S32E288-975EVB High-Performance Real-Time Processors Evaluation Board

S32E288-975EVB

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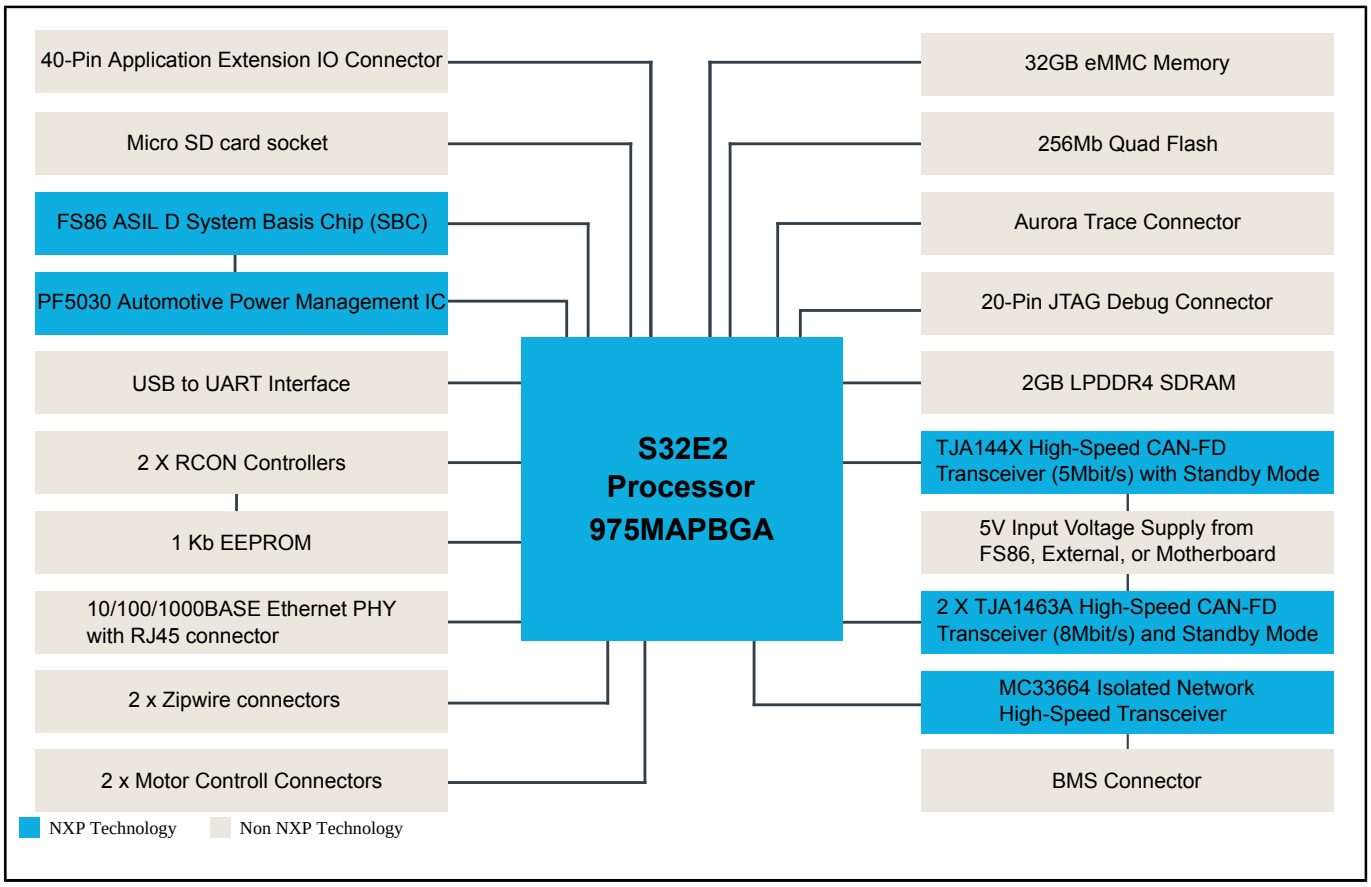
The S32E288-975EVB is an evaluation board for the S32E2 family of safe and secure, high-performance real-time processors. It provides a platform to accelerate the integration of diverse, real-time applications to support electric vehicle (xEV) control and smart actuation.

Based on a production-grade S32E288 processor that combines real-time and DSP/ML processing with hardware virtualization, 32 MB of Octal QSPI Flash, power management devices, multiple clock, boot, I/O and external memory options, Gb Ethernet, CAN FD, UART and SPI interfaces, and JTAG/Aurora debug support.

The S32E288-975EVB is enabled with the GreenVIP vehicle integration platform software that integrates NXP standard and reference design software, along with open source and third-party software to support evaluation, development and rapid prototyping.

S32E288-975EVB is a standalone development board. However, it can also be utilized with the S32X-MB for additional functionality and access to I/O and peripherals. Some of these additional peripherals include CAN FD, Ethernet, FlexRay, LIN and motor control.

S32E288-975EVB Evaluation Board Block Diagram



View additional information for S32E288-975EVB High-Performance Real-Time Processors Evaluation Board.

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