High-Performance 77 GHz Automotive Radar SoC for Front and Corner Radar

SAF8444

Preproduction

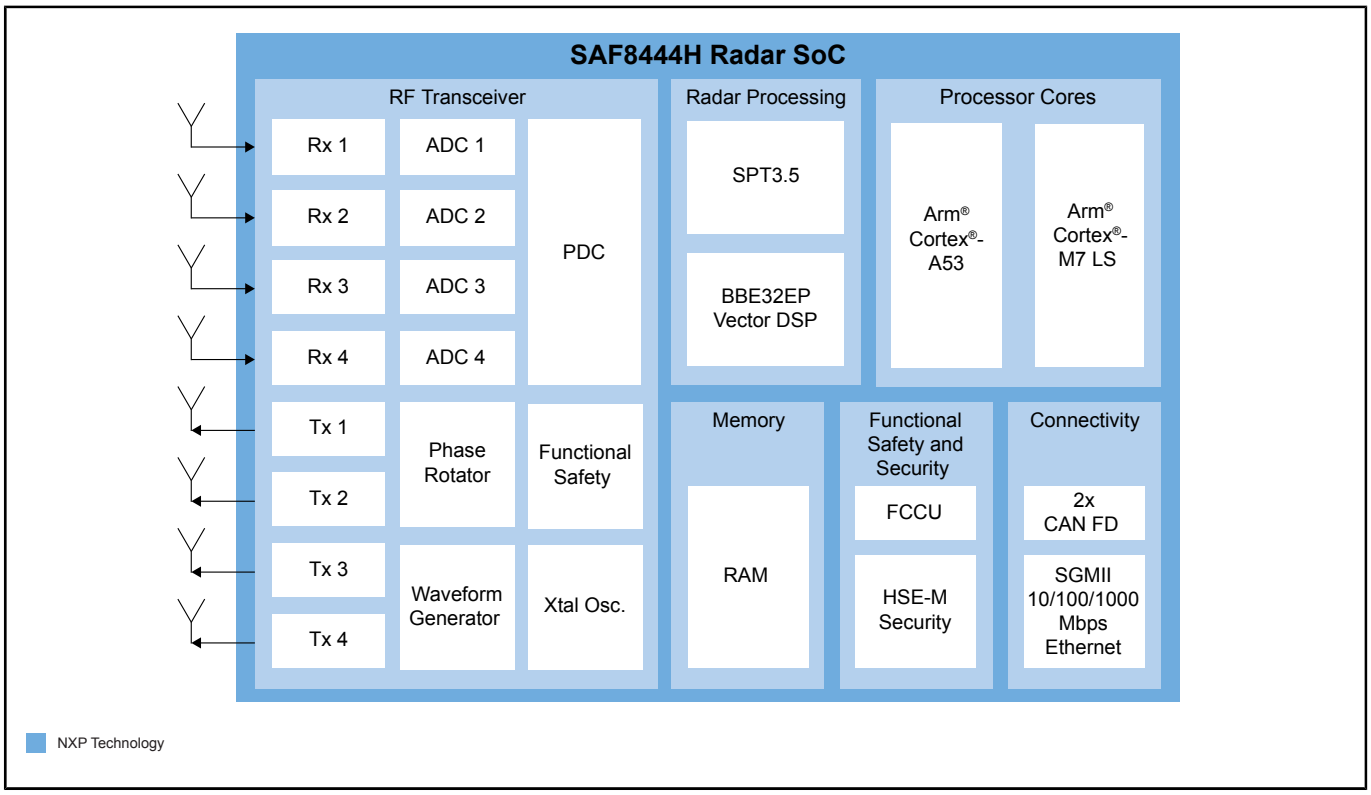
This page contains information on a preproduction product. Specifications and information herein are subject to change without notice. For additional information please contact your sales representative.

Last Updated: Aug 25, 2026

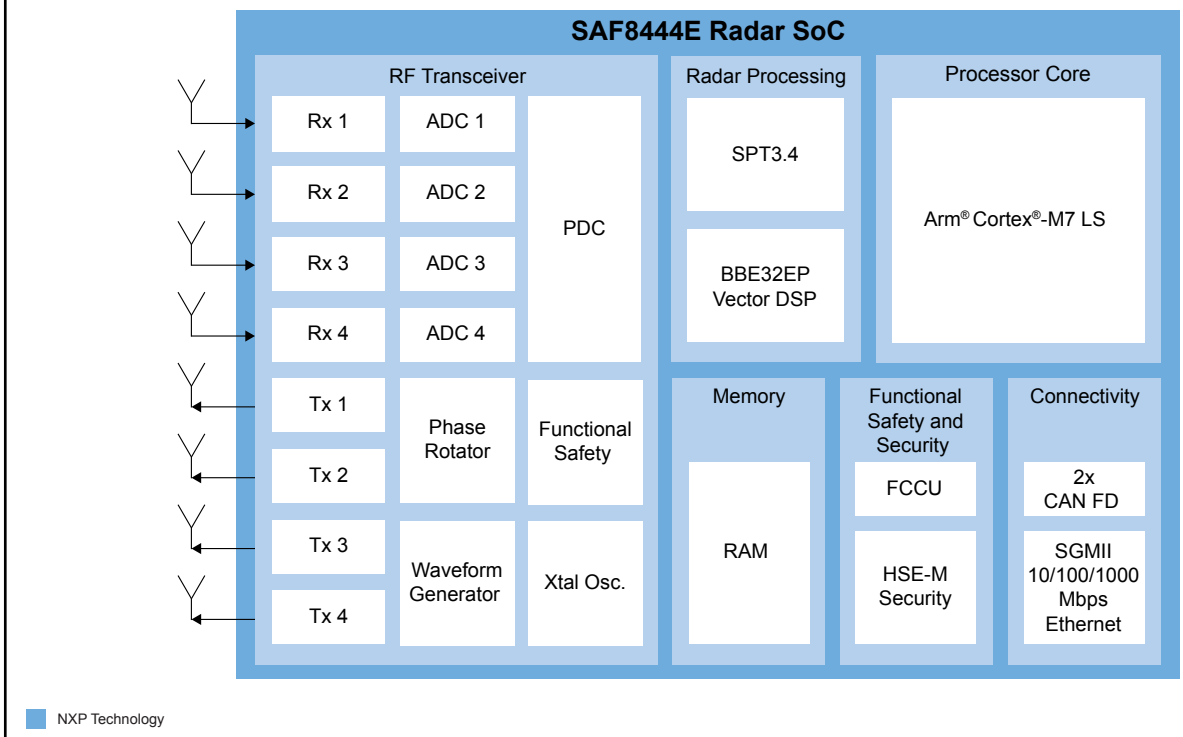
The SAF8444 is a cost- and power-efficient automotive frequency modulated continuous wave (FMCW) radar System-on-Chip (SOC) that enables mainstream front and corner radar sensors, such as blind spot detection and automated emergency braking. Operating from 76-81 GHz it supports short-, medium- and long-range sensing in a compact design.

SAF8444 supports advanced interference suppression, enabling the efficient execution of compute-intensive anti-jamming algorithms for future-ready radar designs.

SAF8444H One-Chip Radar SoC Block Diagram



SAF8444E One-Chip Radar SoC Block Diagram



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