



NXP EasyEVSE Development Platform (i.MX 93, Linux OS, Wi-Fi 6)

EV-CHRG-STN-MPU

Active

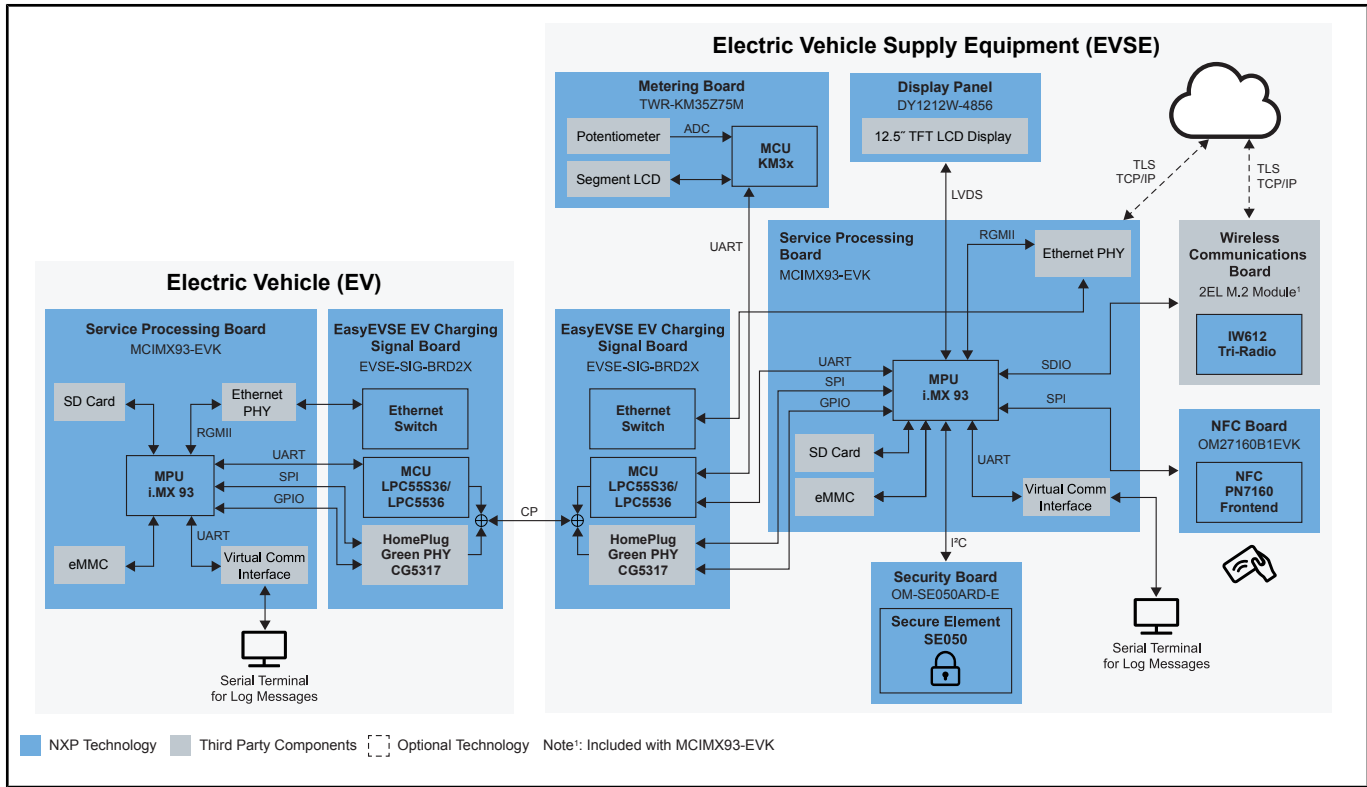
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The EasyEVSE development platform provides software, boards, cables, design files and detailed instructions to quickly simulate a charging control session between a charging station and an electric vehicle. This modular scalable platform is the foundation for developing secure wireless cloud connectivity, accurate energy billing, safe control, one-tap NFC authentication and ISO 15118 power line communications across a HomePlug Green PHY.

