

MPC-LS Vehicle Network Processing Reference Design

MPC-LS-VNP-RDB

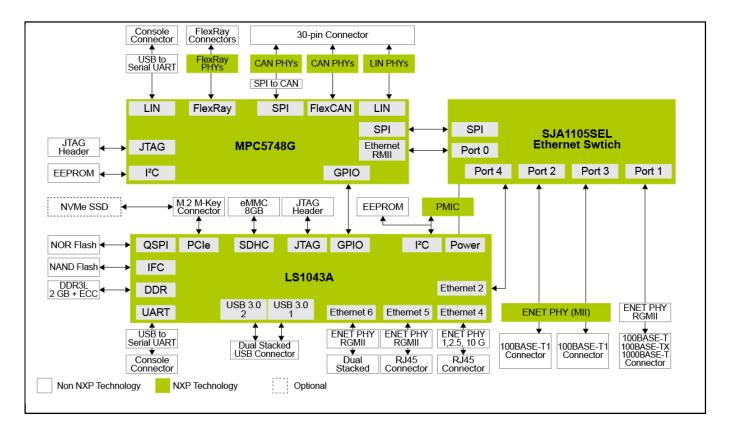
Last Updated: Sep 19, 2025

The MPC-LS-VNP-RDB is a reference design engineered for vehicle network processing (VNP) applications, used by carmakers, suppliers, and software ecosystem partners to accelerate the development of next-generation service-oriented gateways. Combining automotive and enterprise networking technology, the MPC-LS-VNP-RDB offers high levels of computing, real-time network performance, multi-gigabit packet acceleration, and security for new service-oriented gateways.

The MPC-LS-VNP-RDB integrates standards-based, open source software with feature-rich hardware for establishing a common and open framework for secure service delivery within a vehicle network.

MPC-LS Vehicle Network Processing Reference Design - Fact Sheet

Vehicle Network Processing Block Diagram



View additional information for MPC-LS Vehicle Network Processing Reference Design.

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. © 2025 NXP B.V.