



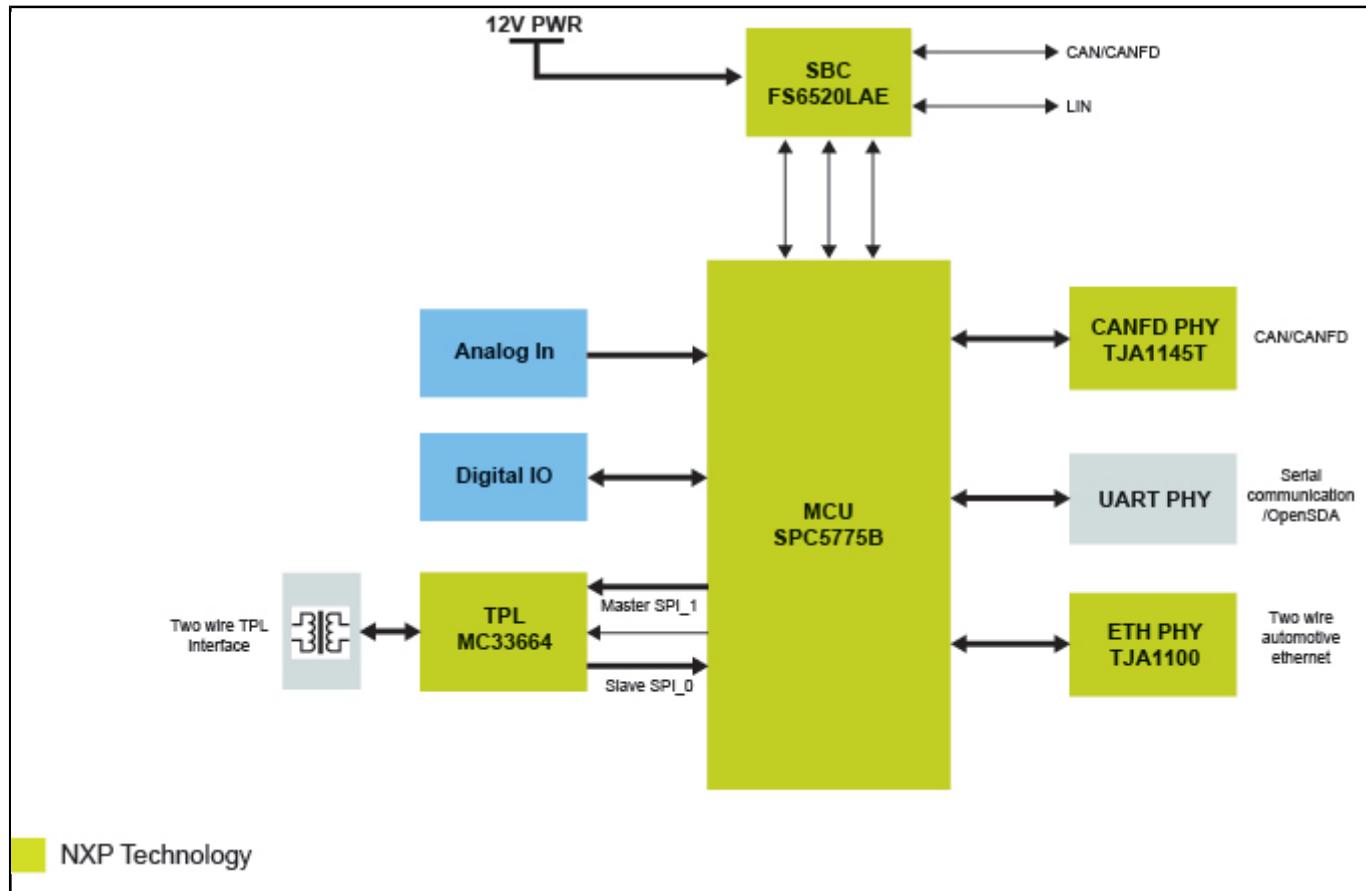
MPC5775B/E low-cost BMS and Inverter Development Board

