



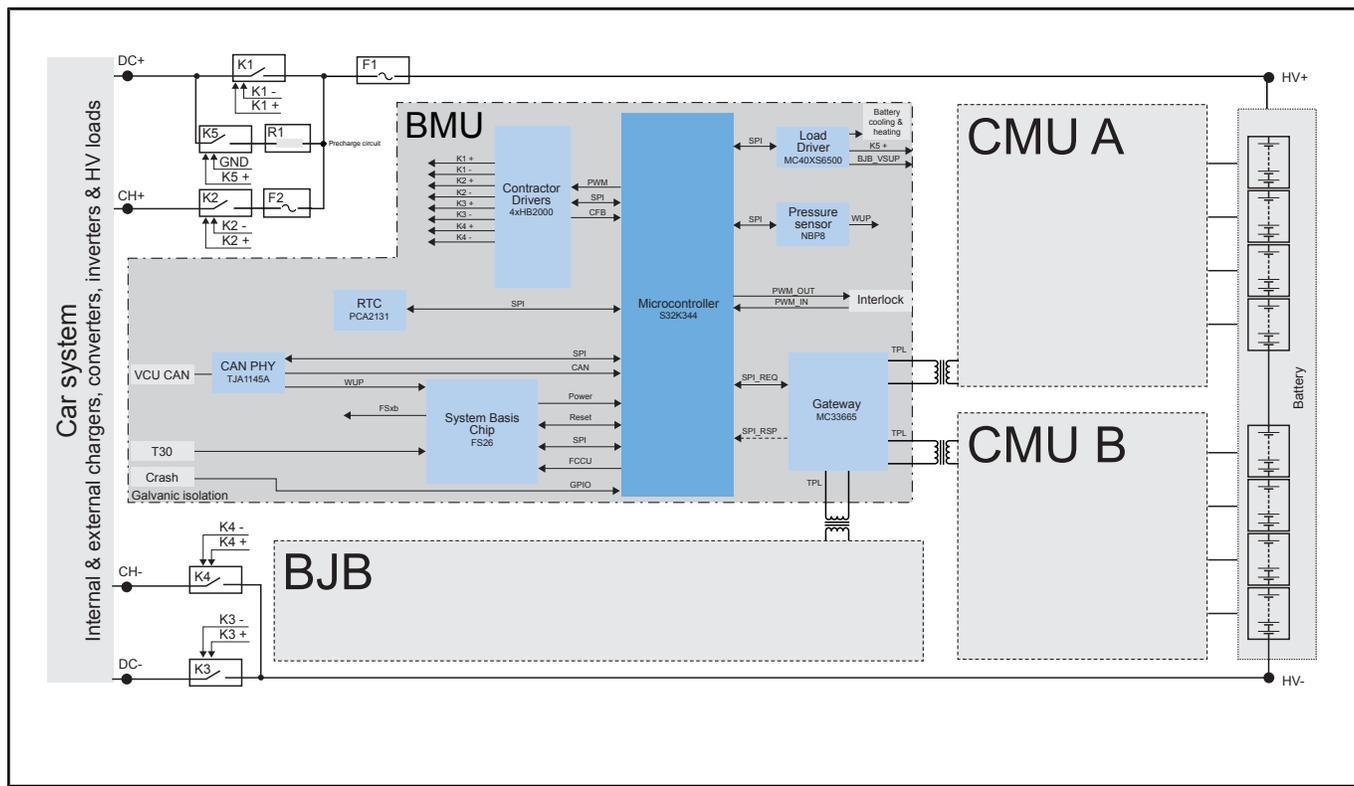
HVBMS Battery Management Unit (BMU)

