



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

SJA1110

Last Updated: Aug 17, 2023

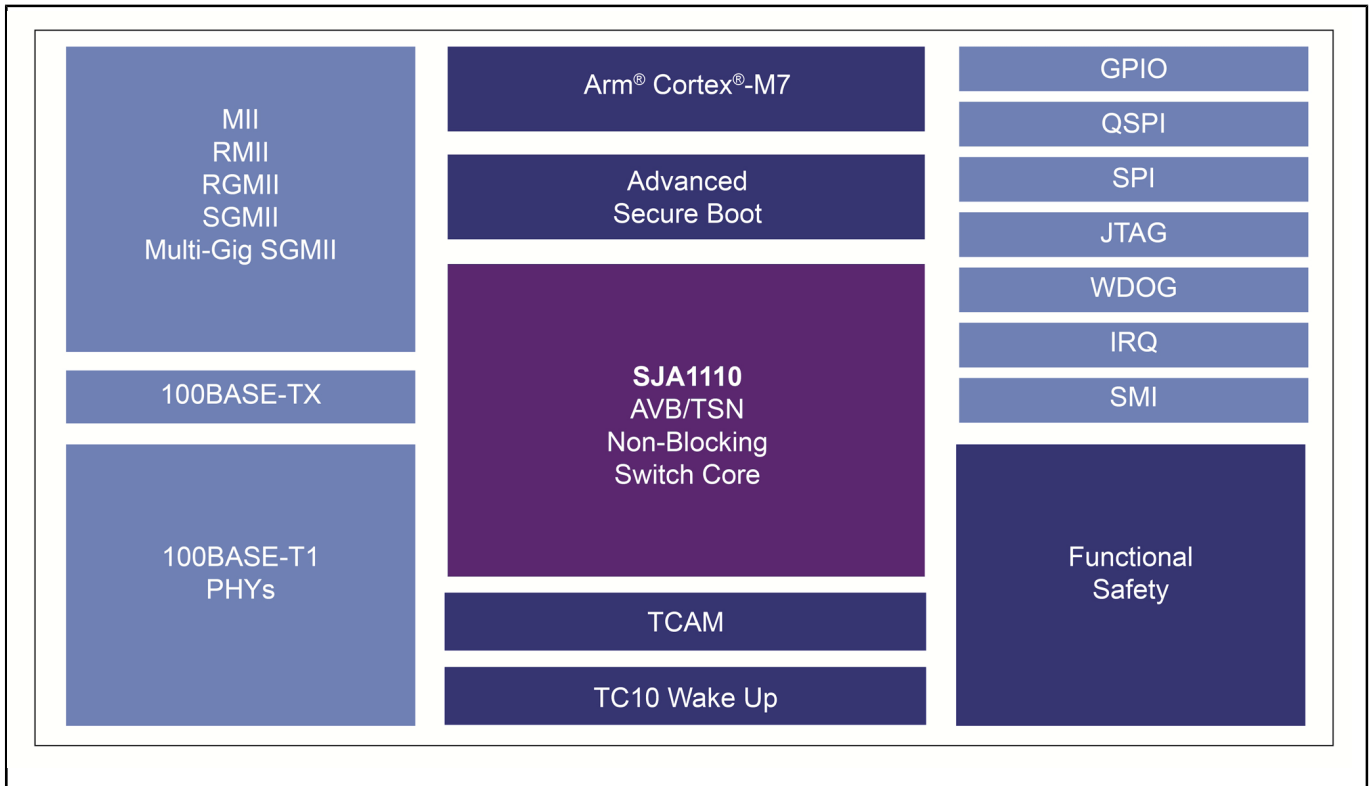
The NXP SJA1110 is a family of four pin-compatible and software-compatible automotive Ethernet Switch SoC offering a scalable solution for all automotive applications.

All SJA1110 variants come with hardware-assisted security and safety capabilities, multi-gigabit SGMI I 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.

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. © 2024 NXP B.V.