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BQ30Z50EVM-bq30z50EVM Evaluation Module

The BQ30Z50EVM is a complete evaluation system for the bq30z50-R1/bq29412 battery management solution. This system includes one bq30z50-R1/bq29412 circuit module, a current sense resistor, four thermistors, and a link to Windows®-based PC software. The circuit module includes one bq30z50-R1 IC, one bq29412 IC, and all other onboard components necessary to monitor and predict capacity, perform cell balancing, monitor critical parameters, protect the cells from overcharge, overdischarge, short circuit, and overcurrent in 2-series, 3-series, or 4-series cell Li-Ion or Li-Polymer battery packs. The circuit module connects directly across the cells in a battery. With the EV2300 or EV2400 interface board and software, users can read the bq30z50-R1 data registers, program the chipset for different pack configurations, log cycling data for further evaluation, and evaluate the overall functionality of the bq30z50-R1/bq29412 solution under different charge and discharge conditions

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