HVBMS-BMU

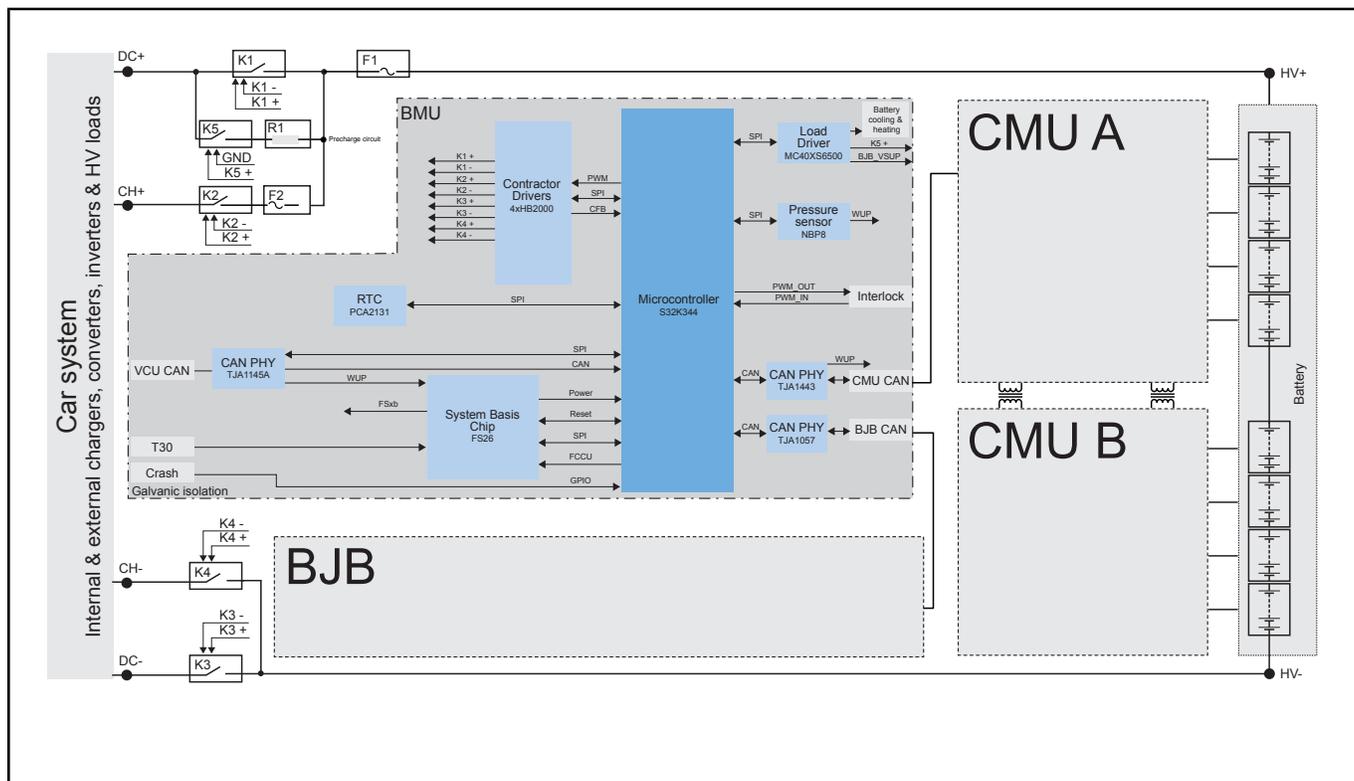
Last Updated: Nov 29, 2022

The battery management unit (BMU) is the controlling part of the battery management system (BMS). It processes data from all other BMS modules, makes decisions to ensure the safety of the BMS, communicates with the VCU and drives the contactors connecting the battery to the car system.

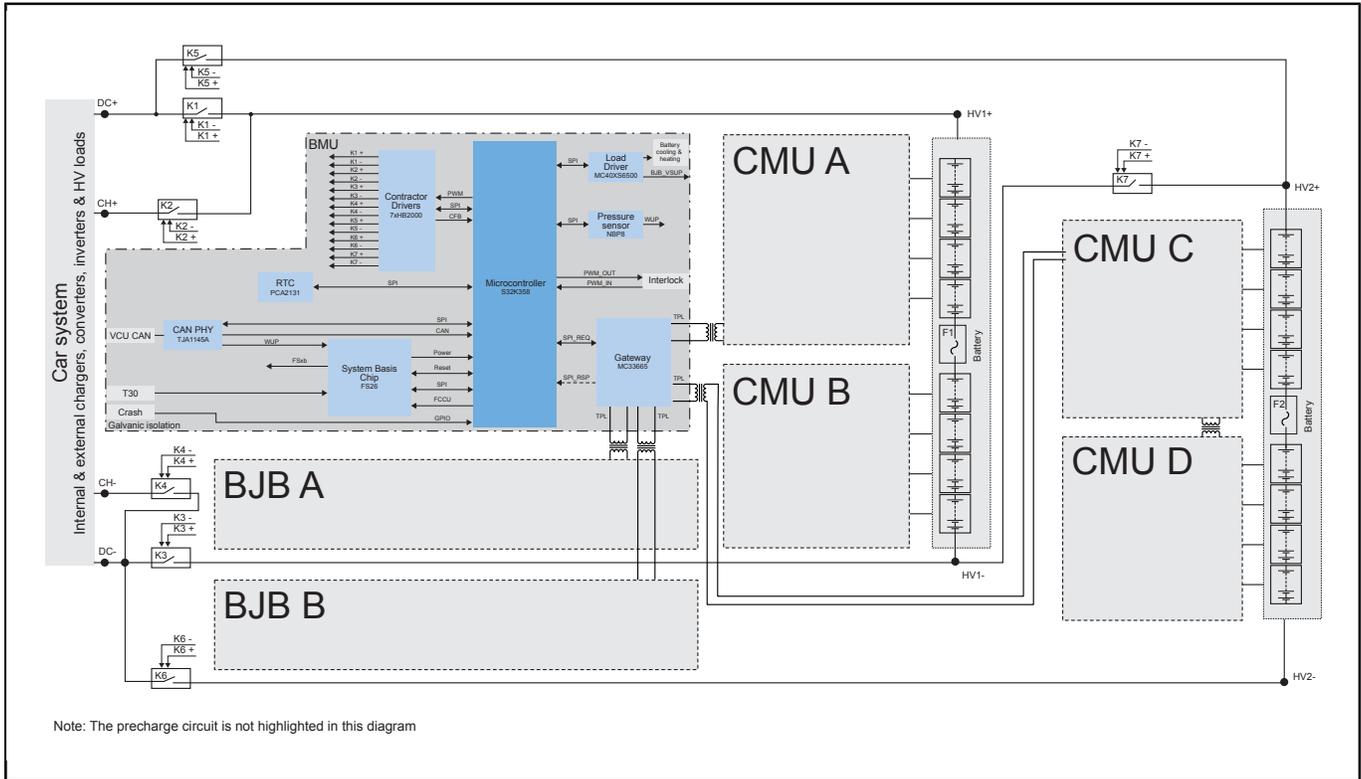
HVBMS-BMU - 400 V using ETPL Block Diagram



HVBMS-BMU - 400 V using CAN Block Diagram



HVBMS-BMU - 800 V using ETPL Block Diagram



View additional information for [HVBMS Battery Management Unit \(BMU\)](#).

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. © 2022 NXP B.V.