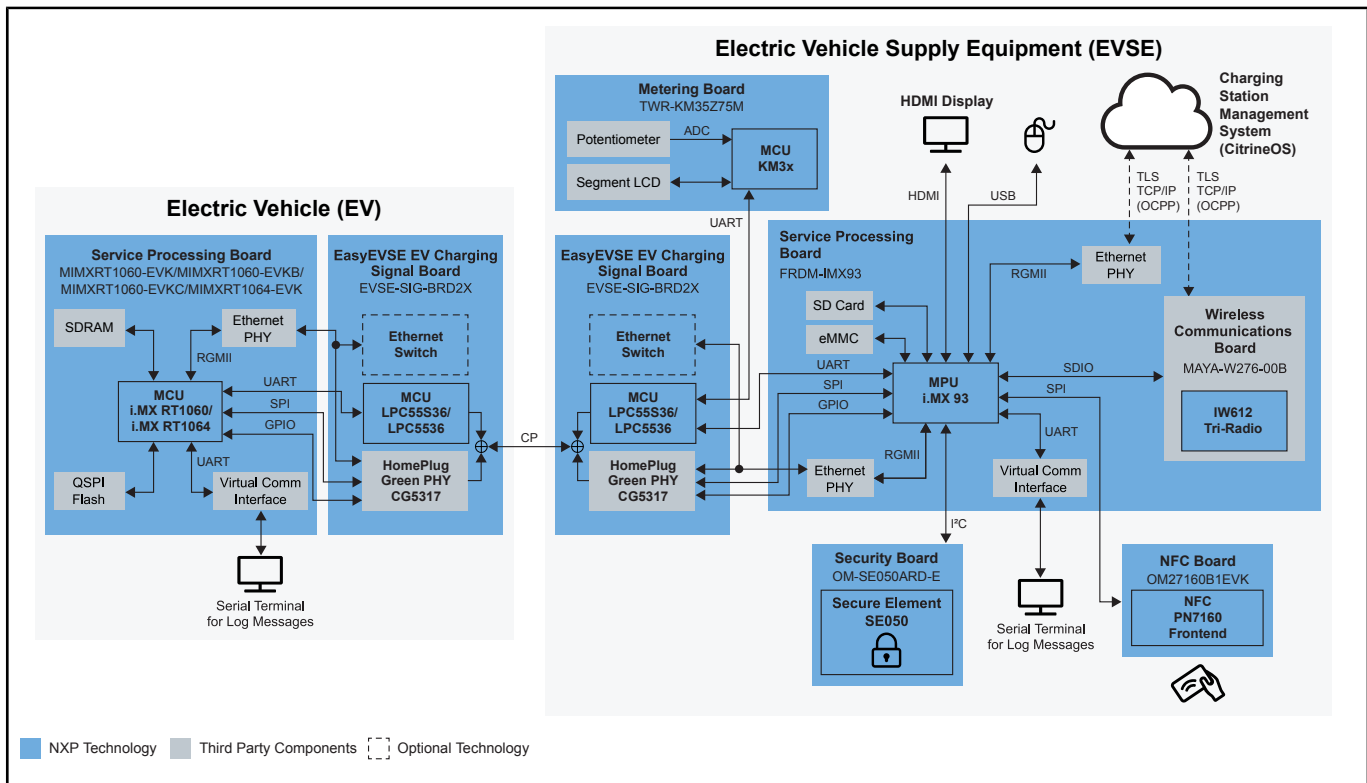
The ISO 15118-2 platform variant supports traditional EV charging with a Plug and Charge feature to simplify the user experience. The ISO 15118-20 platform variant adds support for bi-directional power transfer between the electric vehicle supply equipment (EVSE) and the vehicle.

The development platform supports two hardware and software solutions: EVerest or proprietary software ISO 15118 stack.

EasyEVSE Development Platform with proprietary ISO 15118 stack Block Diagram



EasyEVSE Development Platform on Everest Block Diagram



View additional information for [NXP EasyEVSE Development Platform \(i.MX 93, Linux OS, Wi-Fi 6\)](#).

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