



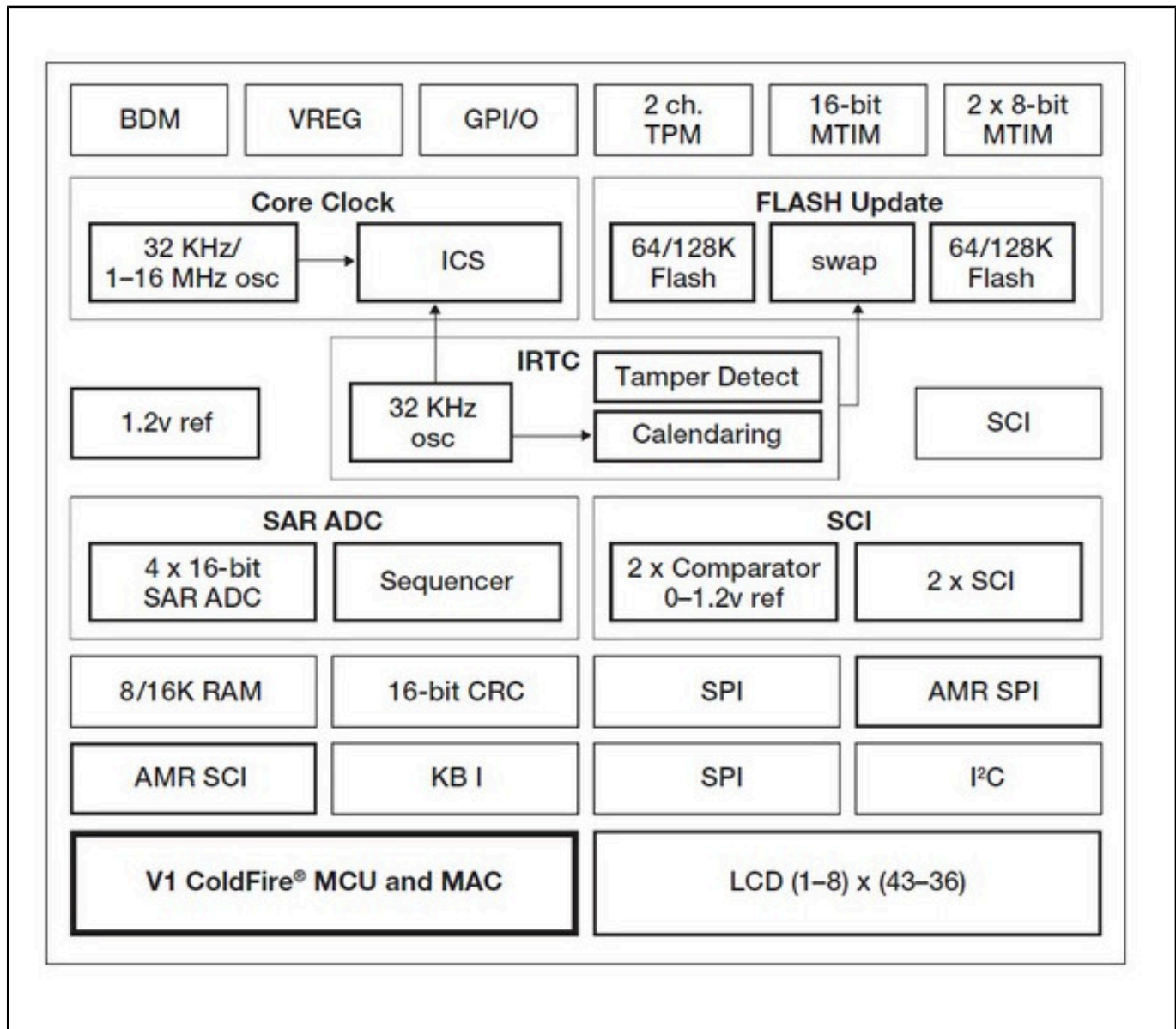
# **MCF51EM256 32-Bit MCU for Smart Meter Applications**

## **MCF51EM**

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MCF51EM256 is NXP®'s smart-meter-on-a-chip 32-bit ColdFire® V1 core microcontroller (MCU) with embedded LCD controller, 16-bit analog-to-digital converter (ADC), and metrology-specific peripherals optimized for smart meter applications. MCF51EM256 comes with a full suite of hardware and software tools that make development quick and easy.

## ColdFire MCF51EM Microcontroller Block Diagram Block Diagram



View additional information for [MCF51EM256 32-Bit MCU for Smart Meter Applications](#).

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

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