S12C Automotive and Industrial Microcontrollers (MCUs)

S12C

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The S12C is part of Our 48/52/80 pin flash-based MCU family, giving you the power and flexibility of the 16-bit core for a wide range general-purpose industrial and automotive network applications.

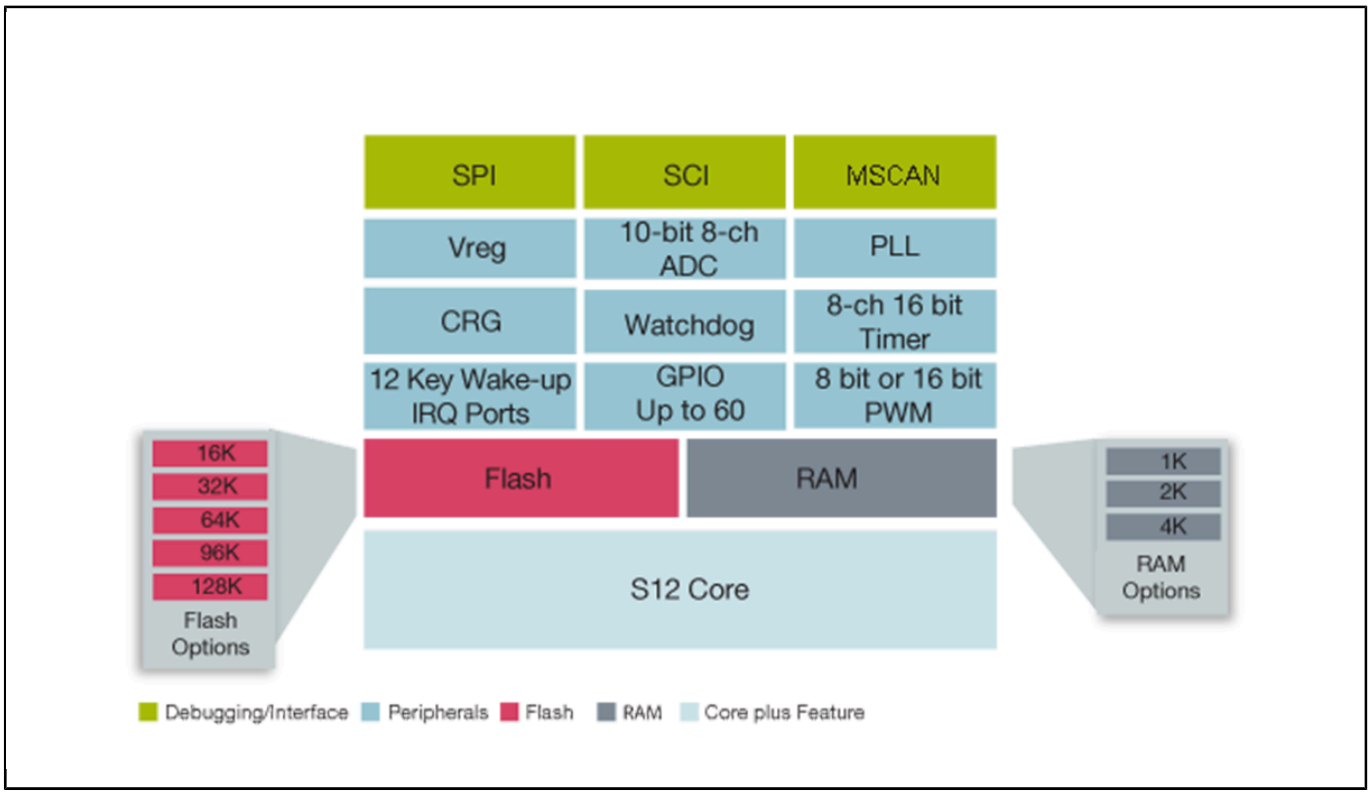
An on-chip bandgap-based voltage regulator (Vreg) generates the internal digital supply voltage (VDD) for a 2.97 V to 5.5 V external supply range.

The inclusion of a phase-lock look (PLL) circuit allows power consumption and performance to be adjusted.

A total of 50 I/O port pins and two input pins are available in the 80-pin package version.

Up to 12 I/O port bits are available with wake-up capability from stop or wait mode.

S12C Microcontroller Block Diagram Block Diagram



View additional information for S12C Automotive and Industrial Microcontrollers (MCUs).

Note: The information on this document is subject to change without notice.