



# Flexis 32-Bit ColdFire® V1 Microcontroller

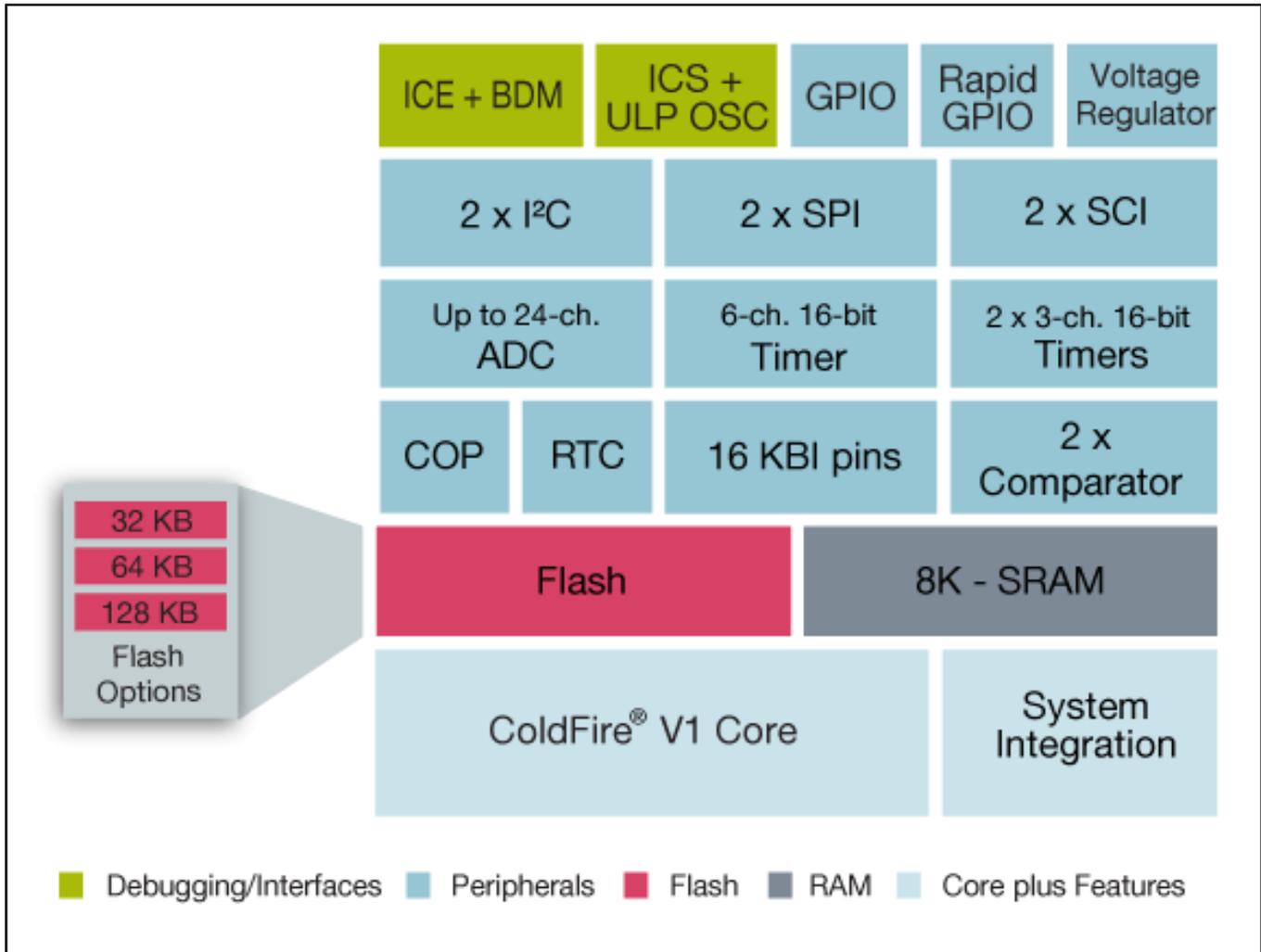
## MCF51QE

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The QE family, comprised of a pin-compatible 8-bit and 32-bit device duo, is the first family in the Flexis series. The Flexis series of controllers is the connection point on the NXP® Controller Continuum, where 8- and 32-bit compatibility becomes reality.

The MCF51QE128 device extends the low end of the 32-bit ColdFire® controller family with up to 128 KB flash memory and a 24-channel, 12-bit analog-to-digital converter (ADC). The 32-bit MCF51QE128 is pin-, peripheral- and tool-compatible with the 8-bit S08QE128 device. They share a common set of peripherals and development tools delivering the ultimate in migration flexibility.

## ColdFire MCF51QE Microcontroller Block Diagram Block Diagram



View additional information for [Flexis 32-Bit ColdFire® V1 Microcontroller](#).

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

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