The MC9S12GC128 MCU is a 16-bit device composed of the top on-chip peripherals for your automotive designs.

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 MC9S12GC128 has full 16-bit data paths throughout.

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

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.
View additional information for S12GC Automotive and Industrial Microcontrollers (MCUs).

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