Microcontrollers for Optimized Radar

S32R37

新規採用非推奨

Instead, use the S32R294 MCUs, designed to extend the existing S32R product family that already includes the MPC5775K, S32R274 and the S32R372 devices. If you are still interested in S32R37 MCUs, please contact NXP support.

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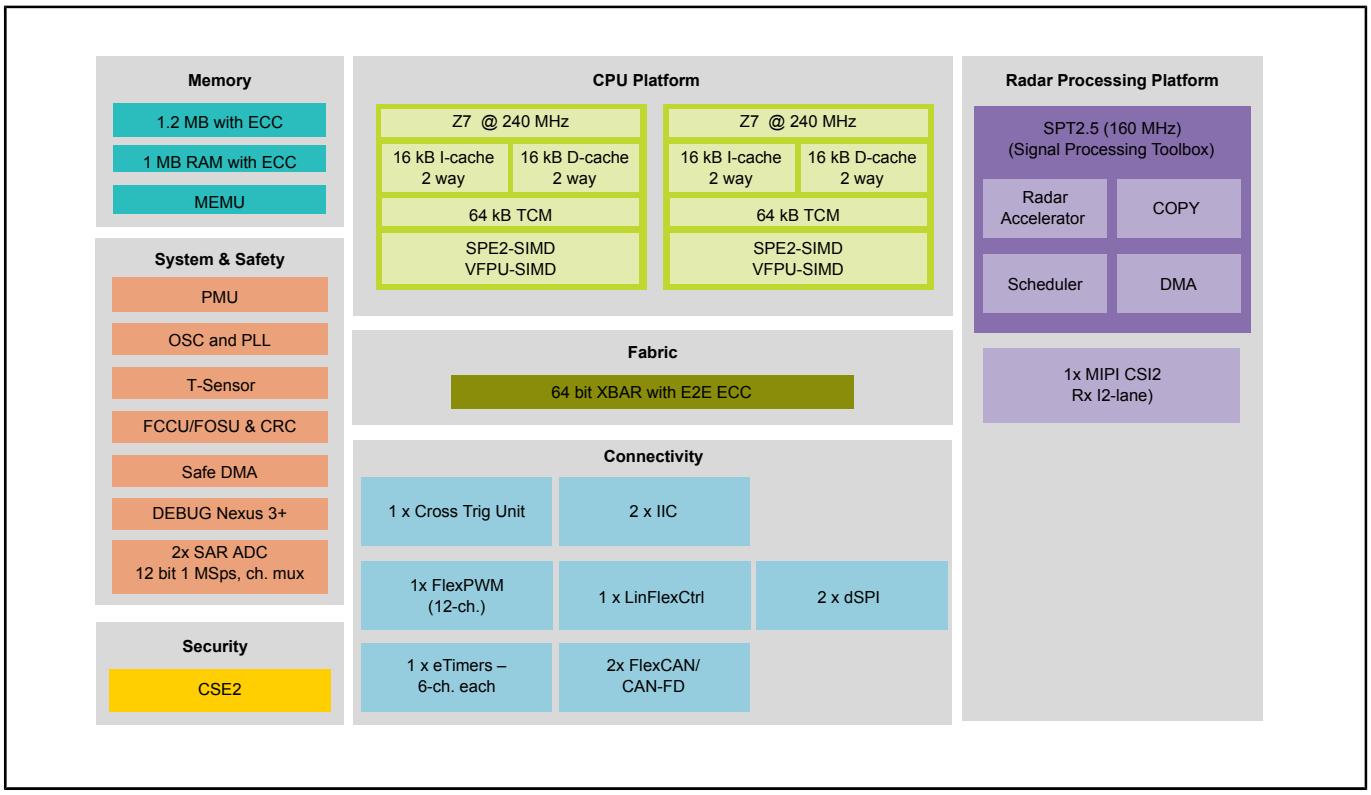
The S32R37 is a 32-bit Power Architecture-based microcontroller for automotive and industrial radar applications. Designed to address advanced radar signal processing capabilities and merge it with microcontroller capabilities for generic software tasks and car bus interfacing. It meets the high-performance computation demands required by modern beam-forming fast chirp modulation radar systems by offering signal processing acceleration together with powerful multicore architecture. Designed for Short range Radar applications in a small form factor.

S32R37 Radar MCU Block Diagram



View additional information for Microcontrollers for Optimized Radar.

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