MPC5775B-E-EVB

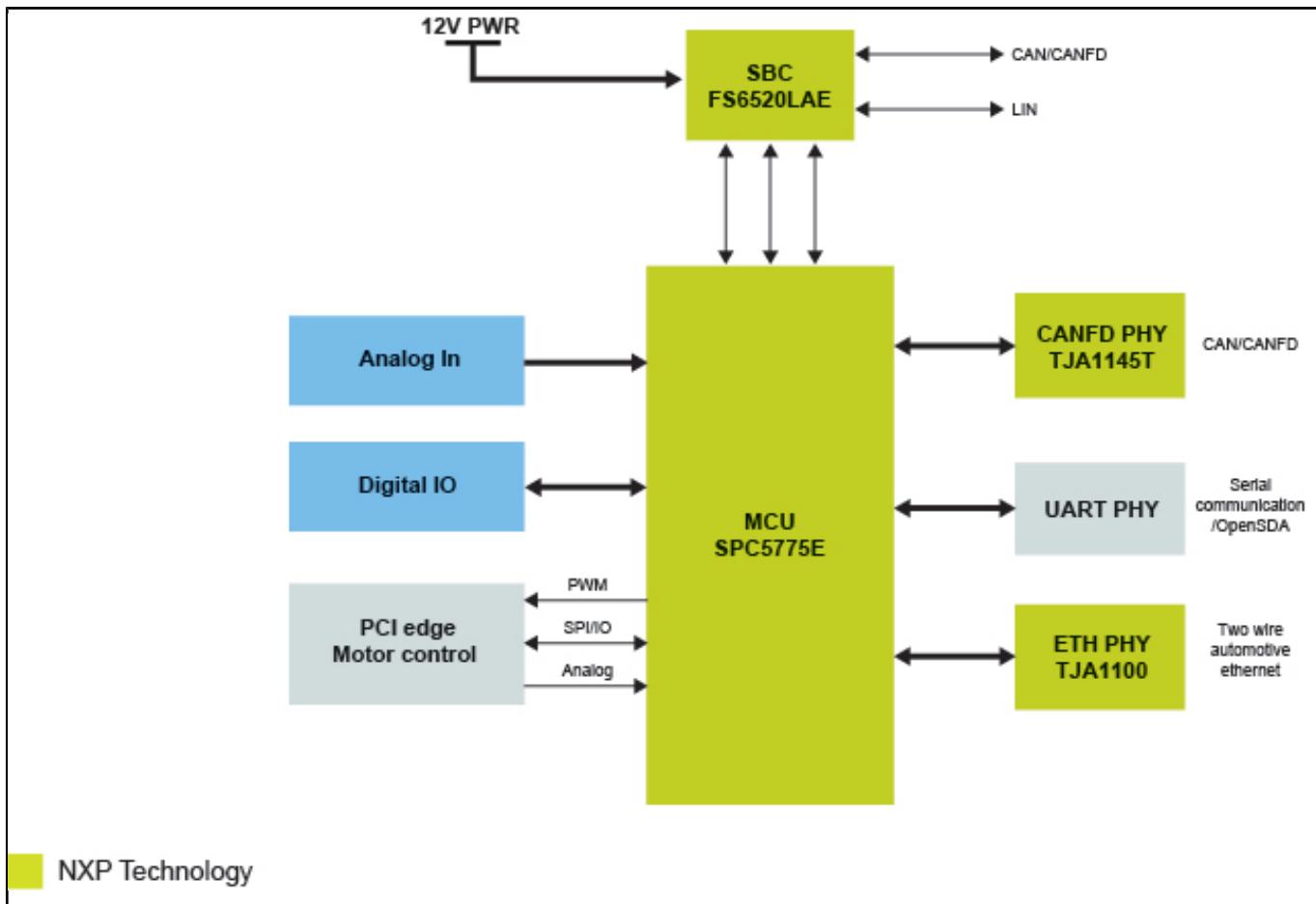
Last Updated: Dec 23, 2025

The MPC5775B-EVB and MPC5775E-EVB are low-cost development boards engineered for battery management and inverter applications. Based on the 32-bit Power Architecture® MPC5775B/E ultra-reliable microcontrollers and the MC3377x battery cell controller, the MPC5775B/E-EVBs are highly-integrated development boards that help speed development.

MPC5775B-EVB development board architecture Block Diagram



MPC5775E-EVB development board architecture Block Diagram



[View additional information for MPC5775B/E low-cost BMS and Inverter Development Board.](#)

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.