



BESS Cell Monitoring Unit (CMU) with 3x 18S Capability

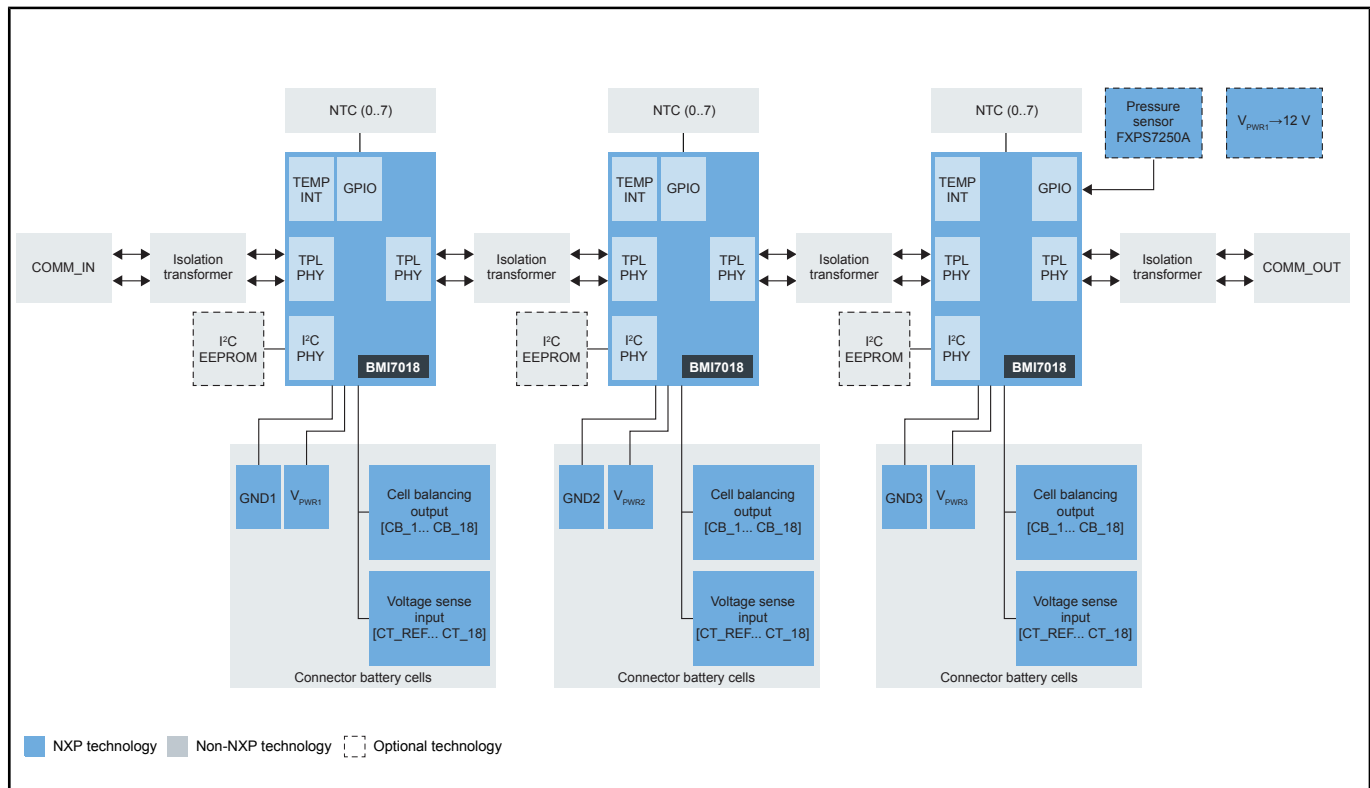
RDI7018C3T1

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The RDI7018C3T1 is a battery cell monitoring unit (CMU) reference design with electrical transport protocol link (ETPL) communication interface toward a BMU. It is ideal for rapid prototyping of a high-voltage battery energy storage system (BESS) hardware and software. This board contains three BMI7018 analog front ends (AFEs) in a daisy chain.

It can be used to monitor a battery module with up to 54 cells. There are in total 27 GPIO/Analog measurement inputs for temperature or other measurements.

RDI7018C3T1 Block Diagram



View additional information for [BESS Cell Monitoring Unit \(CMU\) with 3x 18S Capability](#).

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