



Grade 1 and Grade 0 Safety Power System Basis Chip with CAN Flexible Data Transceiver

FS6500

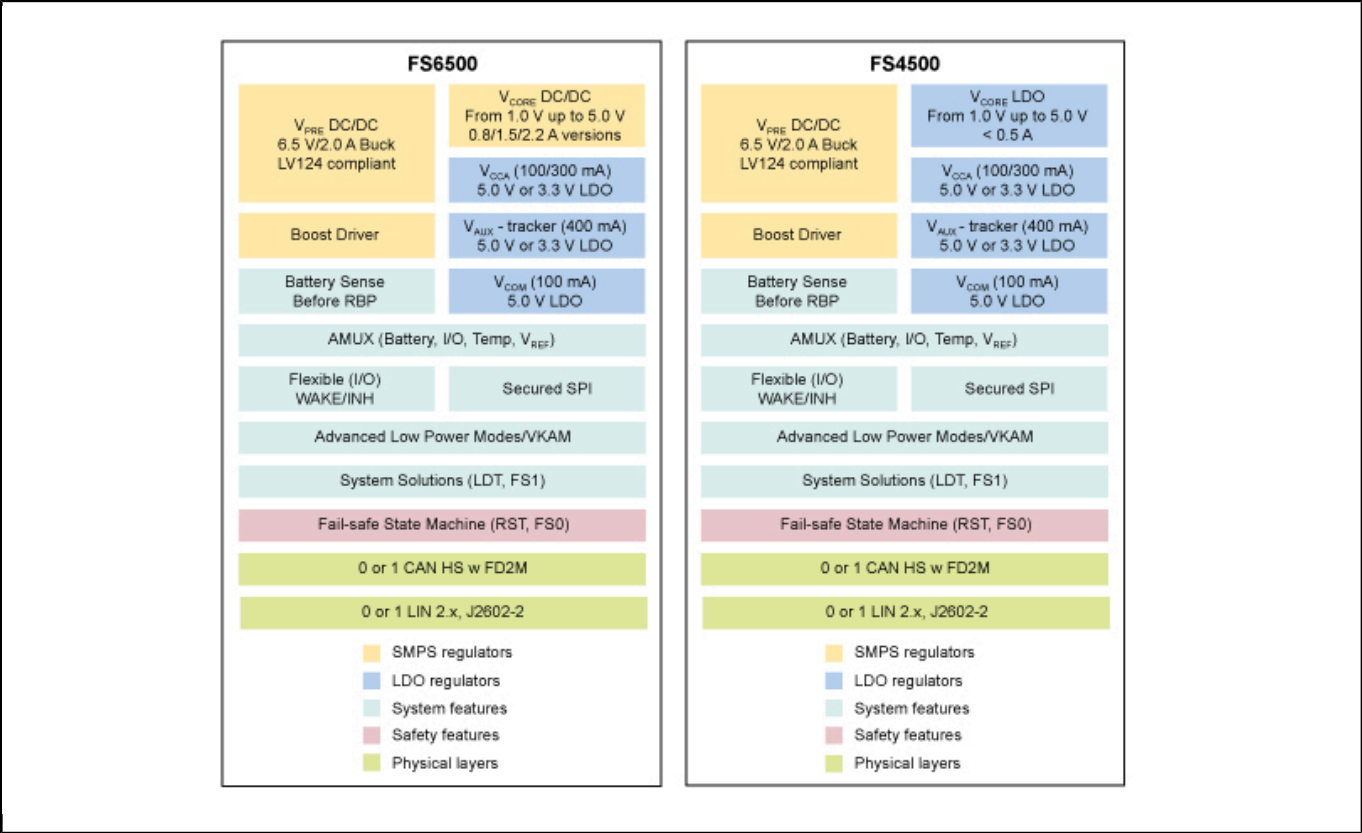
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FS65系统基础芯片(SBC)能够为MCU供电，并通过DC/DC开关稳压器、线性稳压器和超低功耗节能模式来优化能耗。

特性：

- 针对ASIL B/D应用的高级功能安全措施
- 可用于控制和诊断MCU的串行外设接口(SPI)
- 集成了CAN FD和LIN物理接口，符合ISO11898-2、-5、LIN2.2、2.1/J2602-2标准以及针对EMC（电磁兼容性）和ESD（静电释放）的最新汽车OEM标准
- 一系列集成的安全功能，例如关键模拟参数监控、一个故障停车状态机和一个高级看门狗，使用双核锁步MCU能够降低软件复杂性
- 能够耐受高温（ $T_A = 150^{\circ}\text{C}$ ， $T_J = 175^{\circ}\text{C}$ ），符合AECQ100 0级汽车标准

FS6500故障静默SBC，带DCDC，支持ASIL B/D Block Diagram



View additional information for [Grade 1 and Grade 0 Safety Power System Basis Chip with CAN Flexible Data Transceiver](#).

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