



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

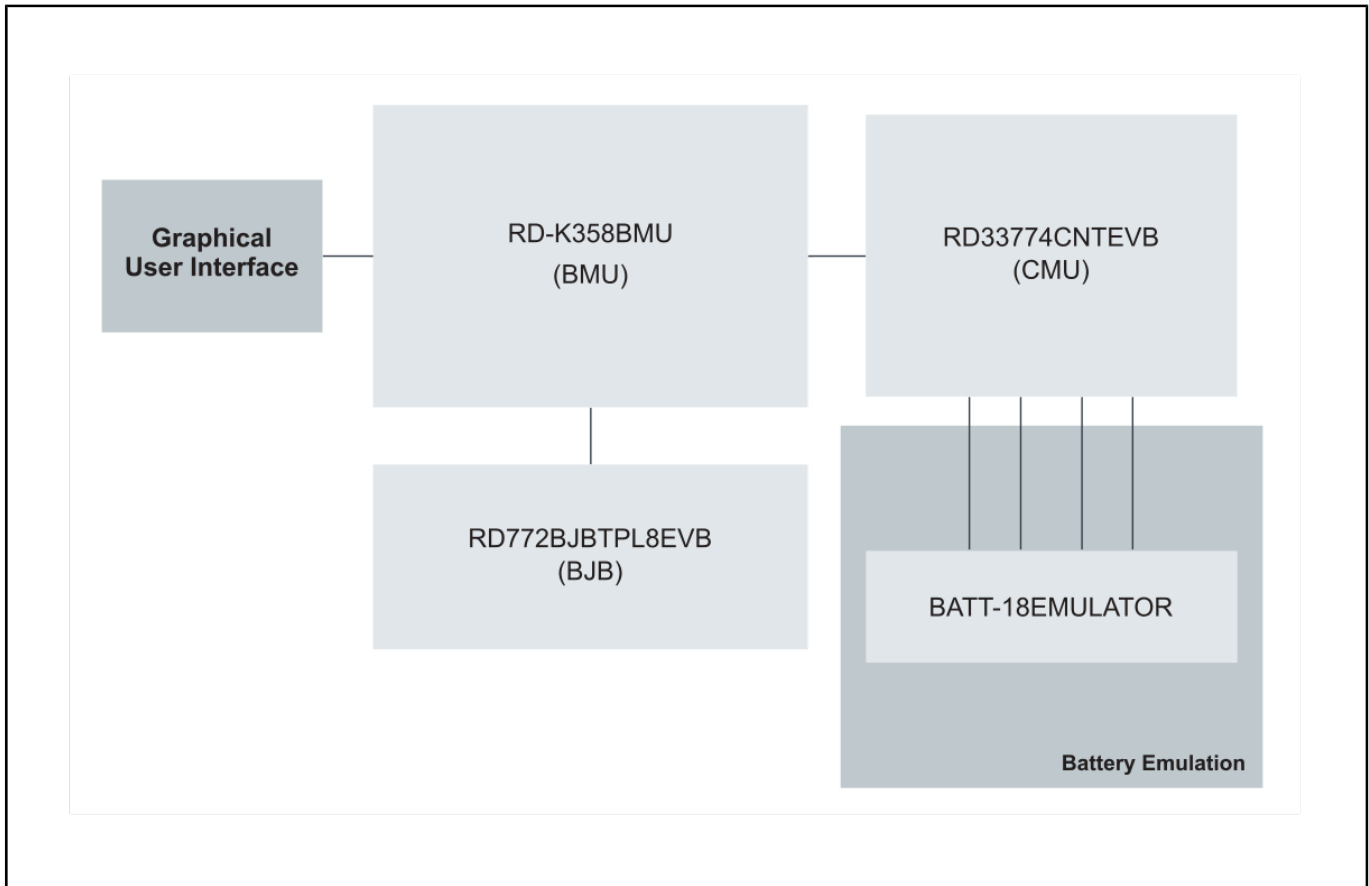
## RD-HVBMSCT800BUN

Last Updated: Apr 7, 2024

The RD-HVBMSCT800BUN is a reference design bundle for 800 V high-voltage battery management systems (HVBMS). It provides a complete hardware solution including a [RD-K358BMU](#) battery management unit (BMU), a [RD33774CNT3EVB](#) cell monitoring unit (CMU) and a [RD772BJBTPL8EVB](#) battery junction box (BJB), software drivers and a scalable functional safety documentation set.

Carmakers, suppliers and software ecosystem partners can use this bundle to develop, test and showcase new battery architectures and innovations.

## 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. © 2024 NXP B.V.