8-Bit MCU with Integrated Vreg, Configurable H-B, LIN

MM908E625

Last Updated: Jun 17, 2025

The NXP® MM908E625 is an integrated single package solution including a high performance HC08 MCU with a SMARTMOS® analog control IC.
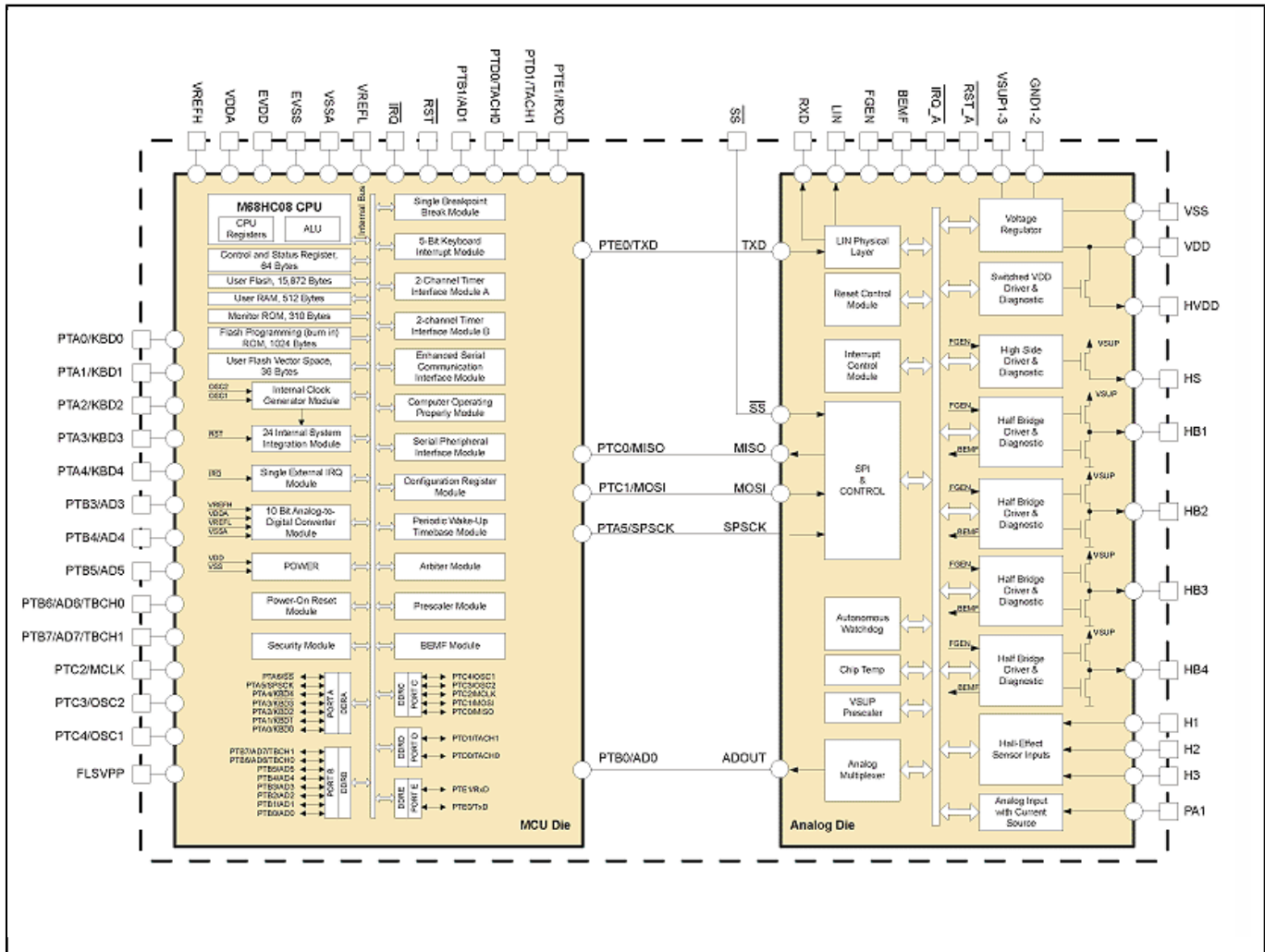
The HC08 includes flash memory, a timer, enhanced serial communications interface, an ADC, internal SPI, and an internal clock generator module

The analog control die provides fully protected H-Bridge/high side outputs, voltage regulator, autonomous watchdog with cyclic wake-up, and local interconnect network (LIN) physical layer

The single package solution, together with LIN, provides optimal application performance adjustments and space saving PCB design

Well-suited for the control of automotive mirror, door lock, and light-leveling applications

MM908E625 Block Diagram

View additional information for 8-Bit MCU with Integrated Vreg, Configurable H-B, LIN.

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