



# 8-bit S08RC, S08RD, S08RE and S08RG MCUs

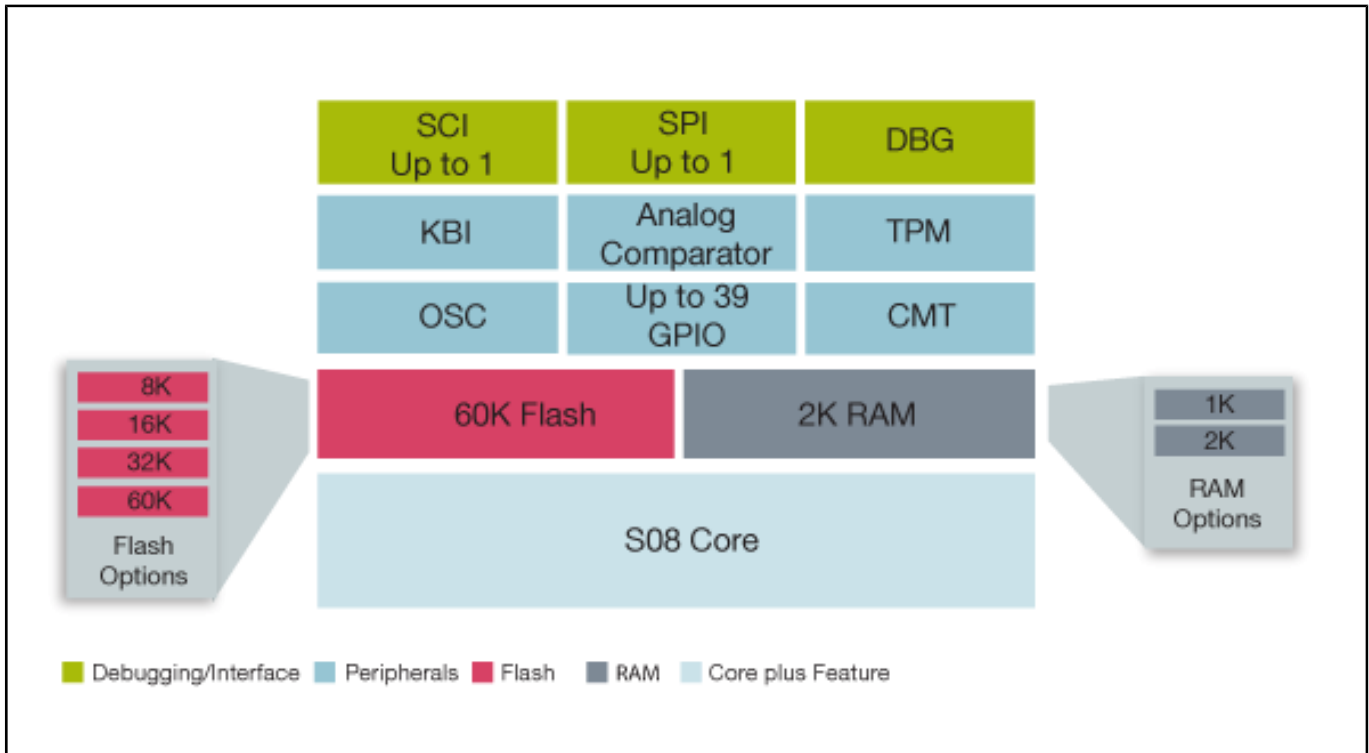
## S08R

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The S08R family offers an upward migration path from NXP's 68HC05 and 68HC08 architectures for applications that need lower power, more peripherals and higher performance than the enhanced [S08](#) core offers. This family is complemented by the S08RC, S08RD, S08RE and S08RG families.

Other features, depending on family member, include a carrier modulation timer for infrared remote control communications, a serial communications interface (SCI), serial peripheral interface (SPI), an analog comparator and two programmable timer channels.

## Freescale S08R Microcontroller Block Diagram Block Diagram



View additional information for [8-bit S08RC](#), [S08RD](#), [S08RE](#) and [S08RG MCUs](#).

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

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