



DC/DC LV Evaluation Board for X-IN-1 Electrification Applications

XIN1-DC-DC-LV **NEW**

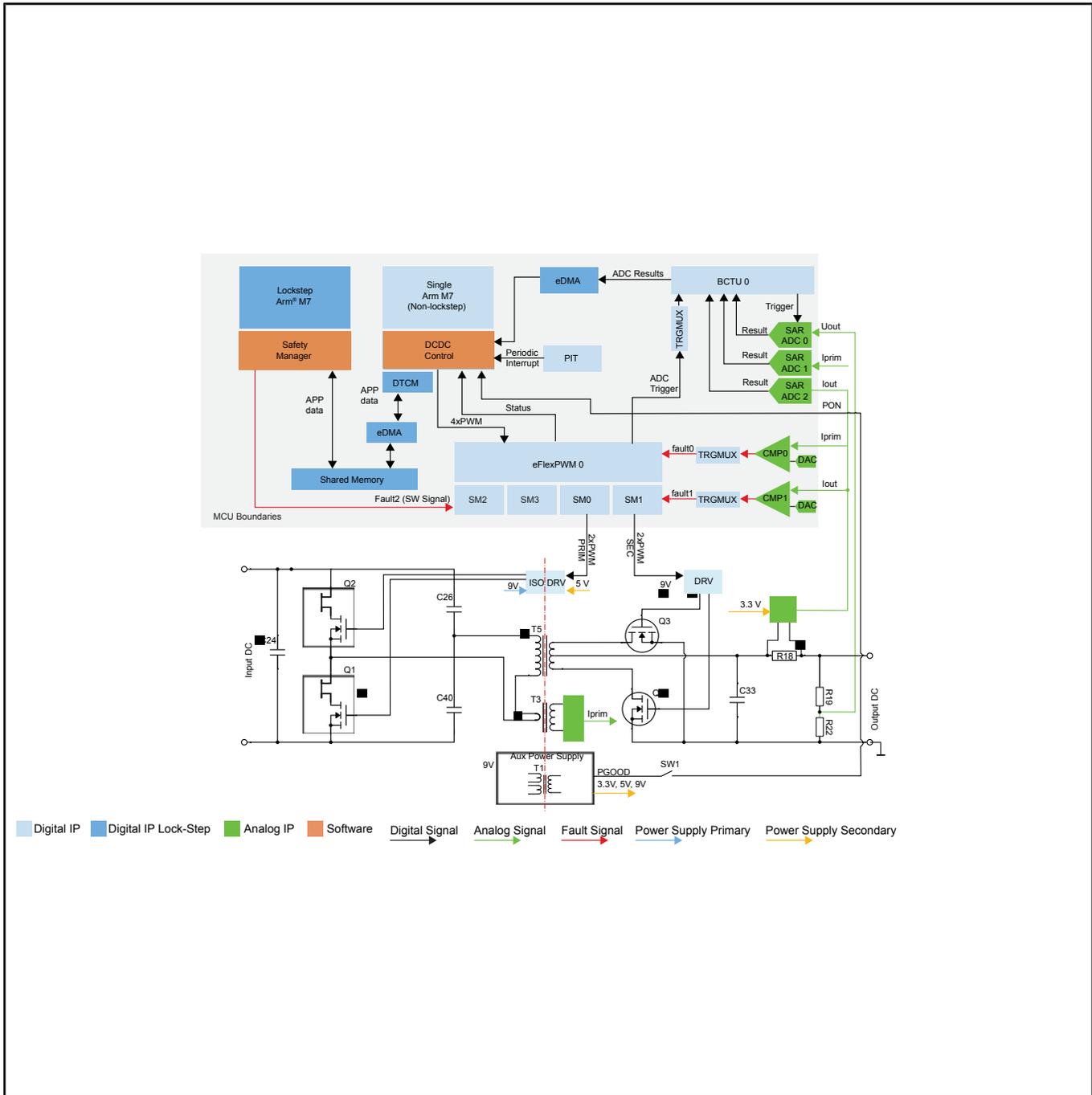
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The XIN1-DC-DC-LV application board is part X-IN-1 development platform is built around a scalable and evaluative modular hardware architecture, combining a configurable motherboard and other application specific extension boards. Board is based on LLC fully digital resonant half-bridge converter topology. This board uses GaN low-loss switches in half bridge configuration at primary side and dual MOSFET center tap digitally-controlled synchronous rectifier at secondary side. The XIN1-DC-DC-LV application board is controlled by the motherboards that can be equipped with either S32K39 or S32K5 MCU families.

DC/DC LV Evaluation Board Block Diagram



View additional information for [DC/DC LV Evaluation Board for X-IN-1 Electrification Applications](#).

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