InSaM Industrial Safety Module for IEC 61508 SIL 3 functional safety

RD-INSAM1

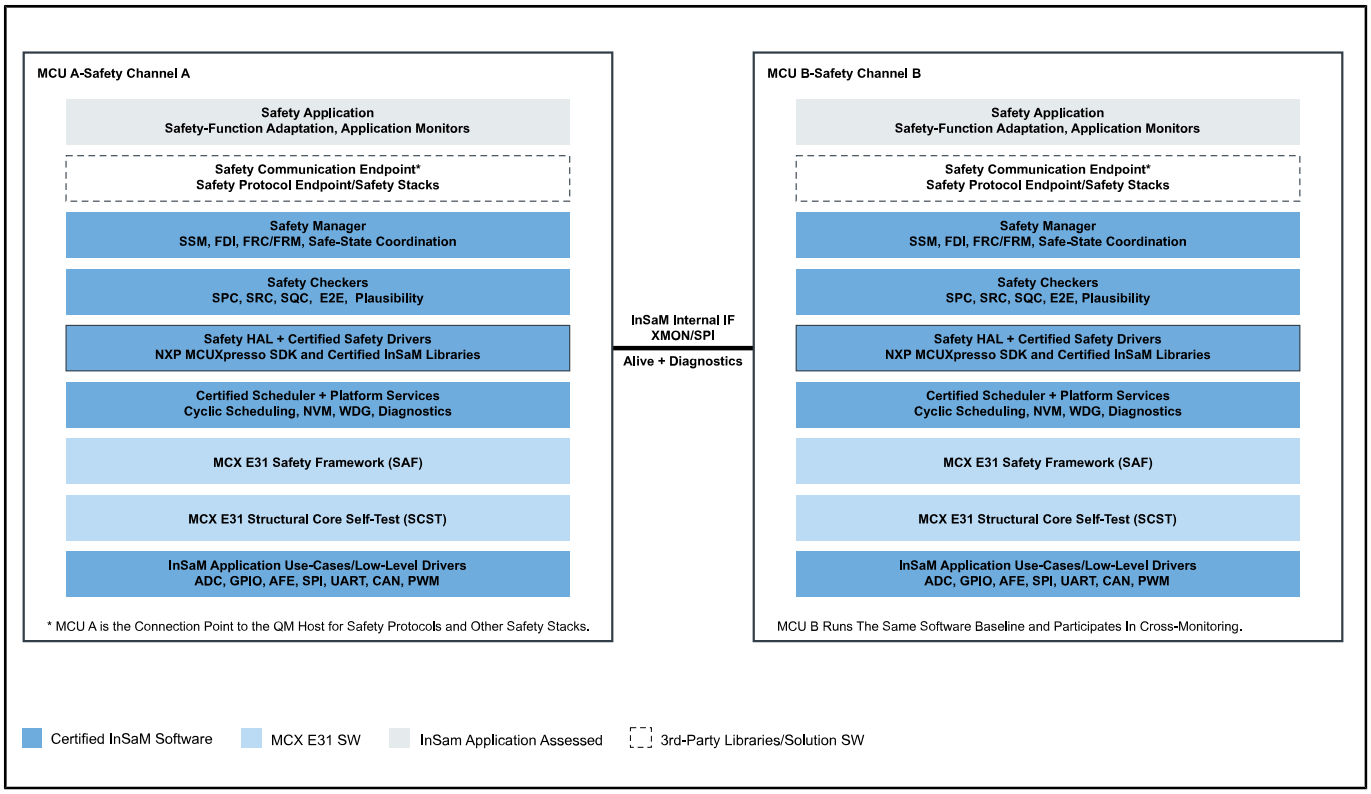
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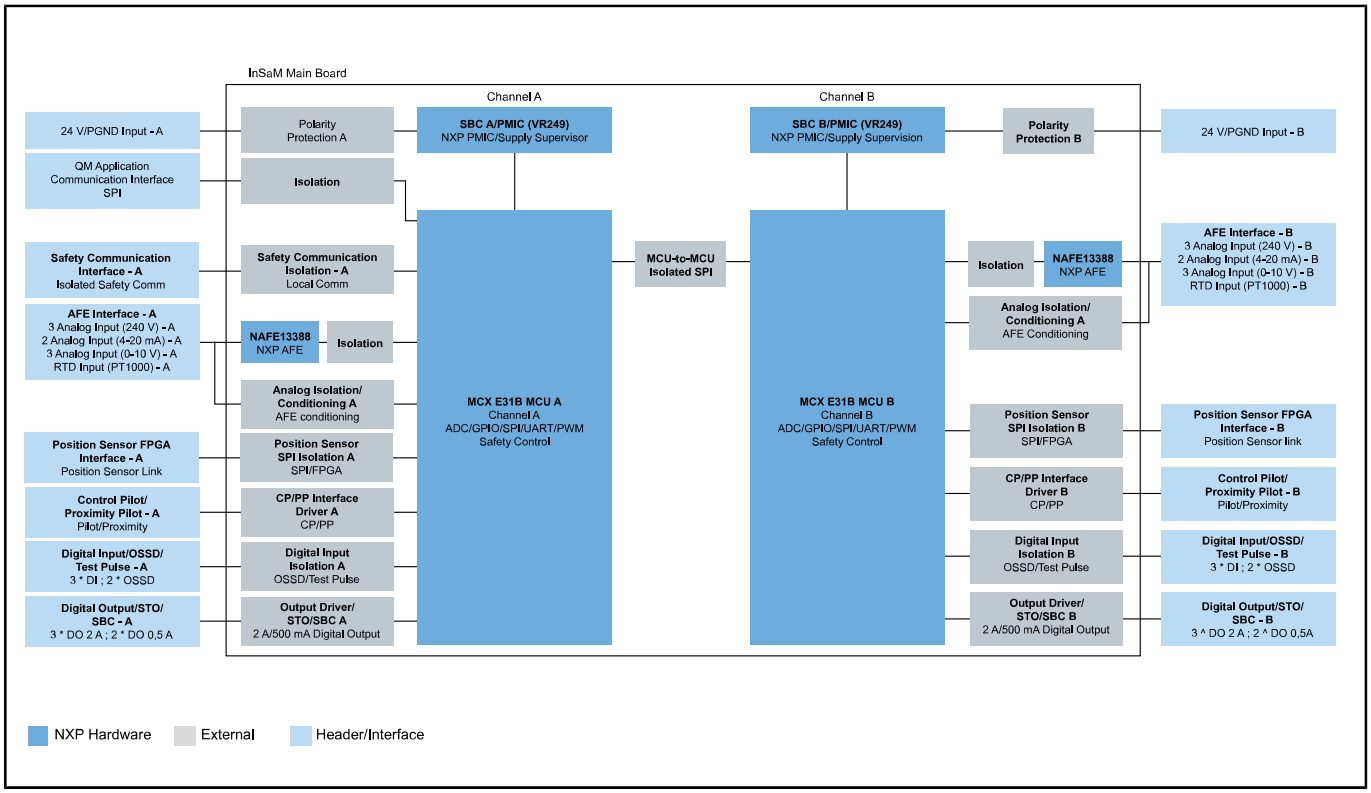
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InSaM (Industrial Safety Module) is NXP's functional safety reference design that helps industrial equipment manufacturers streamline the development and certification of IEC 61508 SIL 3 and ISO 13849-1 PL e systems. Combining safety hardware, certified software, and assessor-oriented documentation in a reusable platform, InSaM enables developers to focus on application innovation while simplifying the path to certification for servo drives, PLCs, robotics, power and energy systems, and other safety-critical industrial applications.

