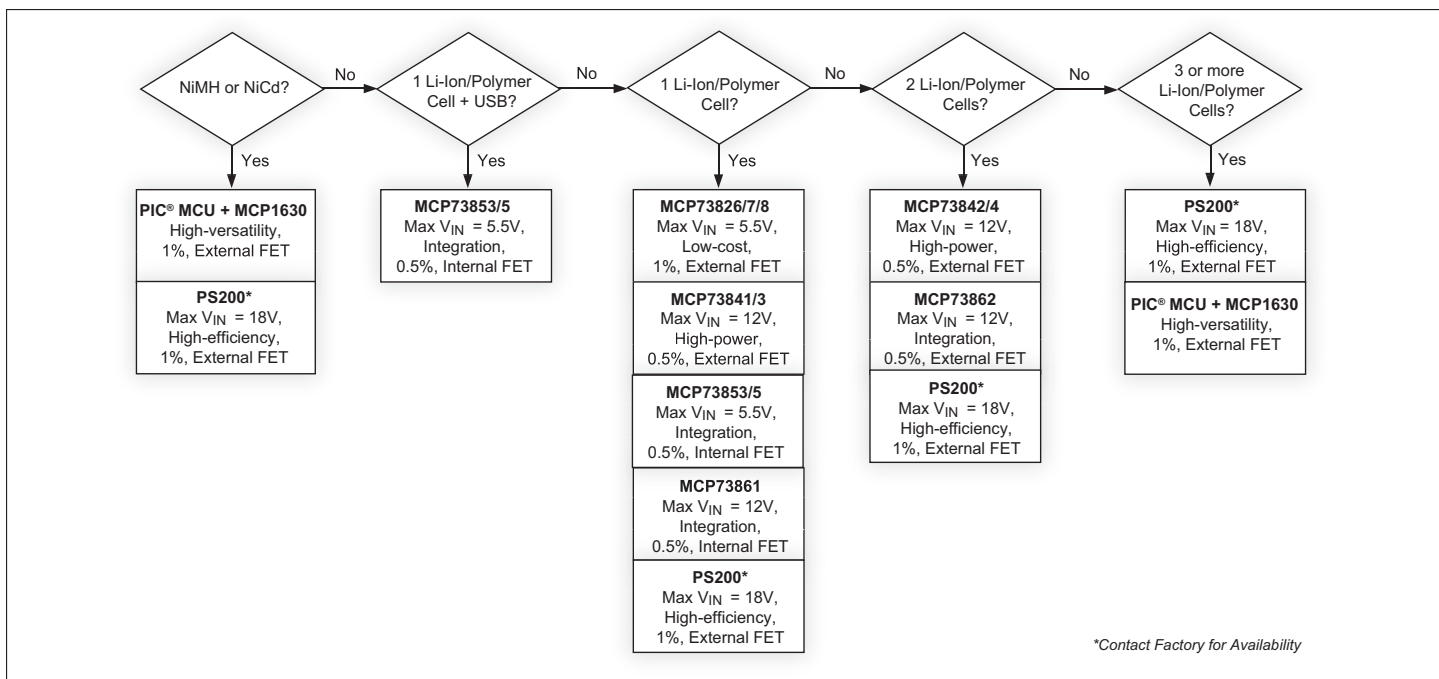


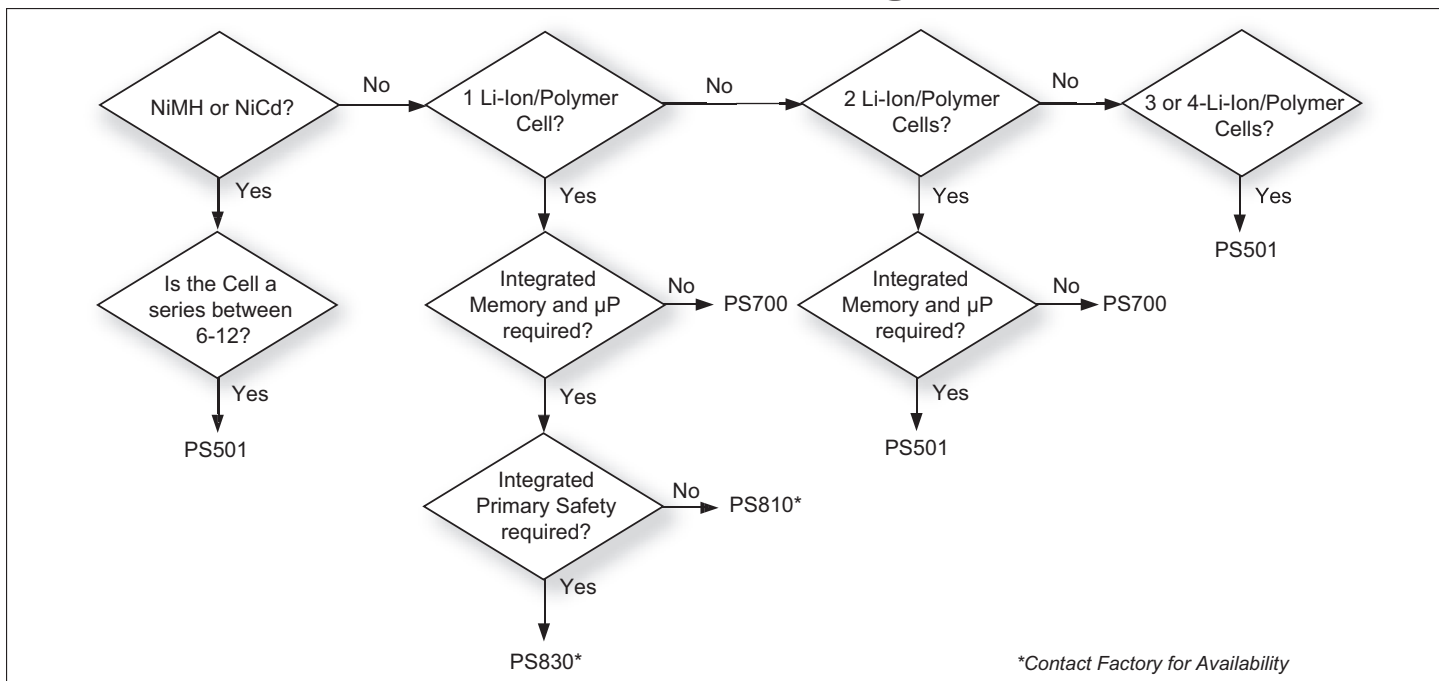


Microchip Technology is a leader in Battery Management solutions. We offer a wide range of products that can charge, manage, monitor and protect batteries. Our devices' various features and high-performance can extend battery life, increase reliability and maximize safety. The **MCP738XX** Linear Battery Chargers, for example, provide space-saving, high-accuracy solutions for 1- and 2-cell in series Lithium Ion/Lithium Polymer-powered applications. For higher power requirements and multi-cell battery packs, Microchip's **PS200** and **MCP1630** allow designers high versatility and flexibility. Our broad line of battery monitor and fuel gauge solutions accurately predict battery capacity and report battery health status. These products provide industry-leading battery management accuracy, which can address a wide range of battery chemistries and cell configurations.

Battery Charging Solutions



Monitors and Fuel Gauges



Available Literature

The following technical documents are available on Microchip's web site at: www.microchip.com

Application Note:

AN947 - Power Management in Portable Applications:
Charging Lithium-Ion/Lithium-Polymer Batteries

Data Sheets:

Battery Chargers

MCP1630 - High-Speed, Microcontroller-Adaptable,
Pulse-Width Modulator, (DS21896)

MCP73826 - Single Cell Lithium-Ion Charge Management
Controller, (DS21705)

MCP73827 - Single Cell Lithium-Ion Charge Management
Controller with Mode Indicator and Charge Current Monitor,
(DS21704)

MCP73828 - Single Cell Lithium-Ion Charge Management
Controller with Charge Complete Indicator and Temperature
Monitor, (DS21706)

MCP73841/2/3/4 - Advanced Single or Dual Cell
