dFuse：面向SDV与AI系统的智能eFuse

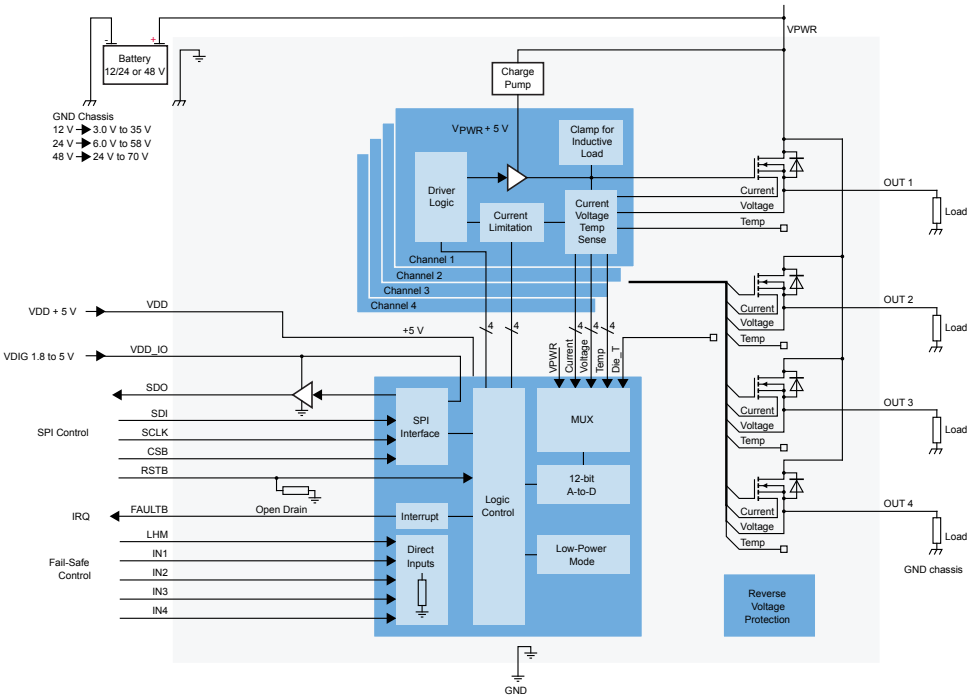
XS48100

Preproduction

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dFuse通过构建软件定义的车载能源网络，助力软件定义汽车(SDV)方法落地。其数字内核提供自主运行区间，用于监测预配置的电压、电流和温度阈值，从而确保高度自主运行并节省MCU资源。内置电容充电功能无需软件交互即可应对较大的电容负载，自动区分充电电容与短路情况。此外，智能低功耗模式(SLP)可在不退出低功耗(LP)模式的情况下，提供达到限值的满电流，从而在车辆其余基础设施保持深度睡眠的同时，实现动态负载驱动。

XS48100 Block Diagram



View additional information for dFuse：面向SDV与AI系统的智能eFuse.

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