i.MX RT Industrial Drive Development Platform

I.MX-RT-INDUSTRIAL-DRIVE-DEV-PLATFORM

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.

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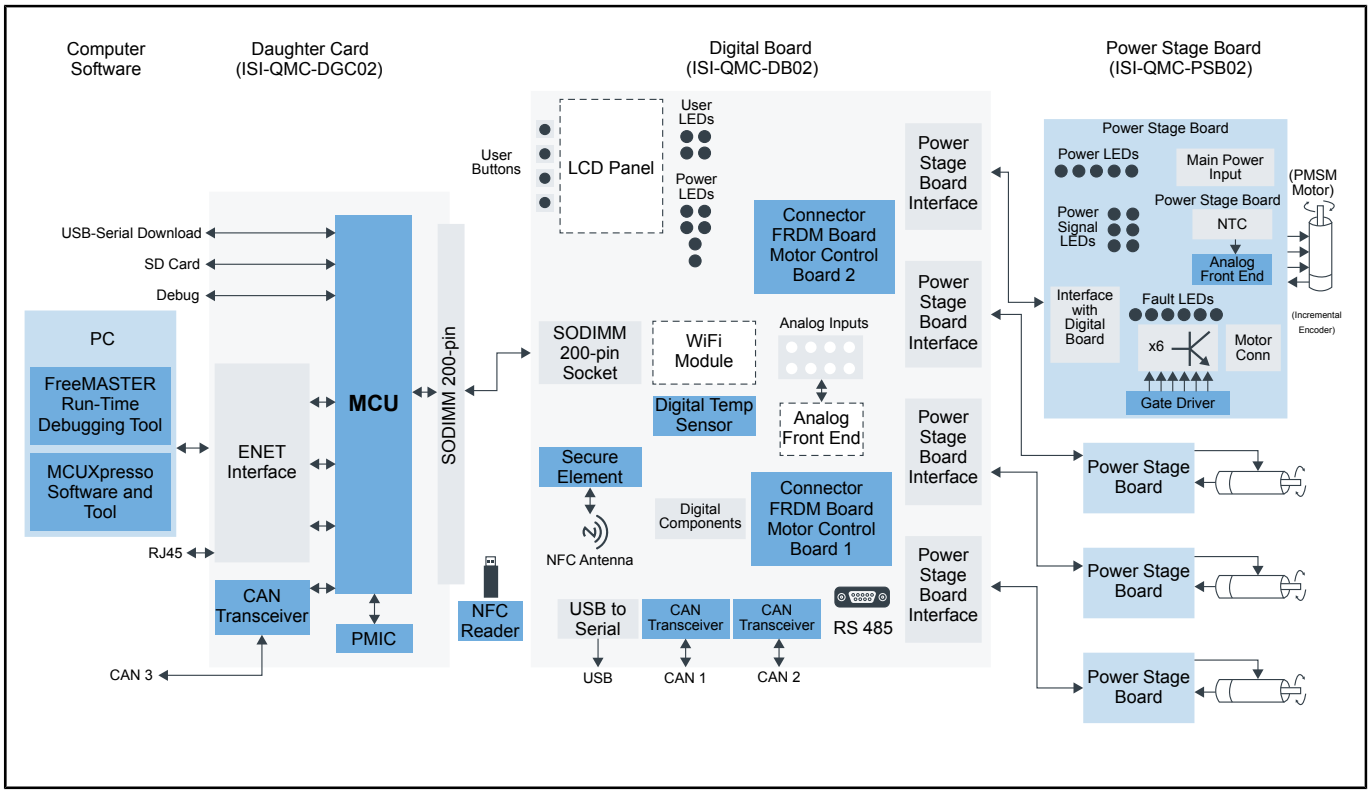
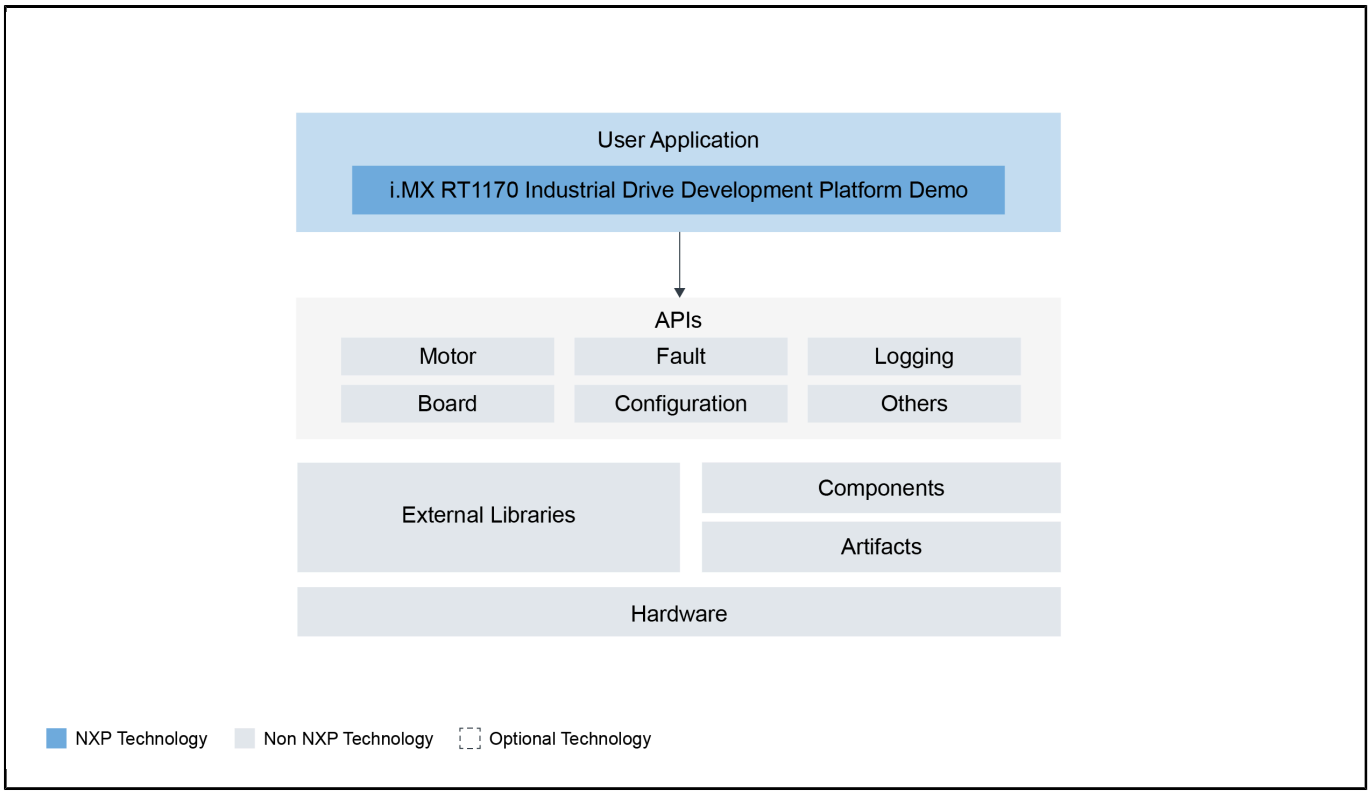
The Industrial Drive Development Platform shows how a single i.MX RT1176 Crossover MCU can control up to four different motors while managing wired or wireless connectivity and an HMI interface. Leverage this flexible three-board kit to evaluate motor control performance, speed up motor control designs based on the i.MX RT Crossover MCUs and learn to use NXP EdgeLock® security technology to enable safer communications and industrial control.

i.MX RT Industrial Drive Development Platform Block Diagram



SW Architecture Block Diagram



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