Lithium-Ion/Lithium-Polymer Charge Management
Controllers, (DS21823)

MCP73853/5 USB Compatible Lithium-Ion/Lithium-
Polymer Charge Management Controllers, (DS21915)

MCP73861/2 - Advanced Single or Dual Cell, Fully
Integrated Li-Ion /Li-Polymer Charge Management
Controllers, (DS21893)

Monitors and Fuel Gauges

PS501 - Single Chip Field Reprogrammable Battery
Manager, for Lithium and Nickel Chemistries, (DS21818)

PS5162, PS501 - Two-Cell Battery Manager Module with
LED SOC Display for Lithium Chemistries, (DS21842)

PS5163, PS501 - Three-Cell Battery Manager Module with
LED SOC Display for Lithium Chemistries, (DS21851)

PS5164, PS501 - Four-Cell Battery Manager Module with
LED SOC Display for Lithium Chemistries, (DS21850)

PS5100 - Nickel Chemistry Battery Manager Module with
LED SOC Display, (DS21903)

PS700 - Battery Monitor for 1 or 2 cells in Series
Lithium-Ion Battery Packs, (DS21760)

PS700 Battery Monitor and Safety Module, (DS21771)

Development Tools Documents:

PS042 PowerCal™ Calibration Platform, (DS40237)

PS051, PowerInfo™ 2 Communication Module, (DS21815)

PS052, PowerCal™ 2 Calibration Platform, (DS21817)

Evaluation Kit and Evaluation Board User Guides:

MCP1630 NiMH Demo Board User's Guide, (DS51505)

MCP7382X Evaluation Kit User's Guide, (DS51267)

MCP7384X Evaluation Kit User's Guide, (DS51424)

MCP73855 Evaluation Kit User's Guide, (DS51522)

MCP7386X Evaluation Kit User's Guide, (DS51475)

PS050, PowerTool™ 500 Development Software User's
Guide, (DS21885)

Sell Sheets:

The Microchip PS501 Battery Manager, (DS21888)

The Microchip PS700 Battery Monitor, (DS21793A)

Battery Charger Family, (DS21699)



Microchip Technology Incorporated • 2355 W. Chandler Blvd. • Chandler, AZ 85224-6199 • (480) 792-7200 • Fax (480) 792-9210