



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

S32E288-975EVB NEW

Last Updated: Apr 24, 2025

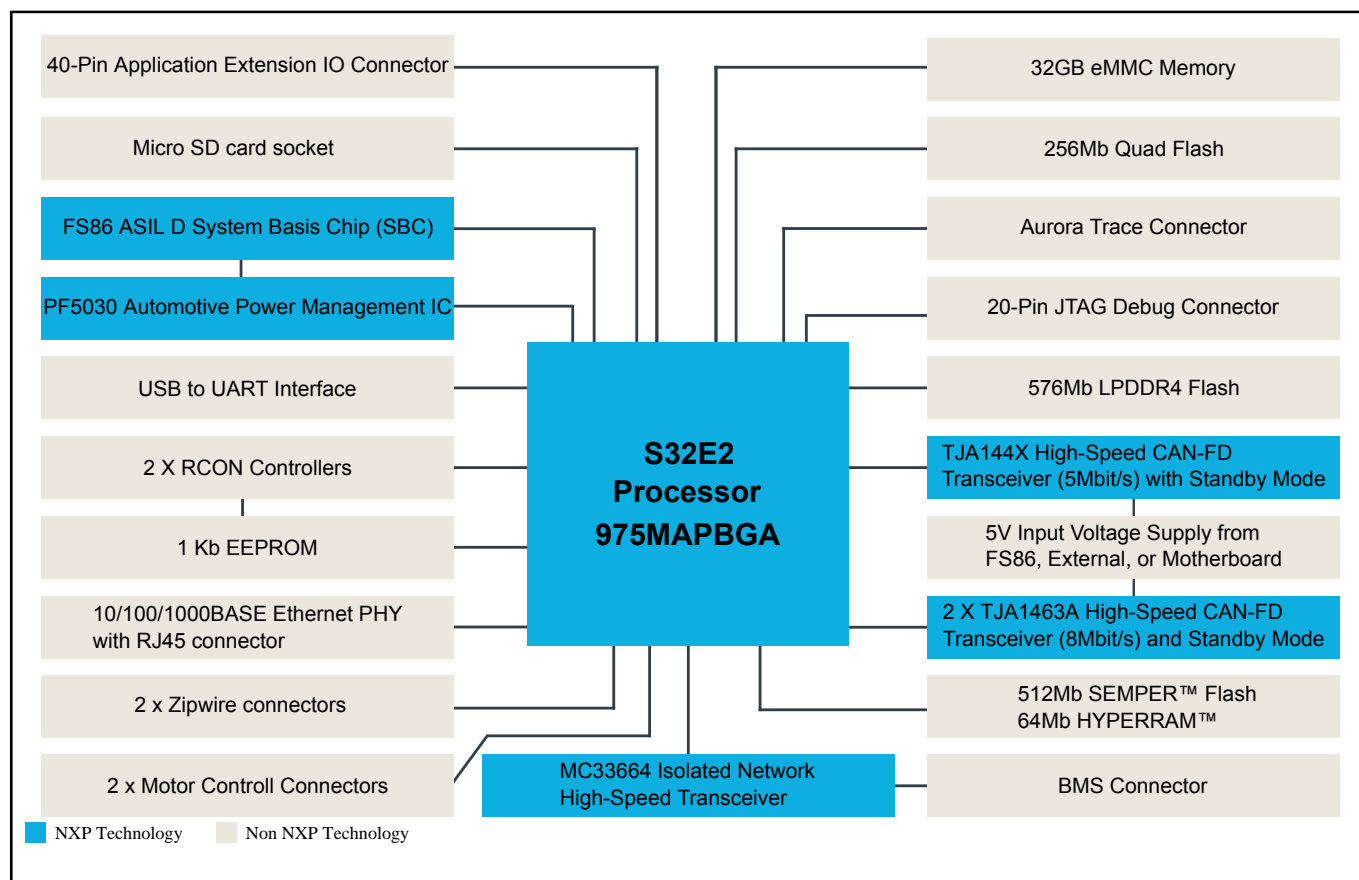
The S32E288-975EVB is an evaluation board for the S32E2 family of safe and secure, high-performance real-time processors. It provides a platform to accelerate the integration of diverse, real-time applications to support electric vehicle (xEV) control and smart actuation.

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.

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.