Mixed-Signal MCU for Automotive and Industrial Motor Control Applications

S12ZVMA

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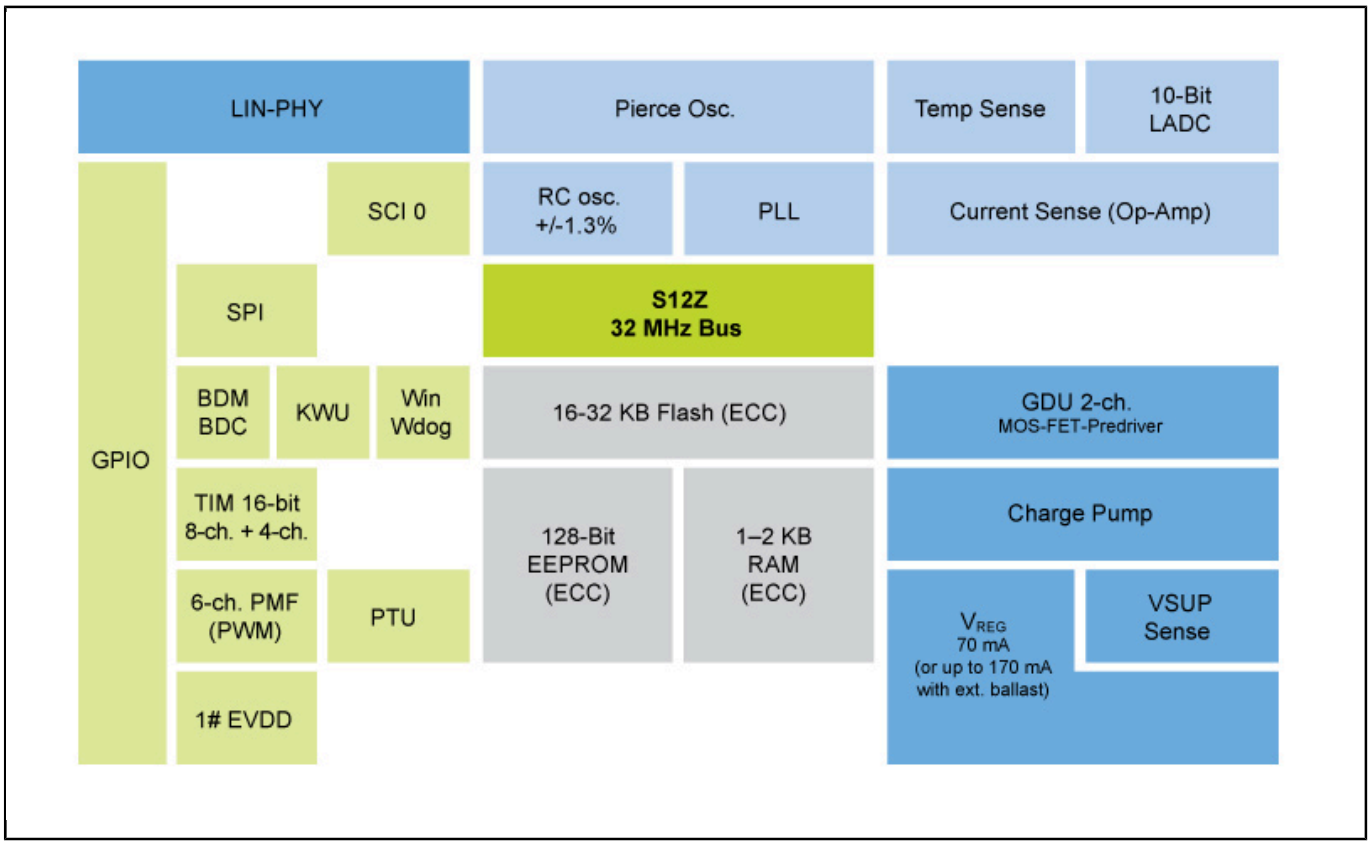
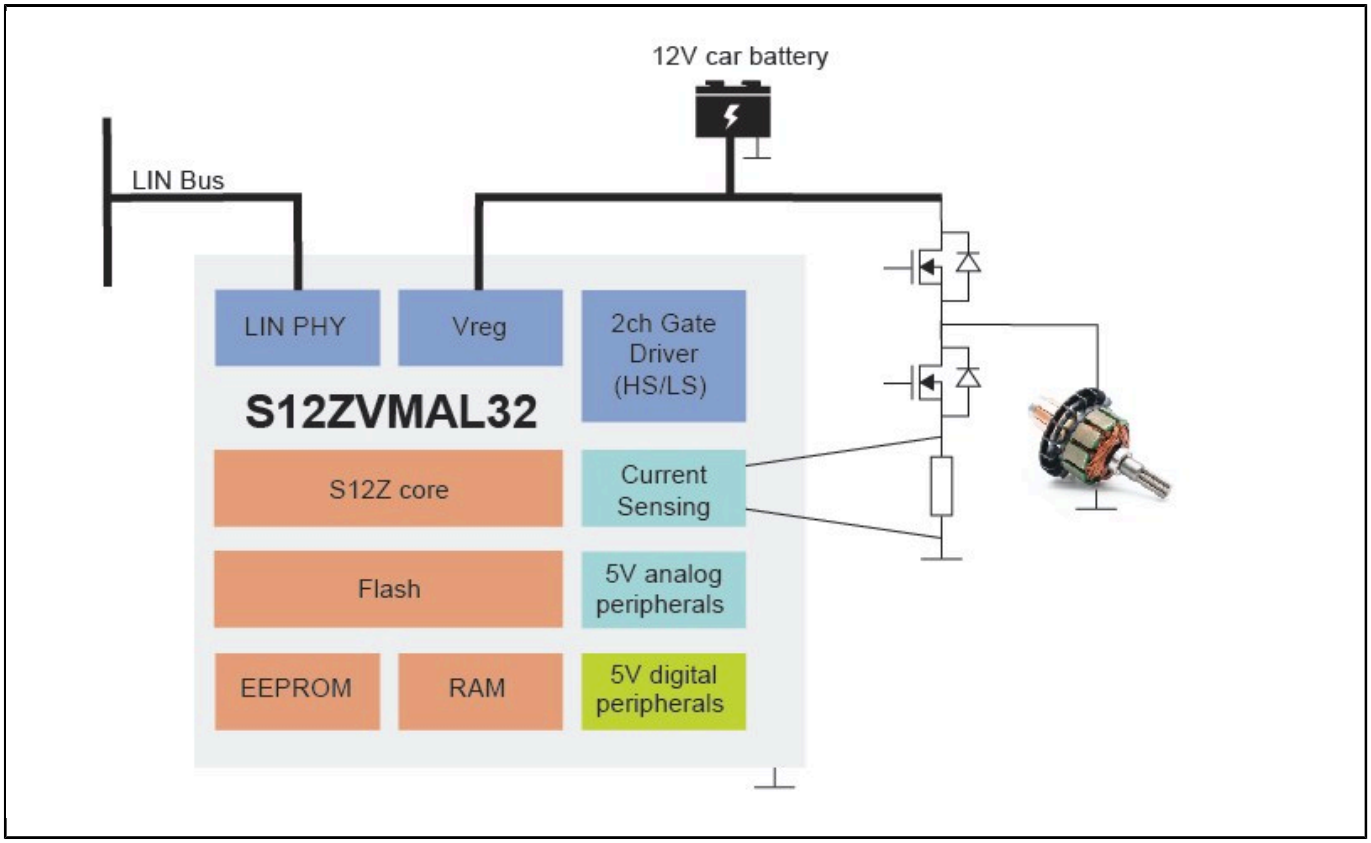
The S12ZVMA MCU family is a programmable single-chip solution for simple loads needed to be controlled in the car remotely via LIN or PWM command. Integrated LIN-PHY, 12V-Vreg, and half-bridge gate driver allow building extremely compact solutions for DC-motors, solenoids or resistive loads.

S12ZVMA Block Diagram



DC Motor Application Using S12ZVMA Block Diagram



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