



# 8-bit LCD for Battery-Powered and Handheld LC MCUs

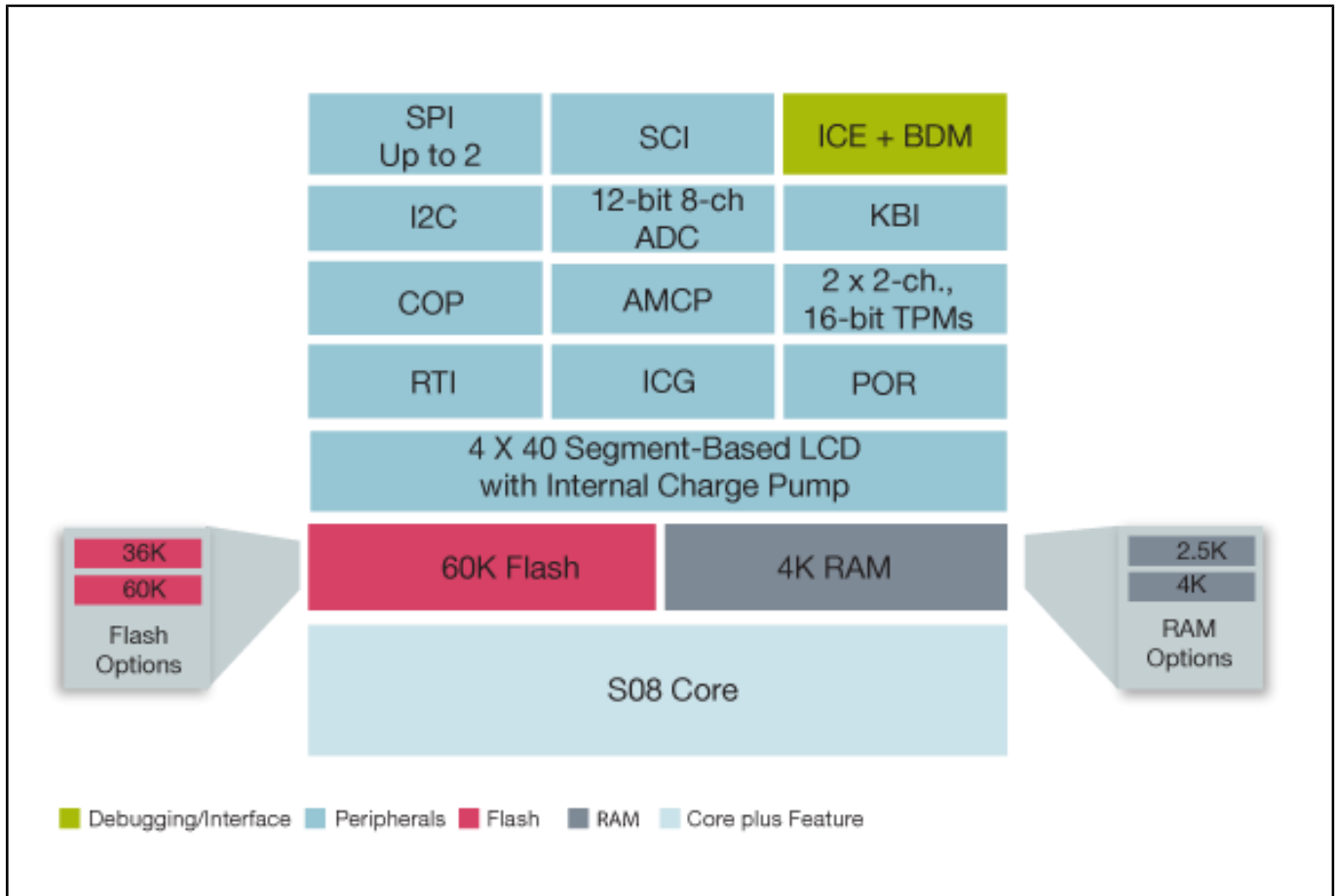
## S08LC

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The S08LC microcontroller expands Our 8-bit portfolio by offering an integrated LCD controller with the low-power and feature-rich capabilities of the [S08 family](#). It is the first LCD [S08](#) 8-bit microcontroller for battery-powered and handheld applications. The S08LC is a flash-based device with enhanced EEPROM emulation, eliminating the need for off-chip EEPROM, saving both board space and cost.

The S08LC is specifically crafted to provide high segment count that is easy on the batteries. A larger segment display of up to 160 segments offers total flexibility with a graphical display and sufficient memory to act as application and LCD controller without the added cost of a dot matrix or chip-on-glass,? fulfilling the need for a broad spectrum of applications with displays.

## S08LC Microcontroller Block Diagram Block Diagram



View additional information for [8-bit LCD for Battery-Powered and Handheld LC MCUs](#).

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

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