



Universal Sensing Modules with Wired Connectivity

UNIVERSAL-SENSING-MODULES

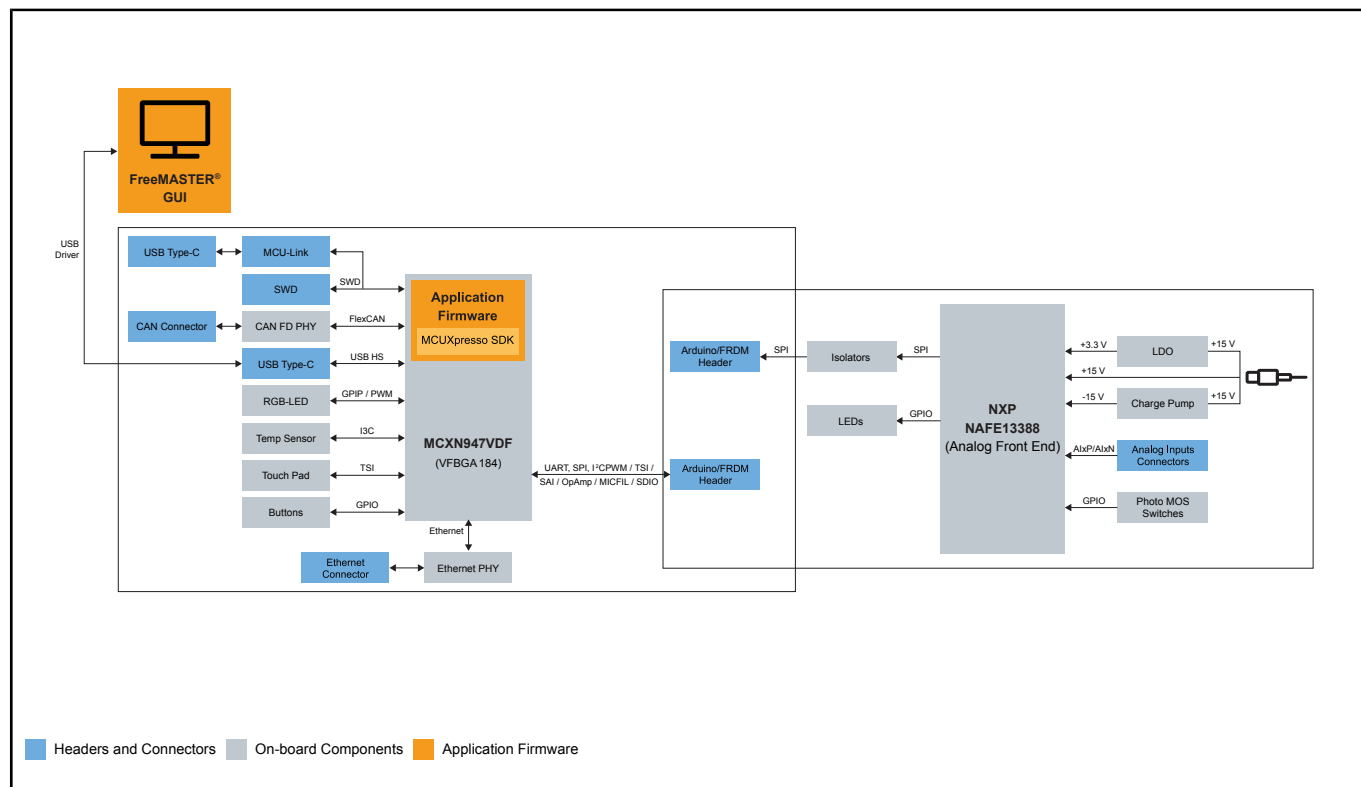
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NXP's universal sensing module is a universal, software-configurable analog input solution designed for high-precision sensing and edge intelligence. It supports versatile sensor inputs (voltage, current, temperature, resistance, pressure and weight) and ensures reliable wired connectivity via CAN FD, Ethernet and USB.

With an advanced [NAFE13388](#) analog front end and an [MCX N947 MCU](#), this module delivers high-accuracy, high-precision data, in addition to real-time diagnostics, anomaly detection and predictive maintenance for industrial automation, lab instrumentation and smart manufacturing.

Universal Sensing Modules Block Diagram



View additional information for [Universal Sensing Modules with Wired Connectivity](#).

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