14 V Battery Management System (BMS) Reference Design, Lead-Acid Replacement

RD33772C14VEVM

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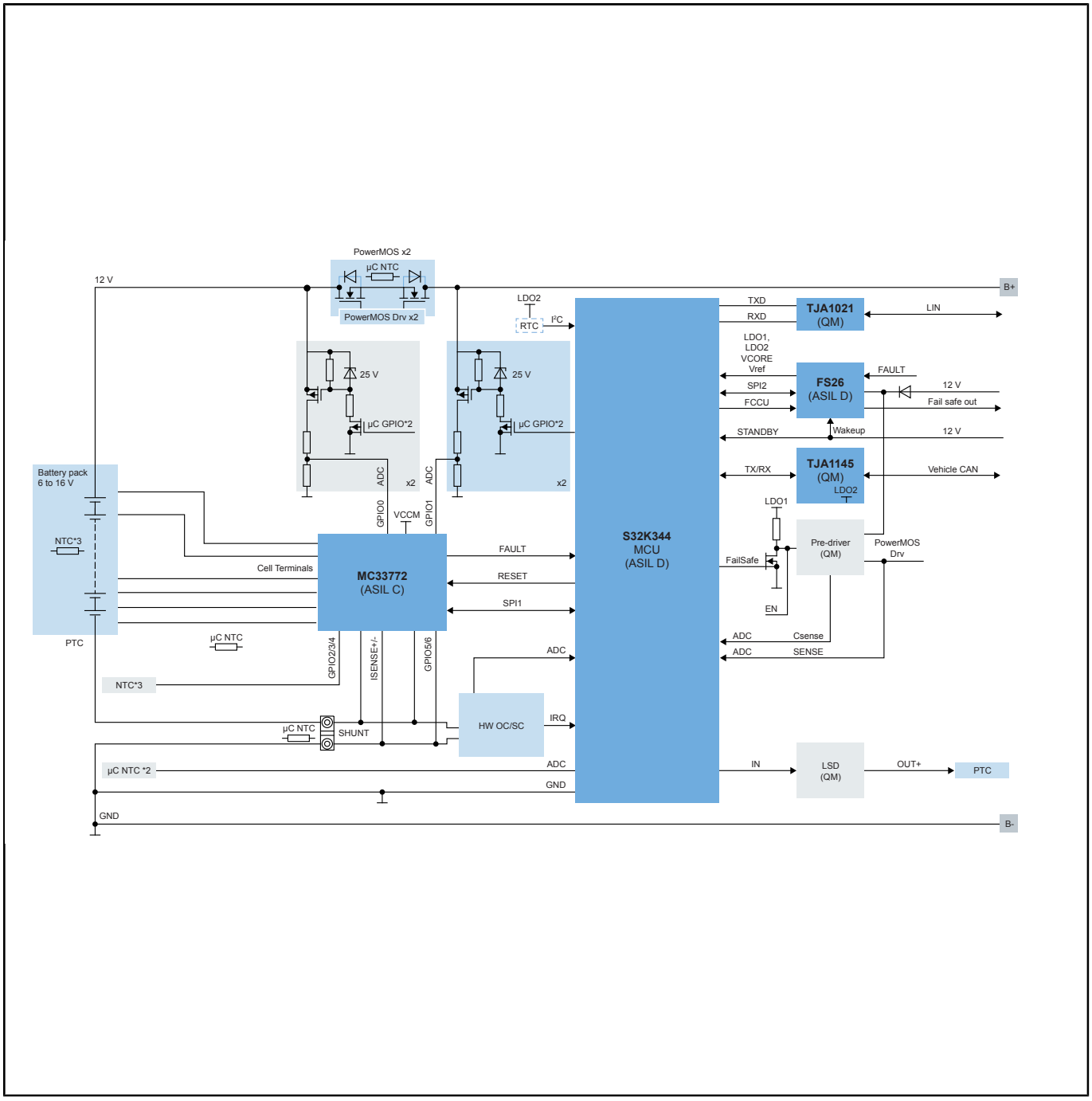
The RD33772C14VEVM is a standalone battery management system (BMS) reference design targeting automotive 14 V lead-acid replacement applications. It is ideal for evaluation, development and rapid prototyping.

This design is based around a S32K344 automotive-grade ASIL microcontroller and a FS26 safety system basis chip. The analog front end is supported by the MC33772C battery cell controller supporting 3 to 6 cells. Various cell chemistries are supported such as NMC, LFP and LTO.

14 V BMS Reference Design, Lead-Acid Replacement Block Diagram



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

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