

HC08G: 8-bit General Purpose G MCUs ☆

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General purpose devices targeted to consumer and industrial applications with a range of peripherals. The MC68HC08G is a member of the low-cost, high-performance M68HC08 Family of 8-bit microcontroller units (MCUs). All MCUs in the family use the enhanced M68HC08 central processor unit (CPU08) and are available with a variety of modules, memory sizes and type, and package types.

Features

- High-performance M68HC08 architecture optimized for C-compilers
- Fully upward-compatible object code with M6805, M14805, and M68HC05 Families
- Up to 8-MHz internal bus frequency
- System protection features:
 - Optional computer operating properly (COP) reset
 - Low-voltage detection with optional reset and selectable trip points for 3.0-V and 5.0-V operation
 - Illegal opcode detection with optional reset
 - Illegal address detection with optional reset
- Low-power design; fully static with stop and wait modes


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