



18-Cell Battery Pack Emulator to Supply MC33774 BCC EVBs

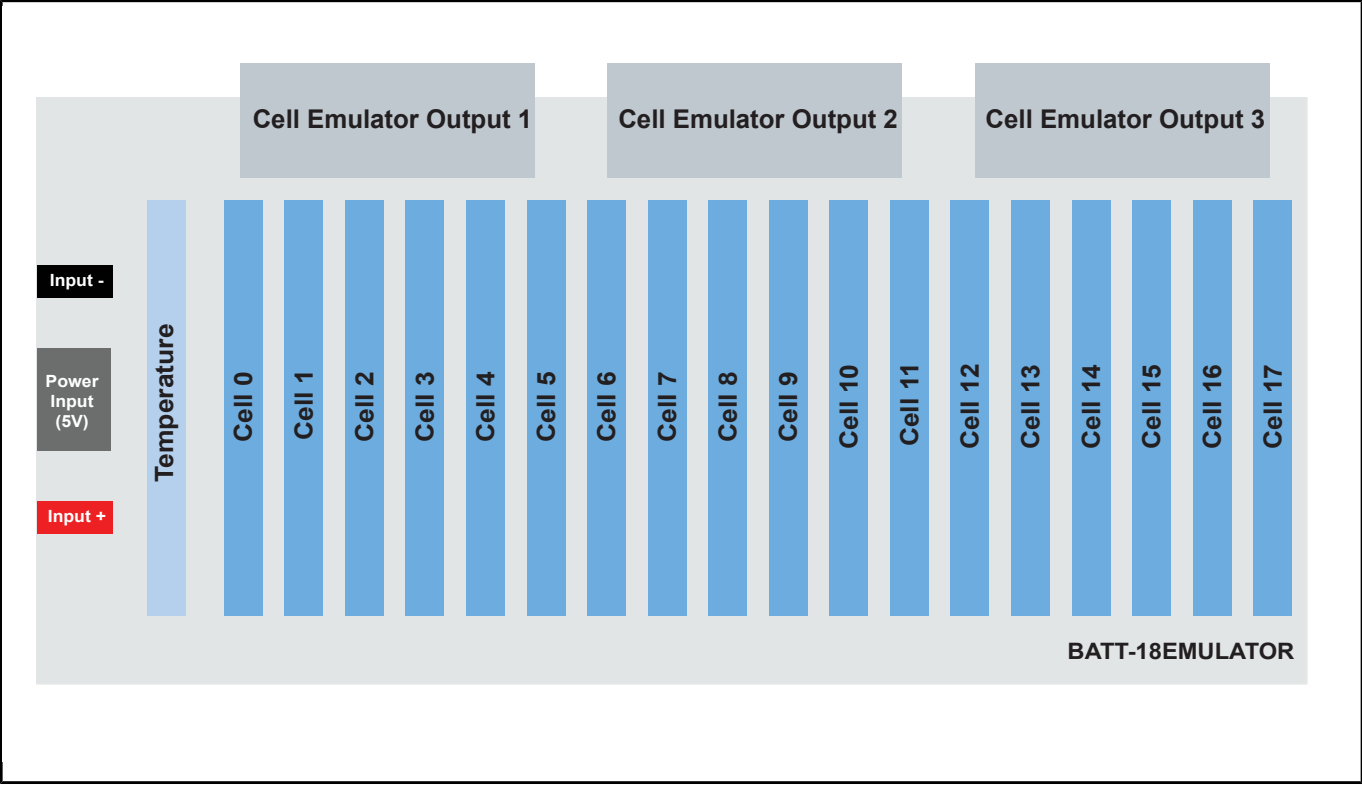
BATT-18EMULATOR

Last Updated: Dec 23, 2025

The BATT-18EMULATOR board can emulate a multi-cell battery pack that can be easily connected to the [MC33774](#) battery cell controller evaluation boards. The BATT-18EMULATOR board can be used for a quick evaluation of NXP BCC ICs, or to help the users in their software development. These boards provide a very intuitive way to change the voltage across any of the 18 cells of an emulated battery pack as well as the voltage across some analog inputs of the BCC IC that are typically used as temperature sensors. Three outputs are available to connect up to 3 NXP BCC ICs to the same emulator.

This emulator is compatible with the [RD33774CNT3EVB](#) and the [RD33774ADSTEVB](#) boards.

18-Cell Battery Pack Emulator to Supply MC33774 BCC EVBs Block Diagram



View additional information for [18-Cell Battery Pack Emulator to Supply MC33774 BCC EVBs](#).

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