



6-Channel Li-Ion Battery Cell Controller IC

MC33772B

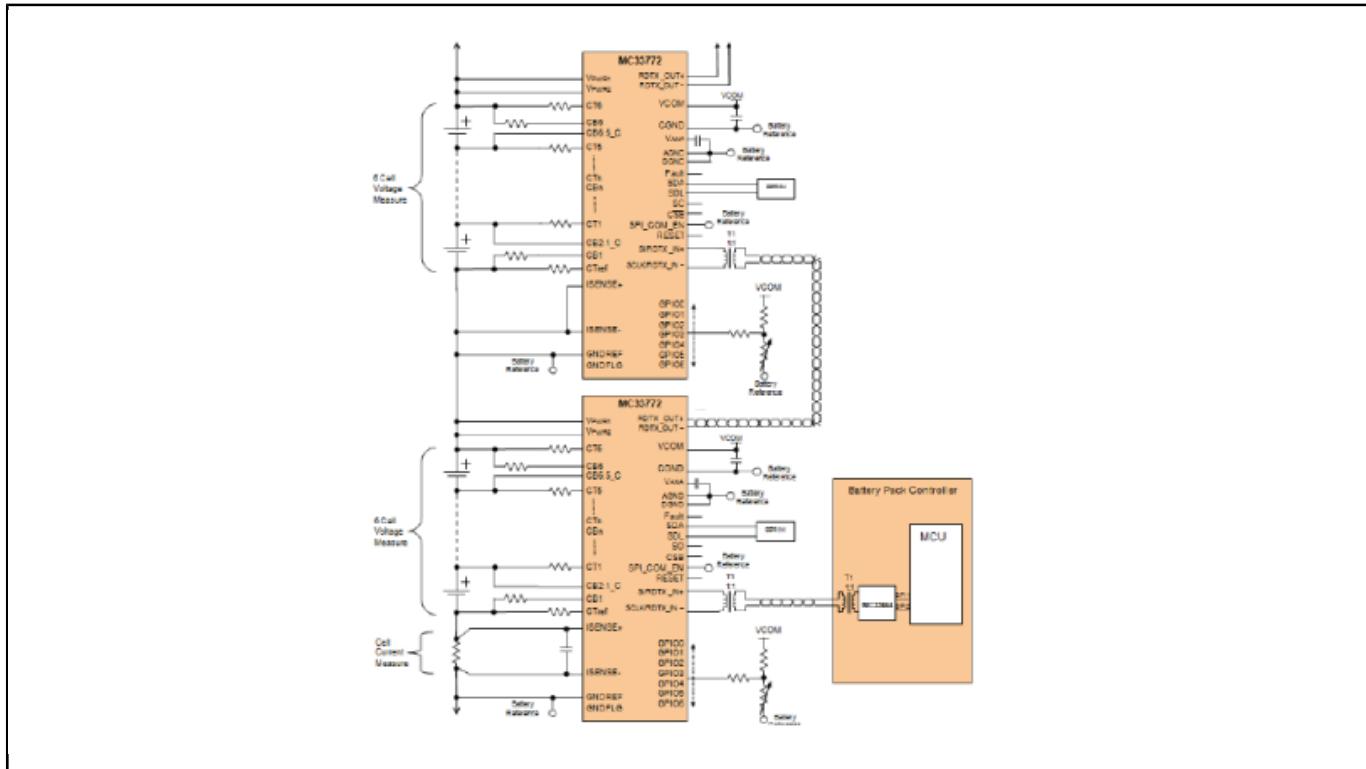
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The MC33772 is a Li-Ion battery cell controller IC designed for automotive and industrial applications such as HEV, EV, ESS, UPS systems. It has been chosen as one of [EDN's Hot 100 products for 2015!](#) featuring:

- ADC conversions on the differential cell voltages and currents as well as coulomb counting and temperature measurements
- Embedded balancing transistors and diagnostics to simplify applications
- The device supports standard SPI and transformer isolated daisy chain communication (via [MC33664](#)) to an MCU for processing and control
- The MC33772 is compliant with MPC5xxx 32-bit MCU families

Datasheet, Safety Manual and Application Hint available with a non-disclosure agreement (NDA). For additional information, contact your local [NXP Sales Office](#).

MC33772 and MC33664 High-Voltage Battery Management System Block Diagram



[View additional information for 6-Channel Li-Ion Battery Cell Controller IC.](#)

Note: The information on this document is subject to change without notice.

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