer Charge Management Controllers, Battery Management Charge mgnt contr

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



Images are for reference only

Please submit RFQ for MCP73831T-2DCI/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

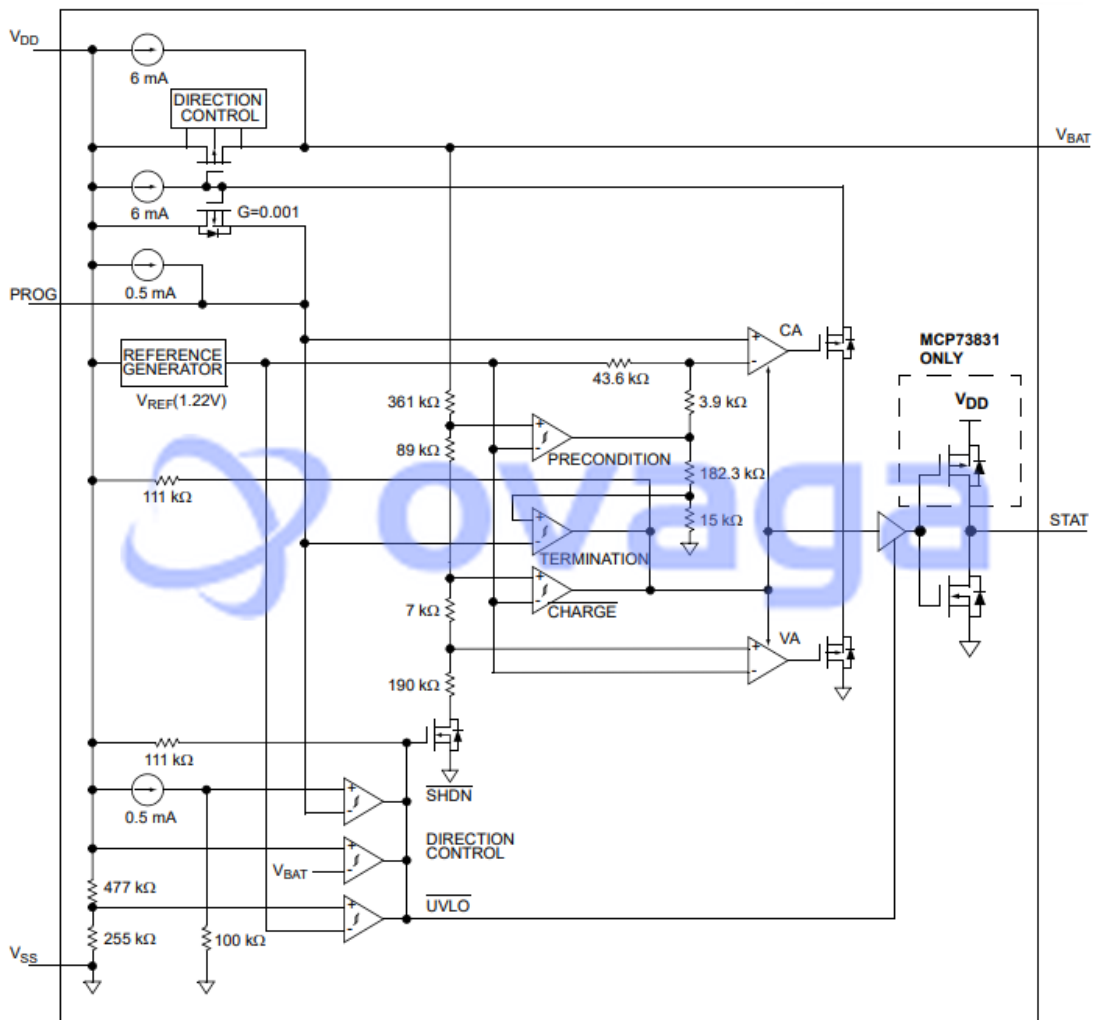
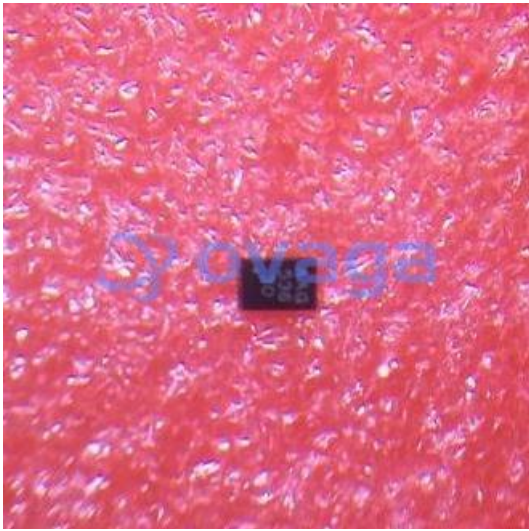
User-programmable charge current

Charge status output can directly drive LEDs

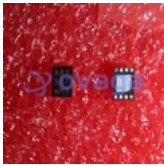
On-chip thermal regulation

Preconditioning and end-of-charge ratio options

Under-voltage lockout



Related Products



[MCP1725-3302E/MC](#)

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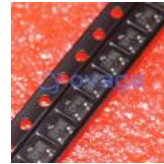
[MCP1702T-2502E/CB](#)

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[MCP1700T-2502E/TT](#)

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