S32G2 Vehicle Networking Reference Design

S32G-VNP-RDB2

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We recommend using S32G-VNP-RDB3 for new designs.

The S32G-VNP-RDB2 is a compact, highly optimized and integrated board engineering for vehicle service-oriented gateway (SoG), domain control applications, high-performance processing, safety and security applications.

Based on quad Arm® Cortex®-A53 cores and triple, dual-core lockstep Arm Cortex-M7 cores, the S32G-VNP-RDB2 offers a high-performance computing capacity and rich input/output(I/O), providing reference for a variety of typical automotive applications, such as central gateway, domain controller, FOTA, secure key management, smart antenna and high-performance central compute nodes.

S32G-VNP-RDB2 offers high levels of compute, real-time network performance, multi-Gigabit packet acceleration and security for new automotive applications.

S32G-VNP-RDB2 system architecture Block Diagram
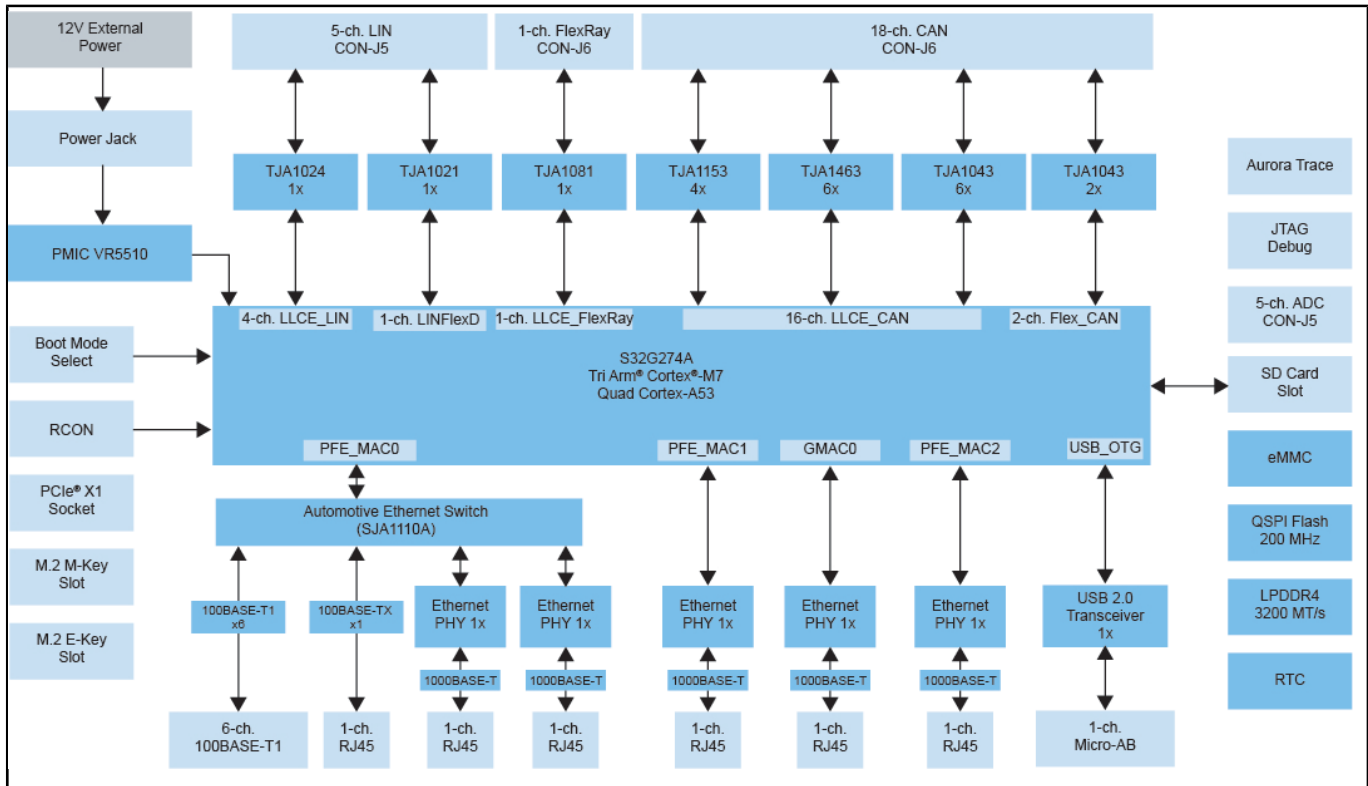
View additional information for S32G2 Vehicle Networking Reference Design.

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