



# 6-Channel Li-Ion Battery Cell Controller IC

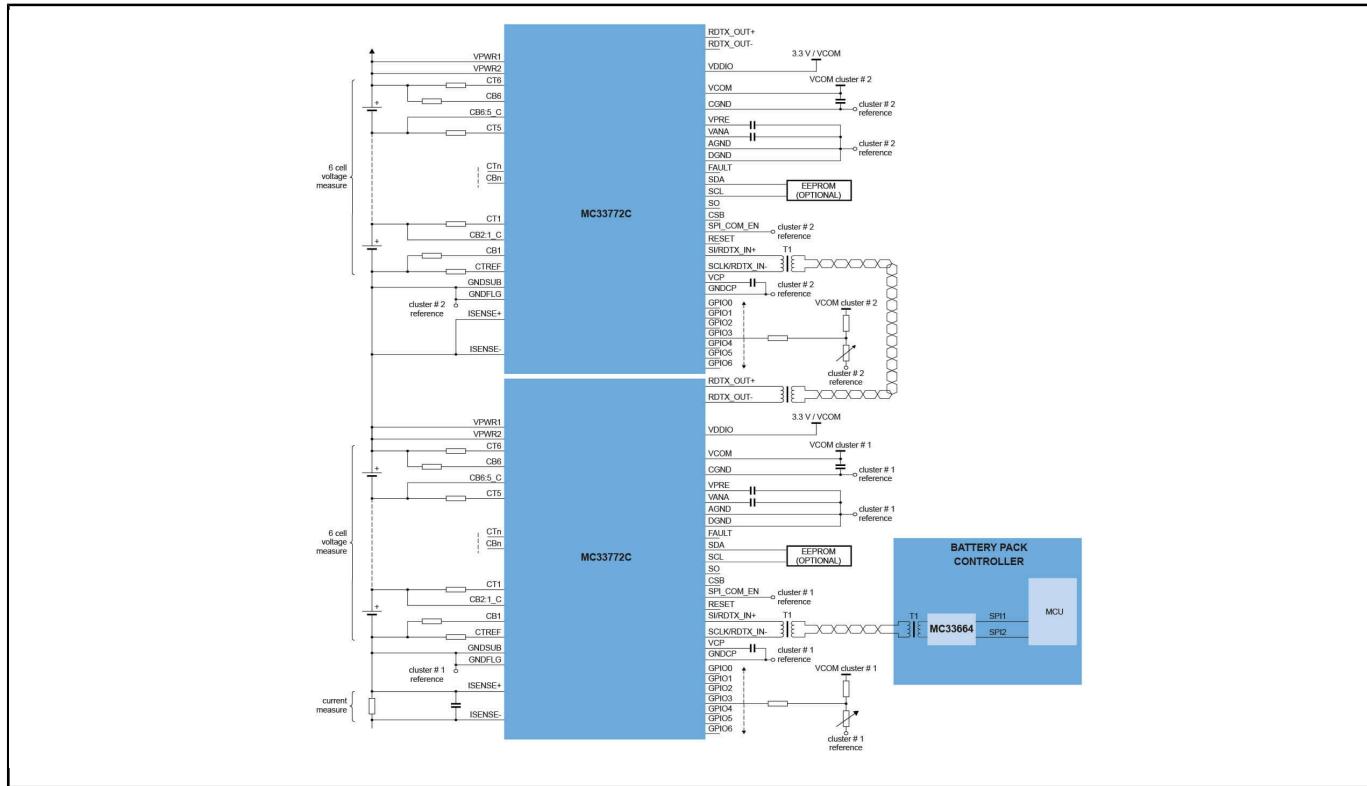
## MC33772C

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The MC33772C is a Li-Ion battery cell controller IC designed for automotive and industrial applications such as HEV, EV, ESS, UPS systems.

- 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

## MC33772C 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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