Edge AI Vision Software For NXP MCUs

MCU-VISION-PIPELINE

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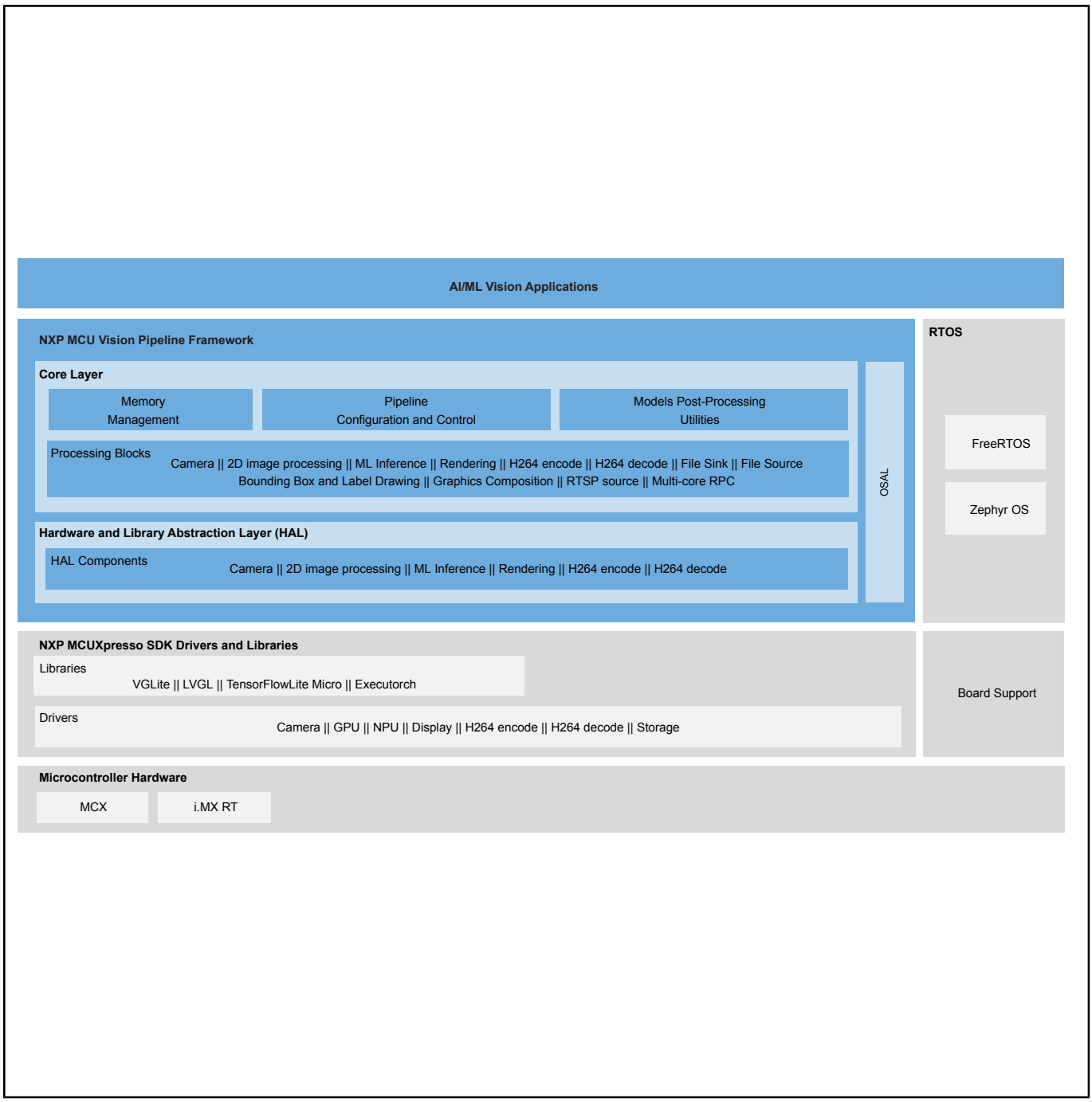
The MCU Vision Pipeline is a software library that provides a set of modular building blocks designed to accelerate the development of Vision AI–based applications, such as object detection, face recognition, and gesture recognition, on NXP microcontrollers, on Zephyr and FreeRTOS. It efficiently harnesses the hardware acceleration features (such as the 2.5D GPU, Neural Network Processing Units, DSP, etc.) of NXP microcontrollers to deliver optimal performance for vision applications.

Edge AI Vision Software For NXP MCUs Block Diagram



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