Narrowband Powerline Communication (PLC) Solution

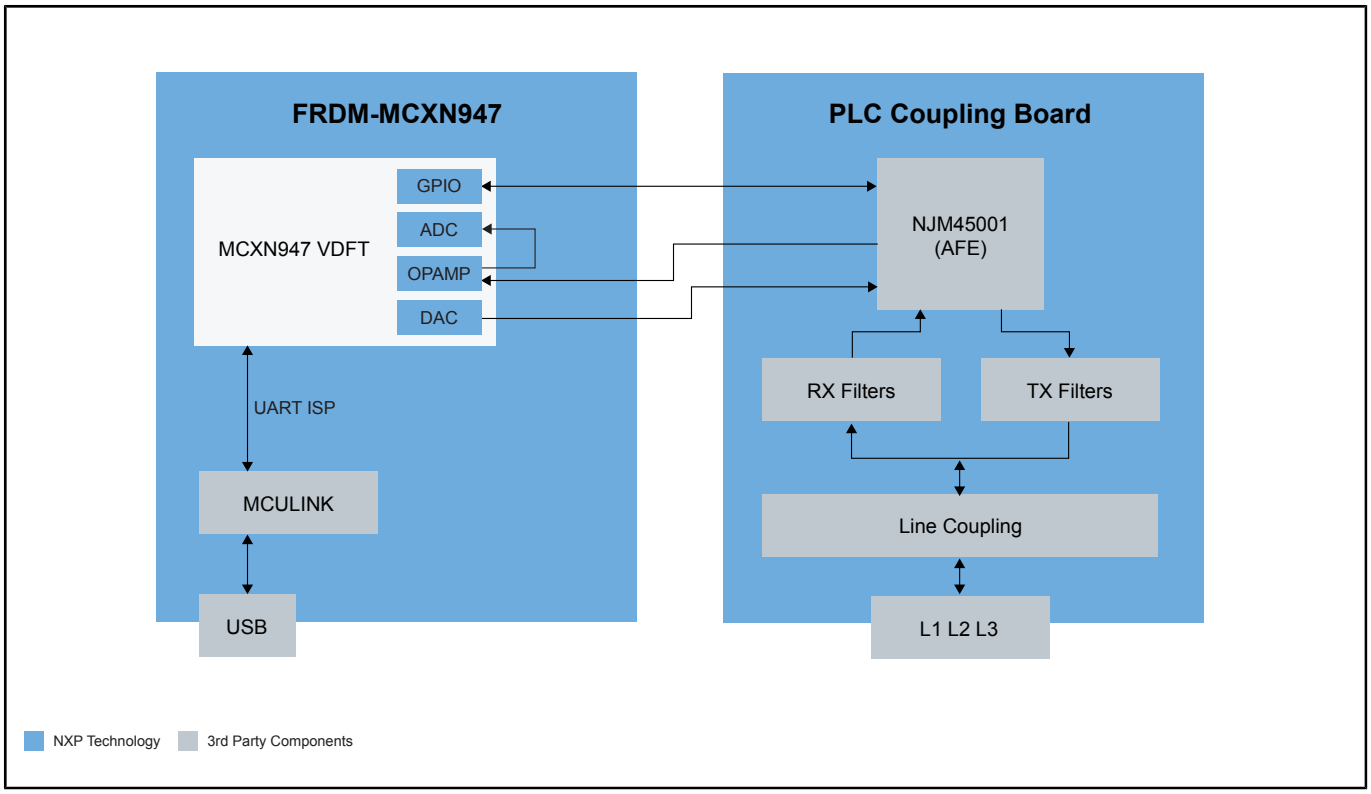
POC-NB-PLC NEW

Active

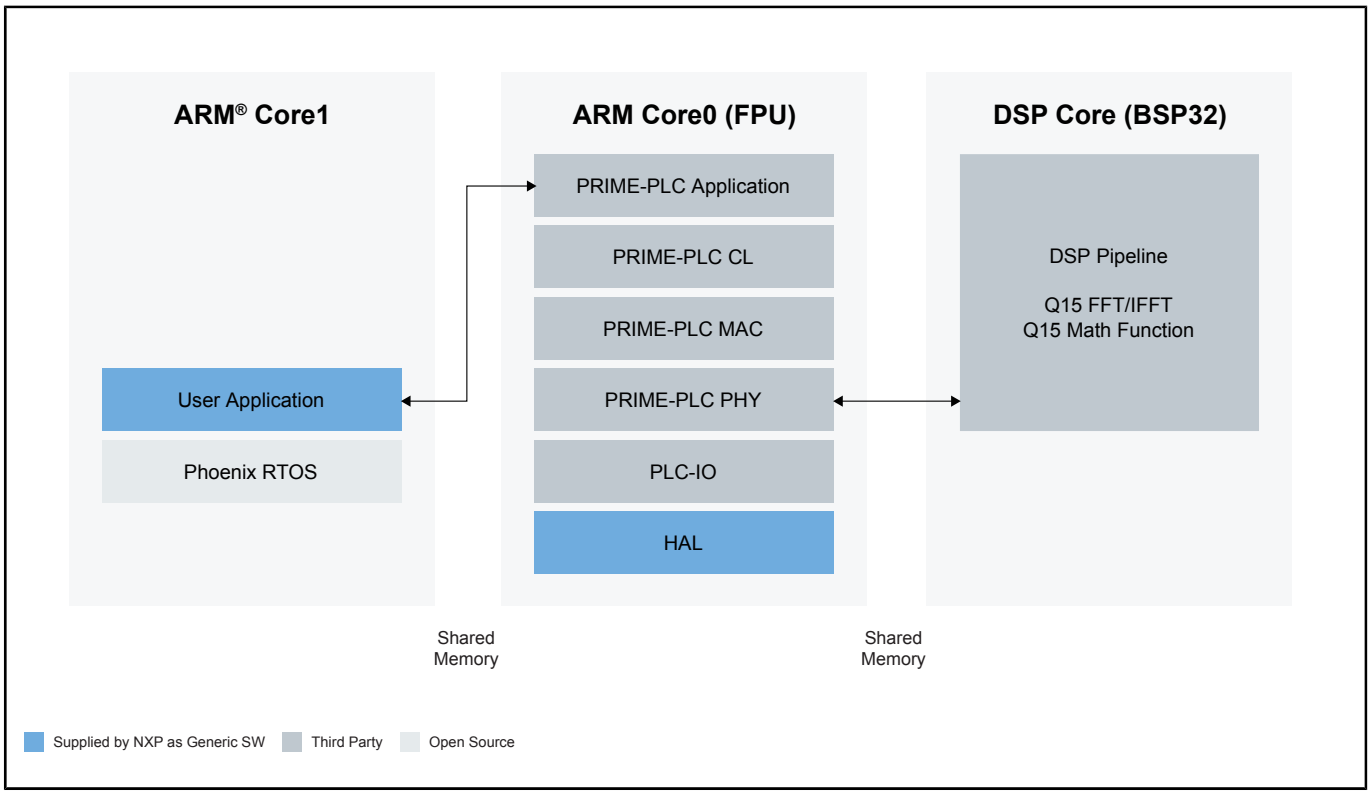
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The Narrowband Powerline Communication solution for PRIME and G3-PLC accelerates development for electricity metering, energy management and electrification applications. Built on the FRDM-MCXN947 development platform with a dual-core Arm® Cortex-M33® microcontroller and on-chip PLC accelerator, this solution supports both PRIME 1.4 and G3-PLC stacks supplied by Phoenix Systems pre-certified and capable of running CENELEC A and FCC Band certification tests. Metrology and PLC run concurrently on a single device.

