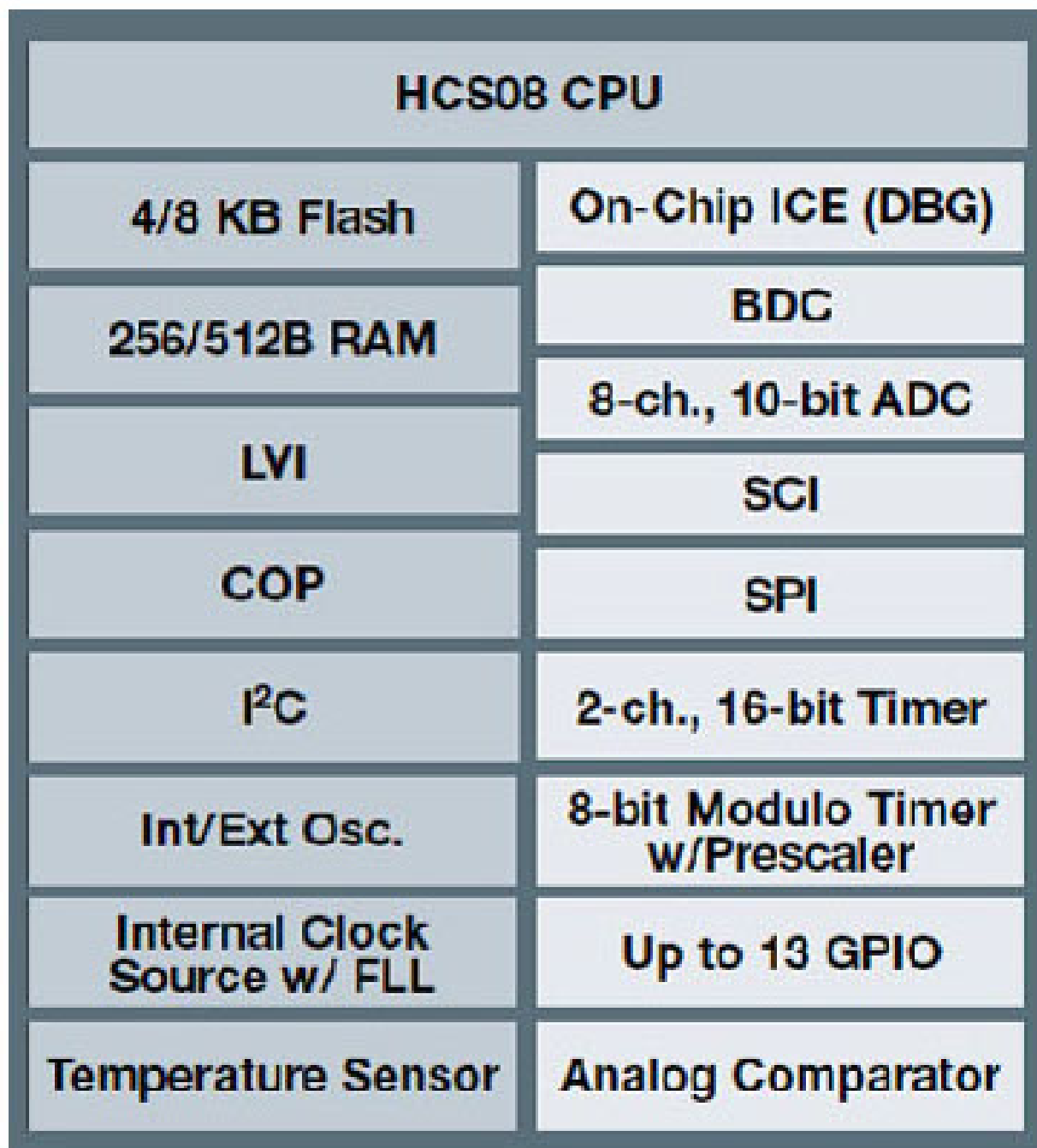# 8-bit Small Package QG MCUs

## S08QG

Last Updated: Mar 5, 2025

The S08QG Family of microcontrollers provide a wide variety of serial interfaces and peripherals, normally found in higher-end devices, all in a small package. Featuring low-power S08 8-bit architecture, S08QG devices are a good fit for battery-powered devices.

**NXP S08QG Microcontroller Block Diagram Block Diagram**

| HCS08 CPU | |
|---|---|
| 4/8 KB Flash | On-Chip ICE (DBG) |
| 256/512B RAM | BDC |
| | 8-ch., 10-bit ADC |
| LVI | SCI |
| COP | SPI |
| I²C | 2-ch., 16-bit Timer |
| Int/Ext Osc. | 8-bit Modulo Timer w/Prescaler |
| Internal Clock Source w/ FLL | Up to 13 GPIO |
| Temperature Sensor | Analog Comparator |

View additional information for 8-bit Small Package QG MCUs.

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