



S32G2 Vehicle Networking Reference Design

S32G-VNP-RDB

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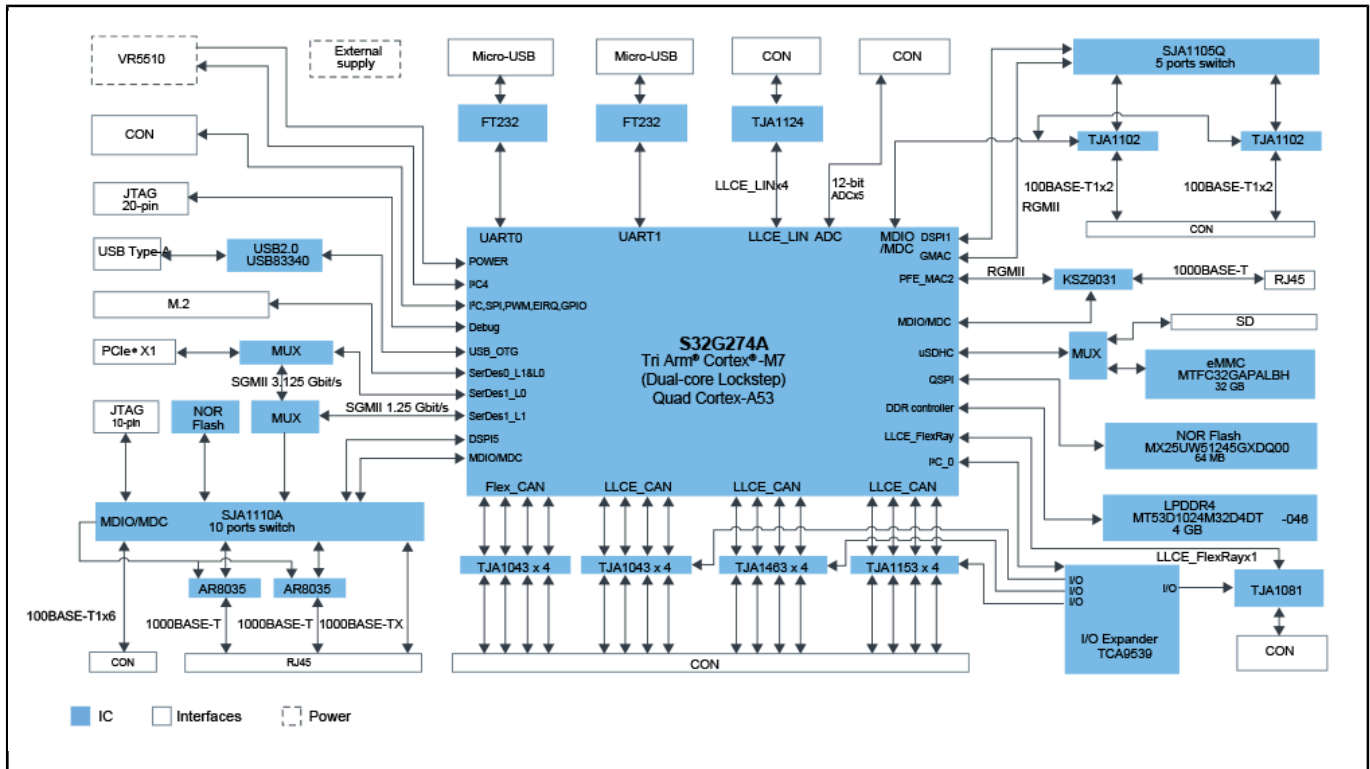
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The S32G-VNP-RDB is an evaluation and development board engineered for developing Vehicle Network Processing applications, such as service-oriented gateways.

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



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