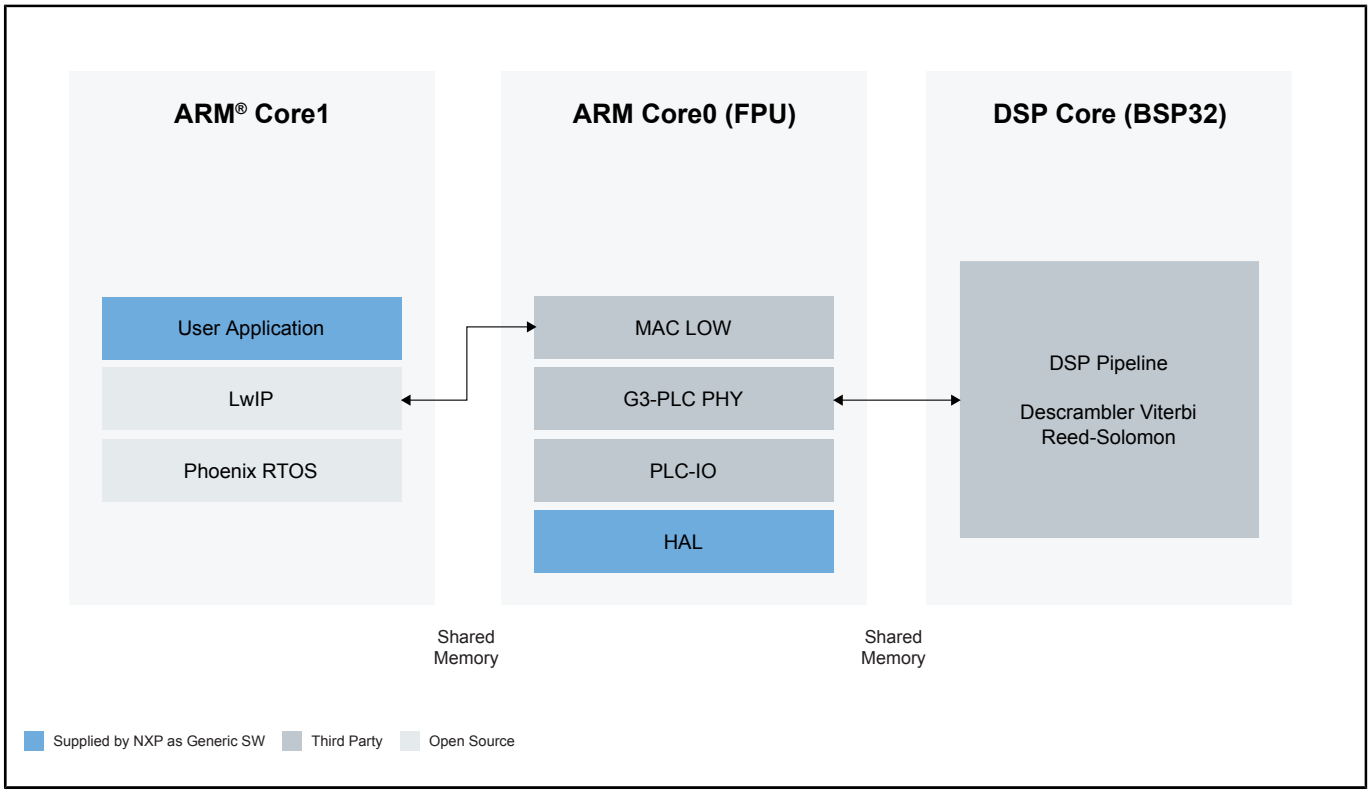
NB PLC Hardware Block Diagram



NB PLC PRIME Software Block Diagram



NB G3-PLC Software Block Diagram



View additional information for Narrowband Powerline Communication (PLC) Solution.

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