



# S32G2 Vehicle Networking Reference Design

## S32G-VNP-RDB

Last Updated: Nov 15, 2022

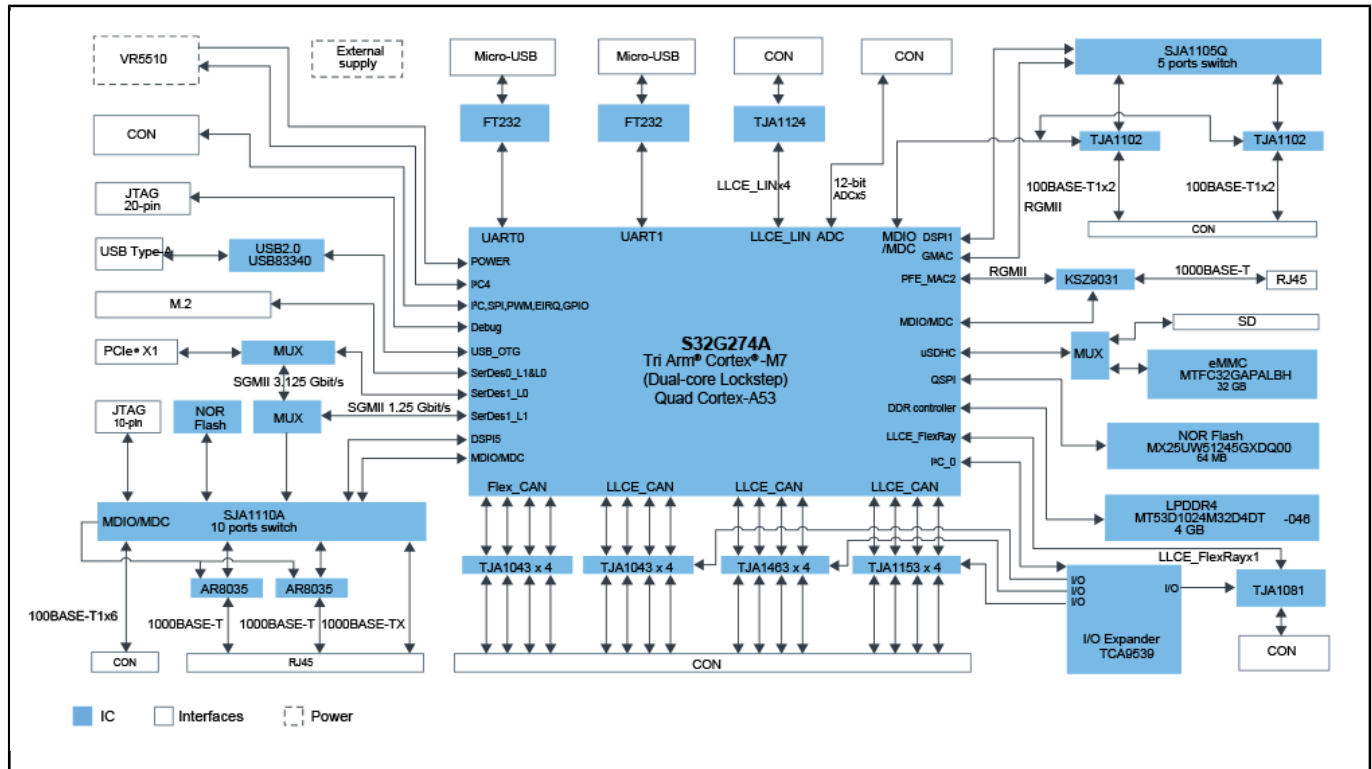
S32G-VNP-RDB is not available for new customers. We recommend using [S32G-VNP-RDB2](#) for new designs.

The S32G-VNP-RDB is an evaluation and development board engineered for developing Vehicle Network Processing applications, such as service-oriented gateways.

Based on quad Arm® Cortex®-A53 cores and triple, dual-core lockstep Arm Cortex-M7 cores, the S32G-VNP-RDB offers a combination of automotive and enterprise networking technology with a wealth of interfaces (CAN/LIN/FlexRay/Ethernet) for vehicle networks, in addition to substantial safe compute performance. The S32G-VNP-RDB includes peripheral devices with PCI Express and USB interfaces that can be leveraged by OEMs, Tier 1s, and software ecosystem partners to shorten time to market.

[S32G Vehicle Network Processing Reference Design – Fact Sheet](#)

# S32G-VNP-RDB 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.

[www.nxp.com](http://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. © 2022 NXP B.V.