



# Embedded SW: Battery Cell Controller Software Driver for MC33771C and MC33772C

## EMBEDDED-SW-MC33771C

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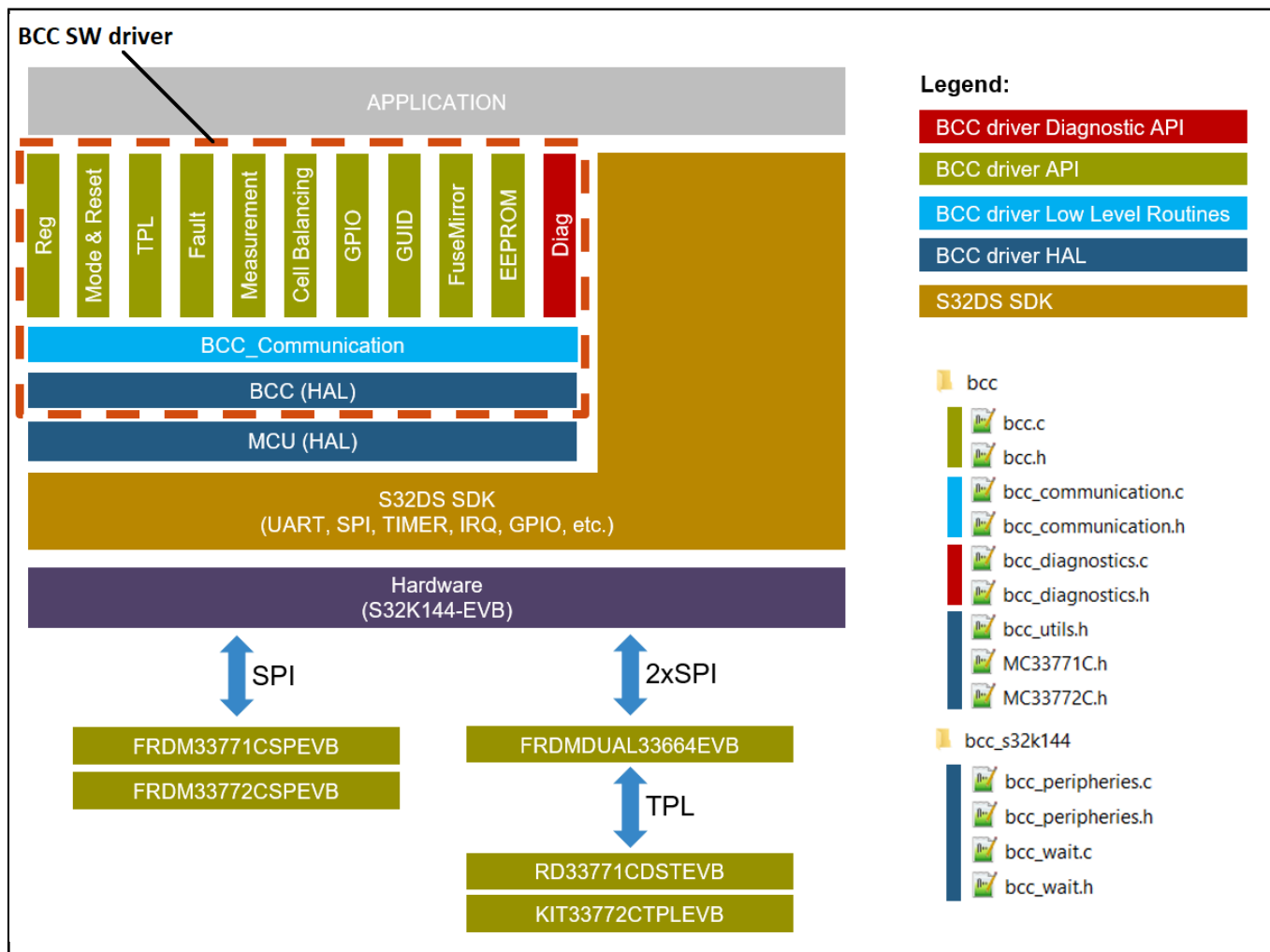
This embedded software solution provides high-level support for [MC33771C](#) and [MC33772C](#) .

Included embedded driver provides access to all features of battery cell controllers such as writing/reading registers, configuring daisy chains, handling faults, doing diagnostics and measuring voltage, current and temperature.

Implementation of the BCC software driver is generic, allowing to use any suitable 32-bit microcontroller with SPI modules and enough number of GPIO pins. Example projects for S32K144 microcontroller are part of the package.

There are two packages with BCC SW driver available: full version and lite version. Lite version is available directly from [nxp.com](#) web pages (without NDA required) but does not provide an implementation of diagnostic functions.

## Software Driver for MC33771C Block Diagram



View additional information for [Embedded SW: Battery Cell Controller Software Driver for MC33771C and MC33772C](#).

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

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