Premium Radar SDK is a proprietary software solution, providing developers with a set of advanced radar processing algorithms optimally implemented for running on NXP radar chipsets, to accomplish demanding radar processing tasks - interference mitigation, MIMO waveform optimization and artifacts mitigation, augmented angular resolution, etc. The Premium Radar SDK is designed to serve automotive radar applications, such as advanced corner radar, mid to long range front radar and 4D imaging radar, and may benefit a wide range of consumer, industrial and agricultural radar applications as well.
Automotive General Block Diagram Block Diagram

SERVICES / APPLICATION SOFTWARE

MIDDLEWARE

OS / DRIVERS / SAFETY

HYPERVERSOR (if available)

ARM CORTEX CORE(S)

FIRMWARE / HW ACCELERATORS

View additional information for Premium Radar SDK Advanced Radar Processing.

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