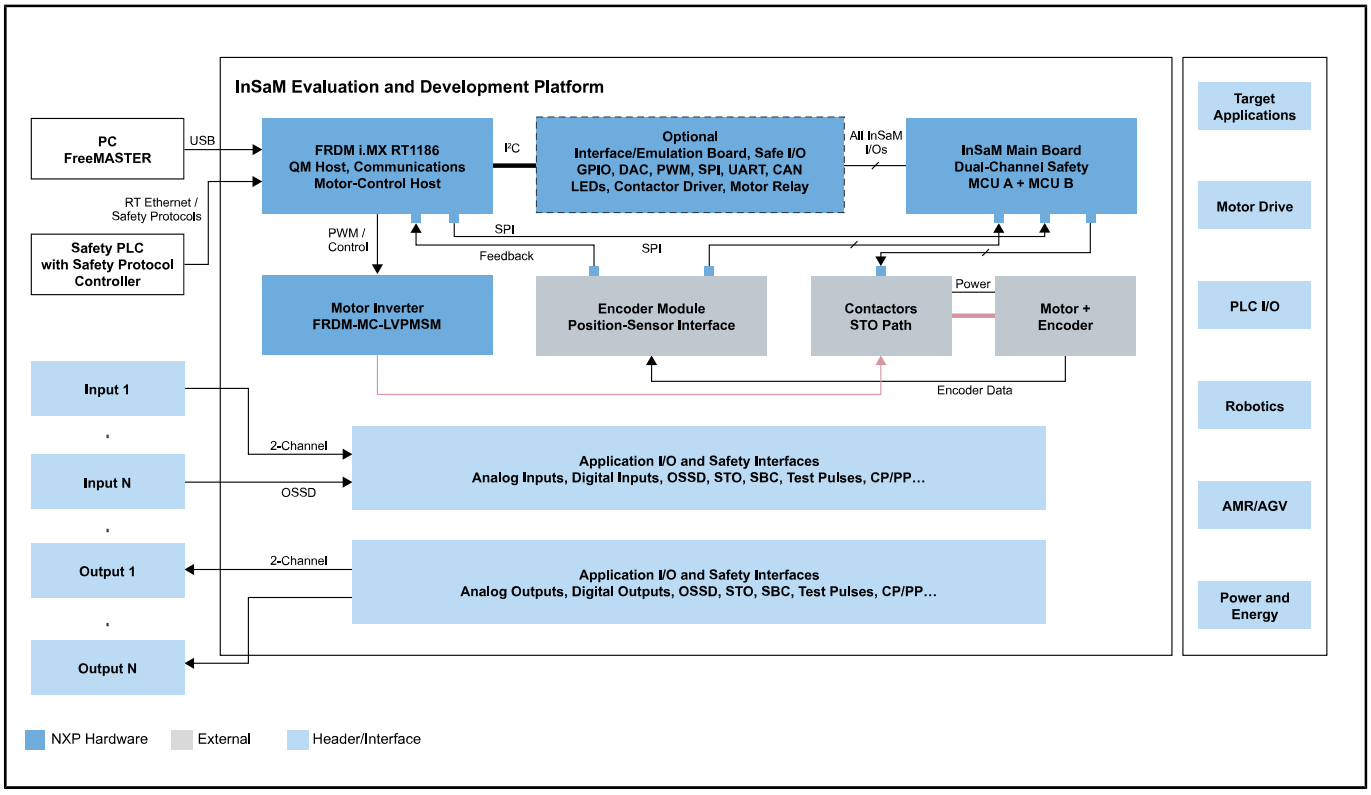
InSaM Software Block Diagram



InSaM Hardware Block Diagram



InSaM Hardware System Block Diagram



View additional information for InSaM Industrial Safety Module for IEC 61508 SIL 3 functional safety.

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