



Automotive Dual Buck Regulator and Controller with Voltage Monitors and Watchdog Timer

FS5600

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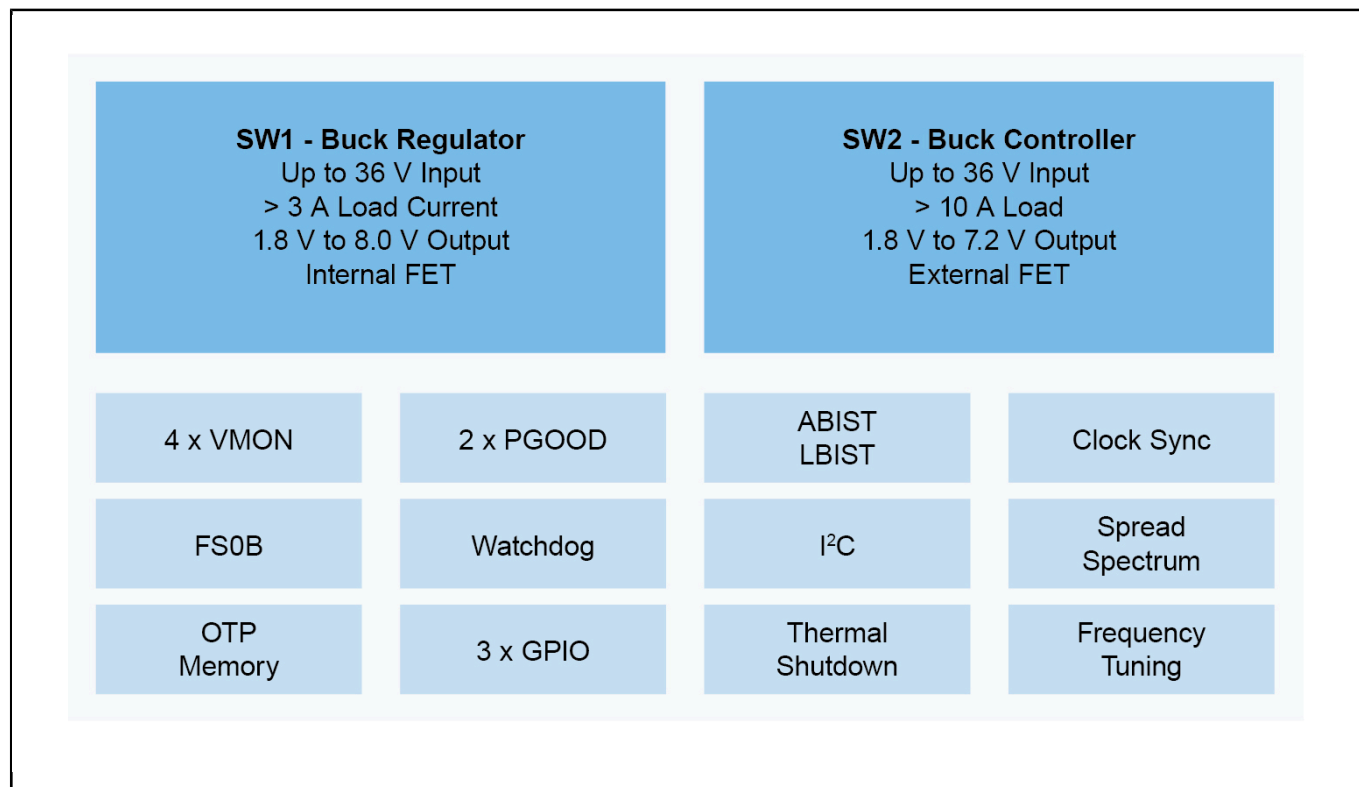
The FS56 System Basis Chip (SBC) for Automotive features a battery connected DC-DC buck controller with external FET and a battery connected DC-DC buck controller with internal FET.

In addition, it offers functional safety features such as independent voltage monitors, windowed watchdog timer, I/O monitoring via ERRMON and FCCU and built-in-self test. The FS56 is offered in QM, ASIL B and Enhanced ASIL B versions.

The FS56 offers highly configurable General Purpose Input/Outputs for seamless operation with PF PMICs as PF8x, PF7x and PF5x families.

The FS56 presents an optimized architecture for automotive with low-power modes and EMC minimizing as spread spectrum, frequency tuning and synchronization.

FS56 Block Diagram Block Diagram



View additional information for [Automotive Dual Buck Regulator and Controller with Voltage Monitors and Watchdog Timer](#).

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