



18-Cell Battery Pack Emulator for BMx7318 BCC EVBs

BATT-7318EMU

Active

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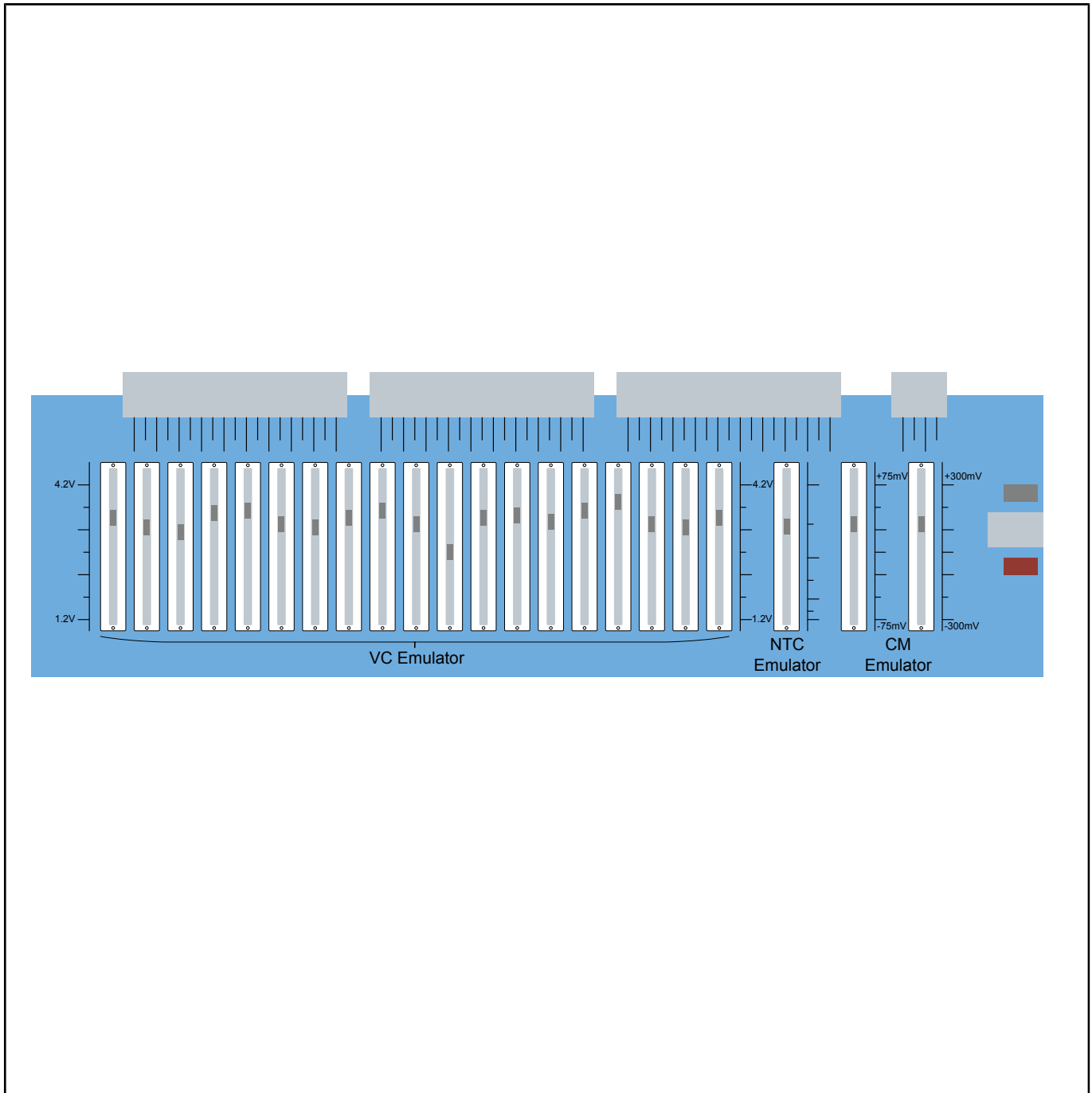
The BATT-7318EMU board emulates a multi-cell battery pack, multiple cell temperatures and cell discharge/charge currents. The emulation board can easily connect to for the BMA7318 18-cell battery cell controller (BCC):

- EVBMA7318-SPI: distributed board with a single MBMA7318FAIAE, supporting serial peripheral interface (SPI) communication
- EVBMA7318-TPL: distributed board with a single MBMA7318TAIAE, supporting Transport Protocol Link communication

Users can connect the BATT-7318EMU board for quick evaluation of NXP battery cell controllers (BCCs) integrated circuits (ICs) or to assist in software development. This board provide an intuitive way to:

- Change the voltage across any of the 18 cells of an emulated battery pack
- Adjust analog input voltages to emulate battery pack temperature
- Modify the voltage across the battery pack current sensor

BATT-7318EMU Block Diagram



View additional information for [18-Cell Battery Pack Emulator for BMx7318 BCC EVBs](#).

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