IoT Sensing Software Development Kit (ISSDK): Embedded Software Framework
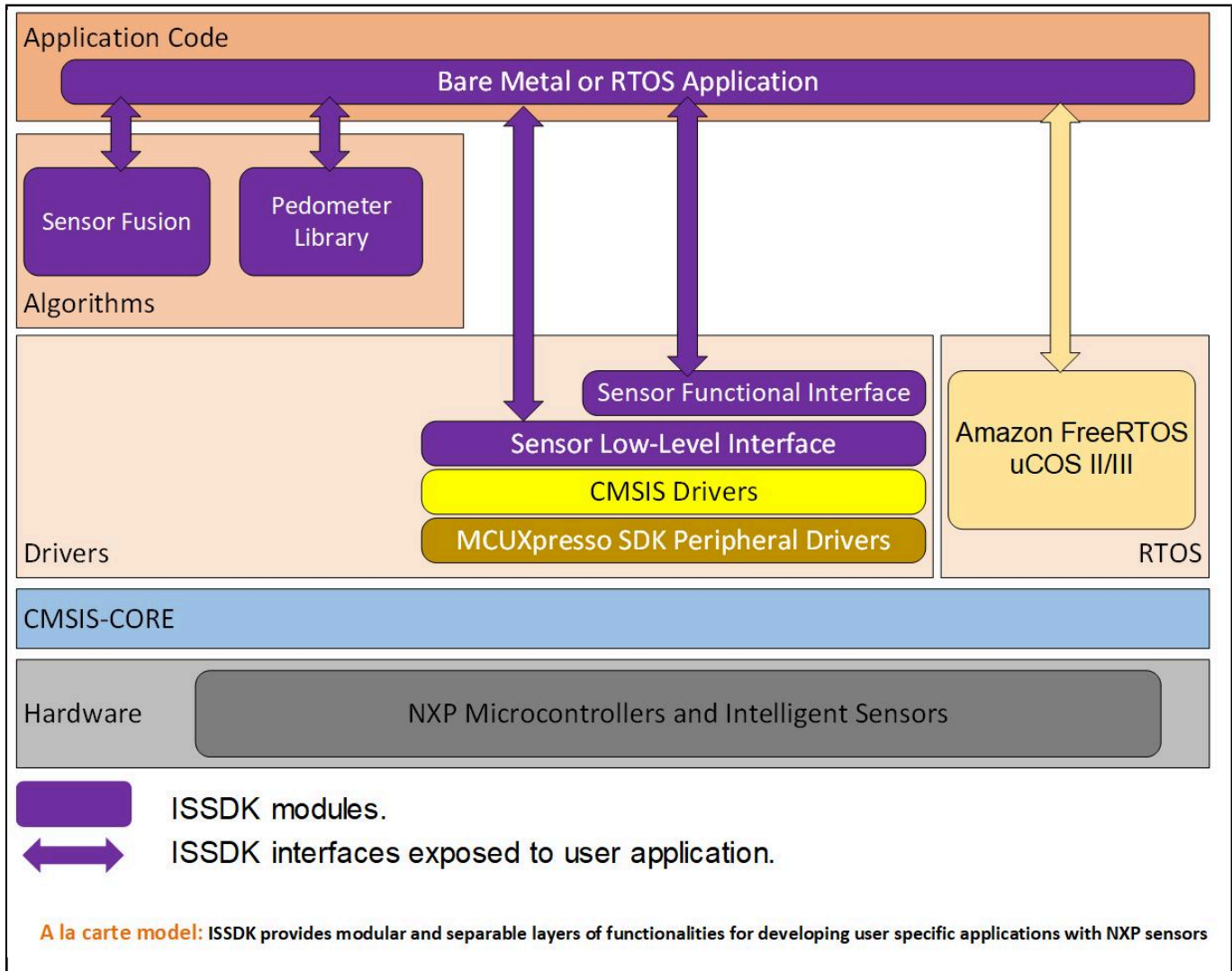
IOT-SENSING-SDK

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The IoT Sensing Software Development Kit (ISSDK) is the embedded software framework for the Sensor Toolbox ecosystem enabling NXP's digital and analog sensors platforms for IoT applications. ISSDK provides a unified set of sensor support models that target NXP's portfolio of sensors across a broad range of NXP's Arm® Cortex®-M cores based microcontrollers including NXP's LPC, Kinetis and i.MX RT crossover platforms. ISSDK combines a set of robust sensor drivers and algorithms along with example applications to allow users to get started with using NXP sensors. **It is offered as a middleware option in the** MCUXpresso Config Tools.

The latest version of ISSDK (Version 1.8.0) further enhances the embedded application development experience with NXP sensors and extends NXP's sensor support for NXP's new microcontroller offerings. ISSDK is available in custom MCUXpresso SDK downloads based on user selections of supported Kits or Boards and provides reference software to accelerate end-user prototyping and development on NXP's sensor platforms.

Sensors supported: ISSDK supported sensors and development kits are listed in the ISSDK Release Notes.

ISSDK "Layer Cake" Architecture Block Diagram

View additional information for IoT Sensing Software Development Kit (ISSDK): Embedded Software Framework.

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