800 V Battery Management System (BMS) Reference Designs Using ETPL

RD-HVBMSCT800BUN

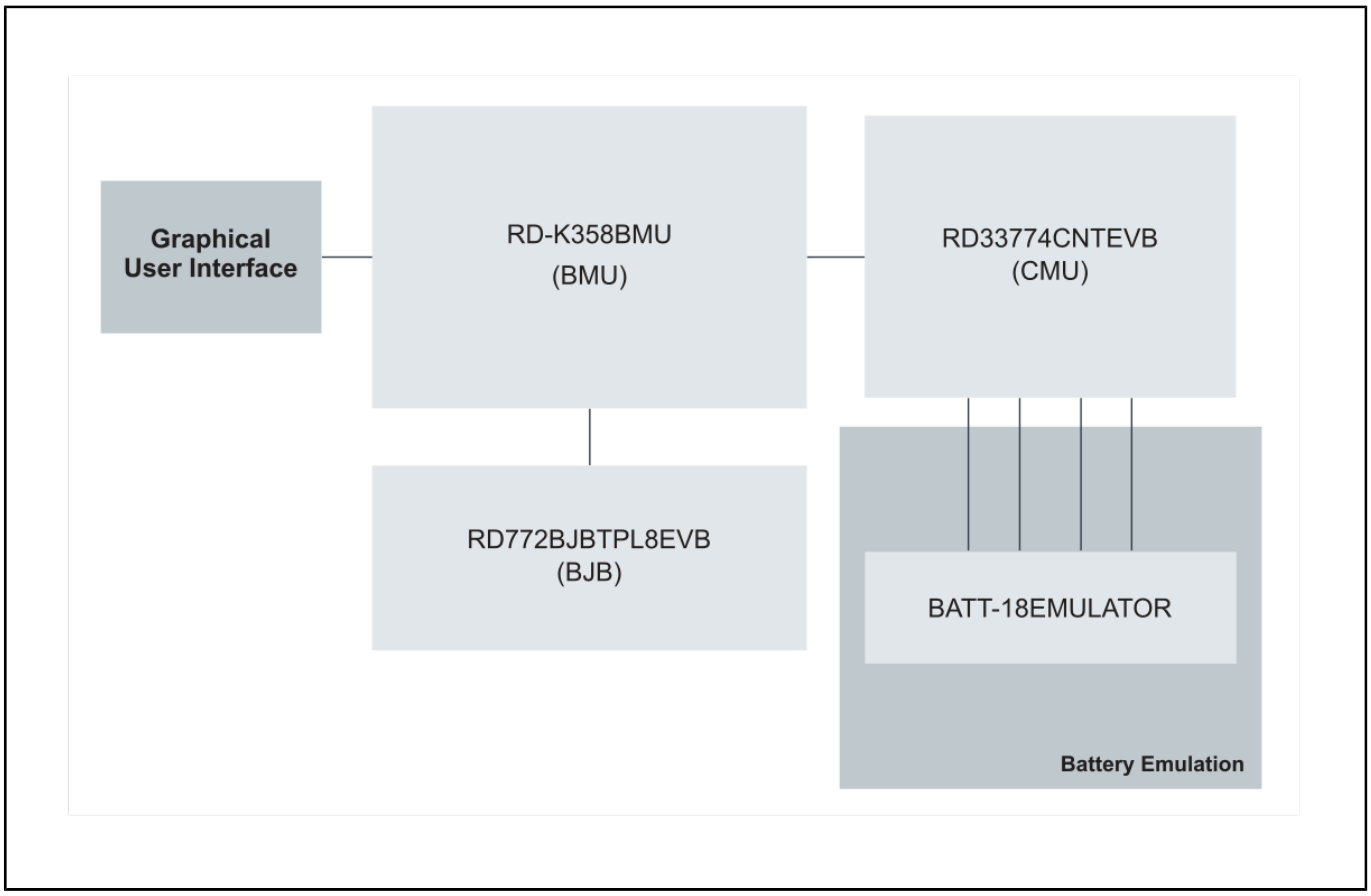
Last Updated: Oct 28, 2026

The RD-HVBMSCT800BUN is a reference design bundle for 800 V high-voltage battery management systems (HVBMS), providing a complete platform for battery management development, evaluation and prototyping.

The bundle includes the RD-K358BMU battery management unit (BMU), RD33774CNT3EVB cell monitoring unit (CMU), RD772BJBTPL8EVB battery junction box (BJB), software drivers and functional safety documentation.

Designed for scalable HVBMS development, the RD-HVBMSCT800BUN supports development, testing and validation of advanced battery architectures for electric vehicle and energy storage applications.

HVBMS Reference Design Bundle Using ETPL for 800 V Applications Block Diagram



View additional information for 800 V Battery Management System (BMS) Reference Designs Using ETPL.

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

www.nxp.com
NXP and the NXP logo are trademarks of NXP B.V. All other product or service names are the property of their respective owners. The related technology may be protected by any or all of patents, copyrights, designs and trade secrets. All rights reserved. © 2026 NXP B.V.