



8-bit Flexis QE MCUs

S08QE

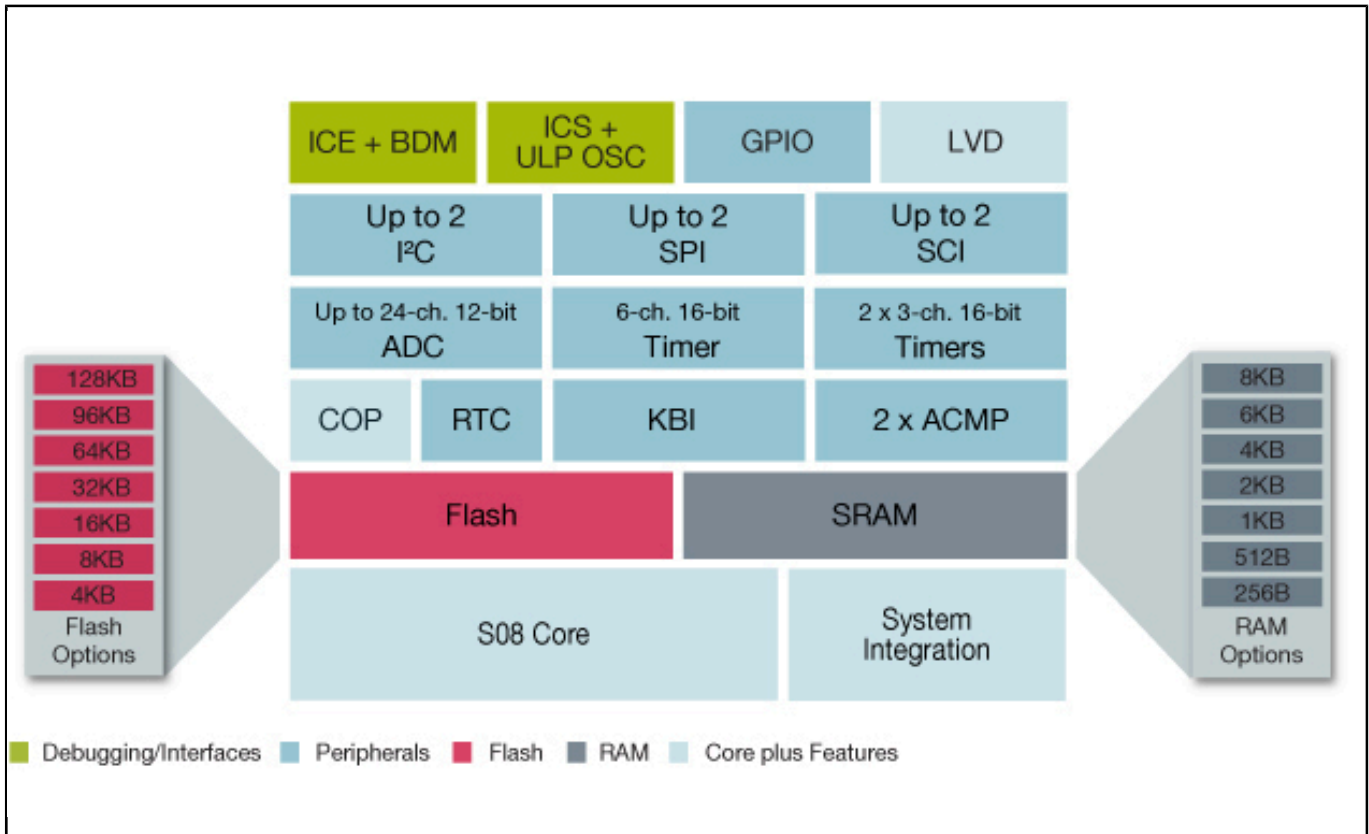
Last Updated: Aug 1, 2023

The S08QE family, comprised of a pin-compatible 8-bit and 32-bit device duo, is Our first family in the Flexis series. The Flexis series of controllers is the connection point of the NXP® Controller Continuum where 8- and 32-bit compatibility become reality.

The S08QE128 pushes the boundaries of the 8-bit architecture performance with 128 KB of flash, 24 analog-to-digital converter (ADC) channels and delivering up 25 MHz in bus frequency.

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.

Freescale S08QE Microcontroller Block Diagram Block Diagram



View additional information for [8-bit Flexis QE MCUs](#).

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

www.nxp.com

NXP and the NXP logo are trademarks of NXP B.V. All other product or service names are the property of their respective owners. The related technology may be protected by any or all of patents, copyrights, designs and trade secrets. All rights reserved. © 2024 NXP B.V.