



Multiphase Power Quality Monitor and Electricity Meter

EVSE-EMETER NEW

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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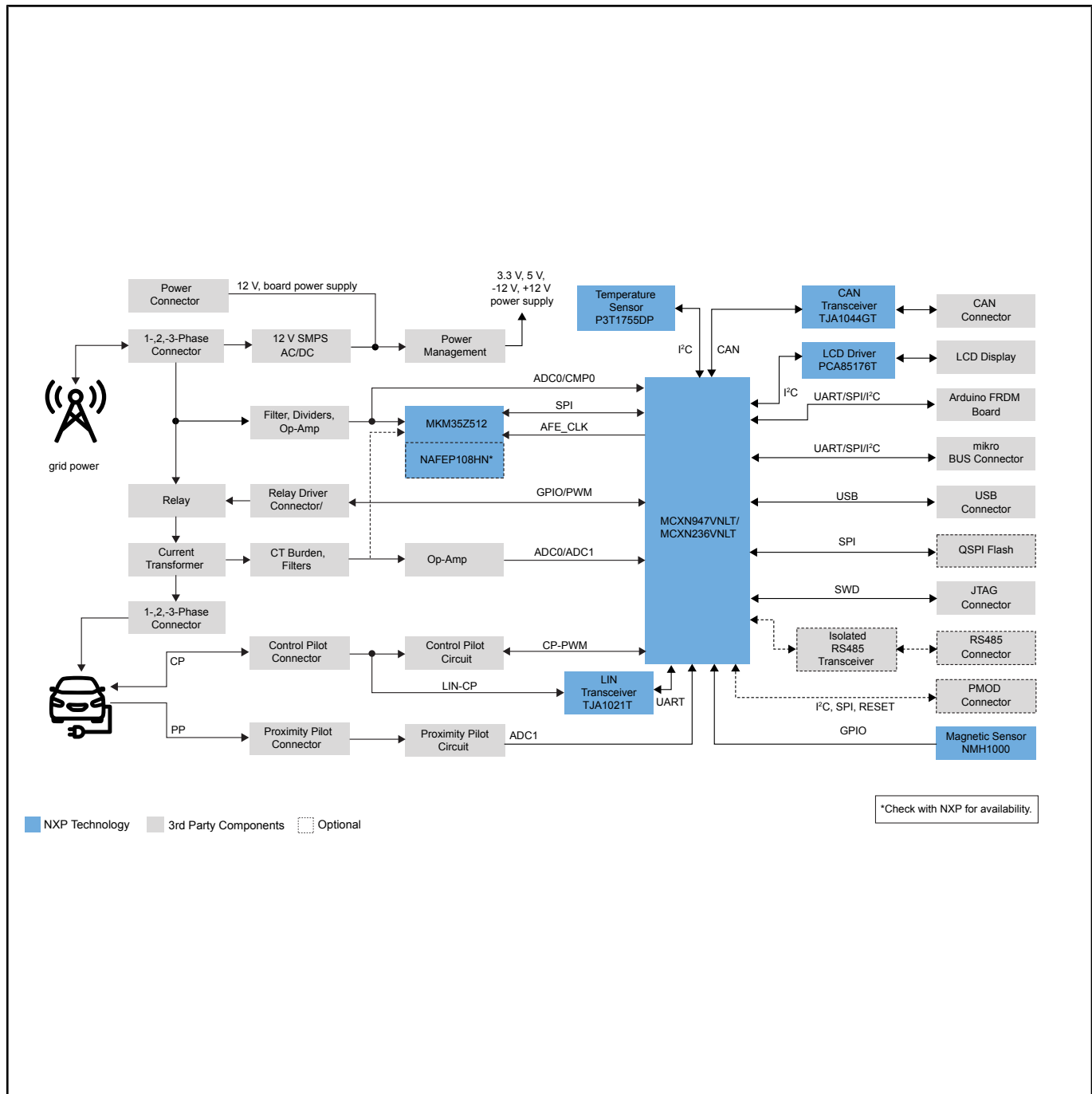
Safety and EMC testing pending; design is pre-production and subject to change; not certified/ approved for production use.

The EVSE-EMETER is designed for EV charging metering operations. It supports 1-, 2- and 3#phase 230 V AC grid power and accurately measures grid voltage, charging current and energy during the EV charging session.

The board hosts an MCX N947 or an MCX N236 for the SAE J1772 PWM and FuSa operations, a TJA1021T Local Interconnect Network (LIN) transceiver for SAE J3068, a MKM35Z512 Metrology microcontroller unit (MCU) with integrated Analog Front-Ends (AFEs) or an optional NXP external AFE.

The EVSE-EMETER supports the control pilot and proximity pilot, relay drive, Ethernet Controller Area Network (CAN) and is compatible with NXP development boards for i.MX 8, i.MX 9, i.MX RT1060, i.MX RT1064 or S32G-VNP-RDB3. Combine the EVSE-EMETER with the SIGBRD-HPGP to enable ISO 15118 communication between the EV and EVSE side.

EVSE-EMETER hardware architecture Block Diagram



View additional information for [Multiphase Power Quality Monitor and Electricity Meter](#).

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

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