14-Channel Li-Ion Battery Cell Controller IC

MC33771C

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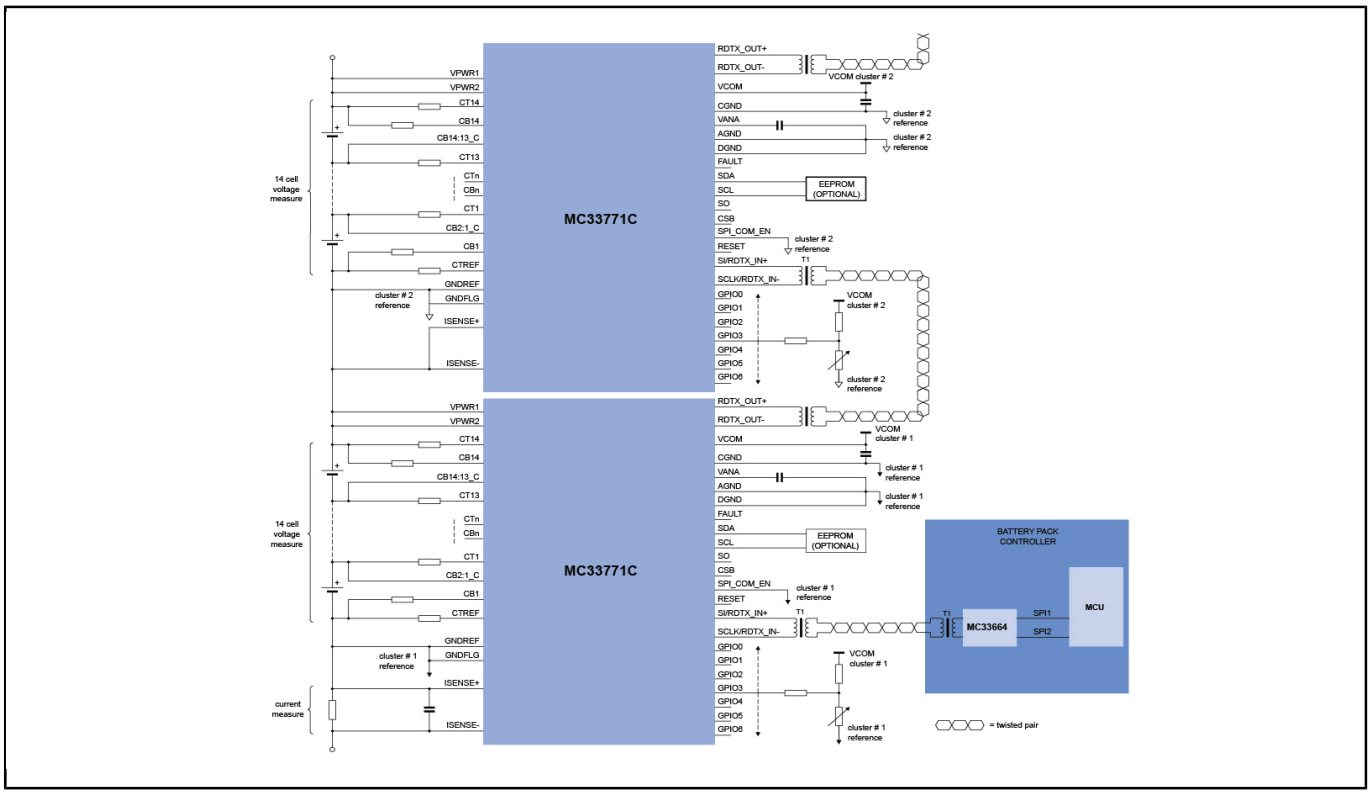
The MC33771C is a Li-Ion battery cell controller IC designed for automotive and industrial applications such as HEV, EV, ESS, UPS systems. Featuring:

- ADC conversions on the differential cell voltages with averaging up to 256 samples and currents as well as coulomb counting and temperature measurements.
- Embedded balancing transistors and diagnostics to simplify applications.
- Support standard SPI and transformer isolated daisy chain communication (with MC33664) to an MCU for processing and control up to 63 nodes in one daisy chain.
- Loopback support for one daisy chain

MC33771 and MC33664 High-Voltage Battery Management System Block Diagram



View additional information for 14-Channel Li-Ion Battery Cell Controller IC.

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