

Linear Battery Charger Controller Li-Ion/Li-Pol 505mA 4.2V 5-Pin SOT-23 T/R



Images are for reference only

Manufacturer: [Microchip Technology, Inc](#)

Package/Case: SOT23-5

Product Type: Power Management ICs

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

[Inquiry](#)

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. Different than MCP73831 in the fact that the MCP73832 status output is open-drain.

Key Features

High accuracy preset output voltage regulation ($\pm 0.75\%$)

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

User-programmable charge current

Open-drain status output

On-chip thermal regulation

Preconditioning and end-of-charge ratio options

Under-voltage lockout



Recommended For You

MCP1416T-E/OT

Microchip Technology, Inc
SOT23-5

MCP1825S-1802E/DB

Microchip Technology, Inc
SOT-223

MCP1525T-I/TT

Microchip Technology, Inc
SOT23-3

MCP73831T-2ACI/OT

Microchip Technology, Inc
SOT23-5

MCP1253-ADJI/MS

Microchip Technology, Inc
MSOP8

MCP1700-3302E/TO

Microchip Technology, Inc
TO-92

MCP120-450DI/TO

Microchip Technology, Inc
TO-92

MCP1525-I/TO

Microchip Technology, Inc
TO92

MCP1541T-I/TT

Microchip Technology, Inc
SOT23-3

MCP73831T-2DCI/OT

Microchip Technology, Inc
SOT23-5

MCP16311T-E/MS

Microchip Technology, Inc
MSOP8

MCP16331T-E/CH

Microchip Technology, Inc
SOT23-6

MCP1754ST-5002E/CB

Microchip Technology, Inc
SOT-23

MCP1754ST-3302E/CB

Microchip Technology, Inc
SOT-23

MCP102T-315E/TT

Microchip Technology, Inc
SOT23