



# Multi-Gig Safe and Secure TSN Ethernet Switch with Integrated 100BASE-T1 PHYs

## SJA1110

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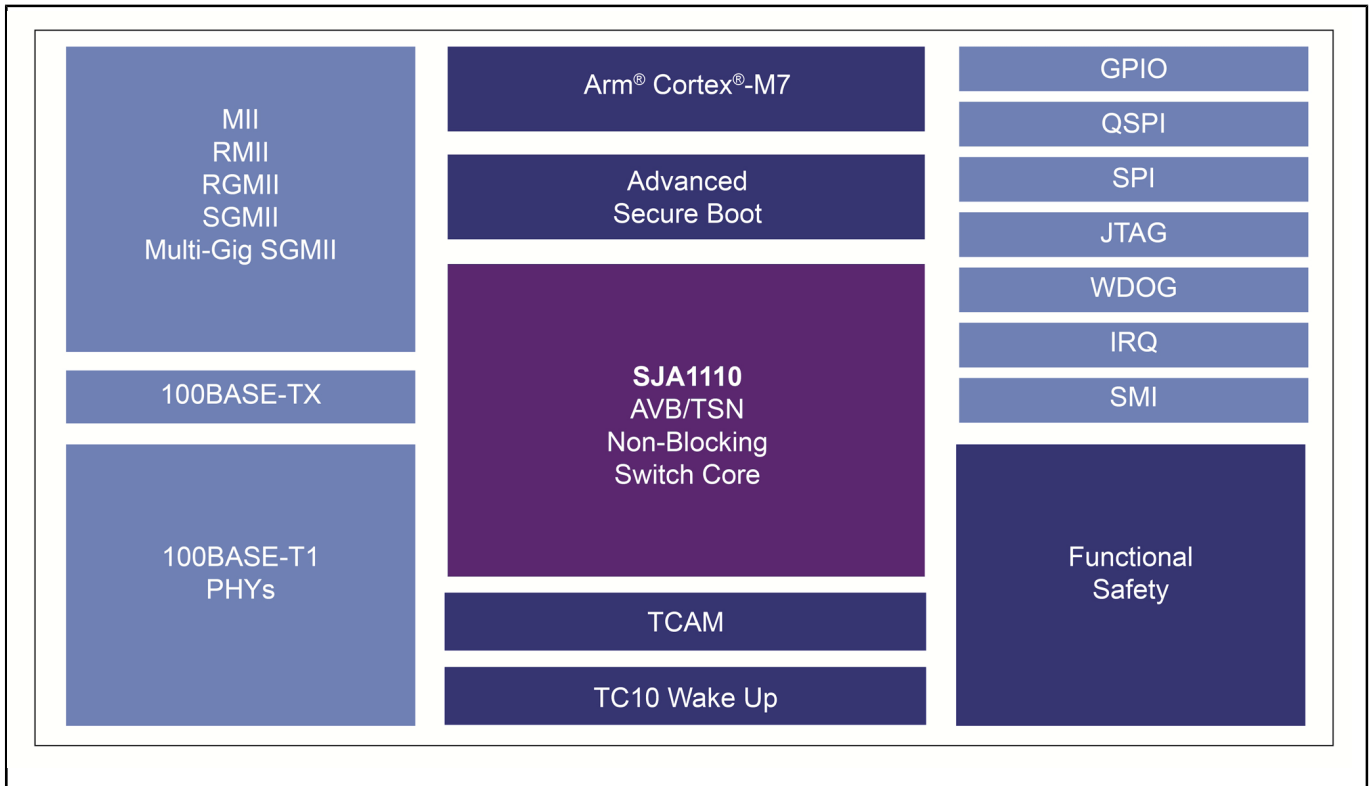
The NXP SJA1110 is a family of four pin-compatible and software-compatible automotive Ethernet Switch SoC offering a scalable solution for all automotive applications.

All SJA1110 variants come with hardware-assisted security and safety capabilities, multi-gigabit SGMII interfaces and the latest AVB and TSN standards.

NXP also offers a complete software package including SDK, AUTOSAR drives and AVB synchronization stack.

SJA1110 is further optimized to work with the [S32G vehicle networking processor](#) to enable distributed firewall and Intrusion-Detection/Prevention Systems (IDPS) reaching unmatched levels of scalability and performance.

## SJA1110 Block Diagram



View additional information for [Multi-Gig Safe and Secure TSN Ethernet Switch with Integrated 100BASE-T1 PHYs](#).

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

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