



8-bit EEPROM with LIN S08EL and S08SL MCUs

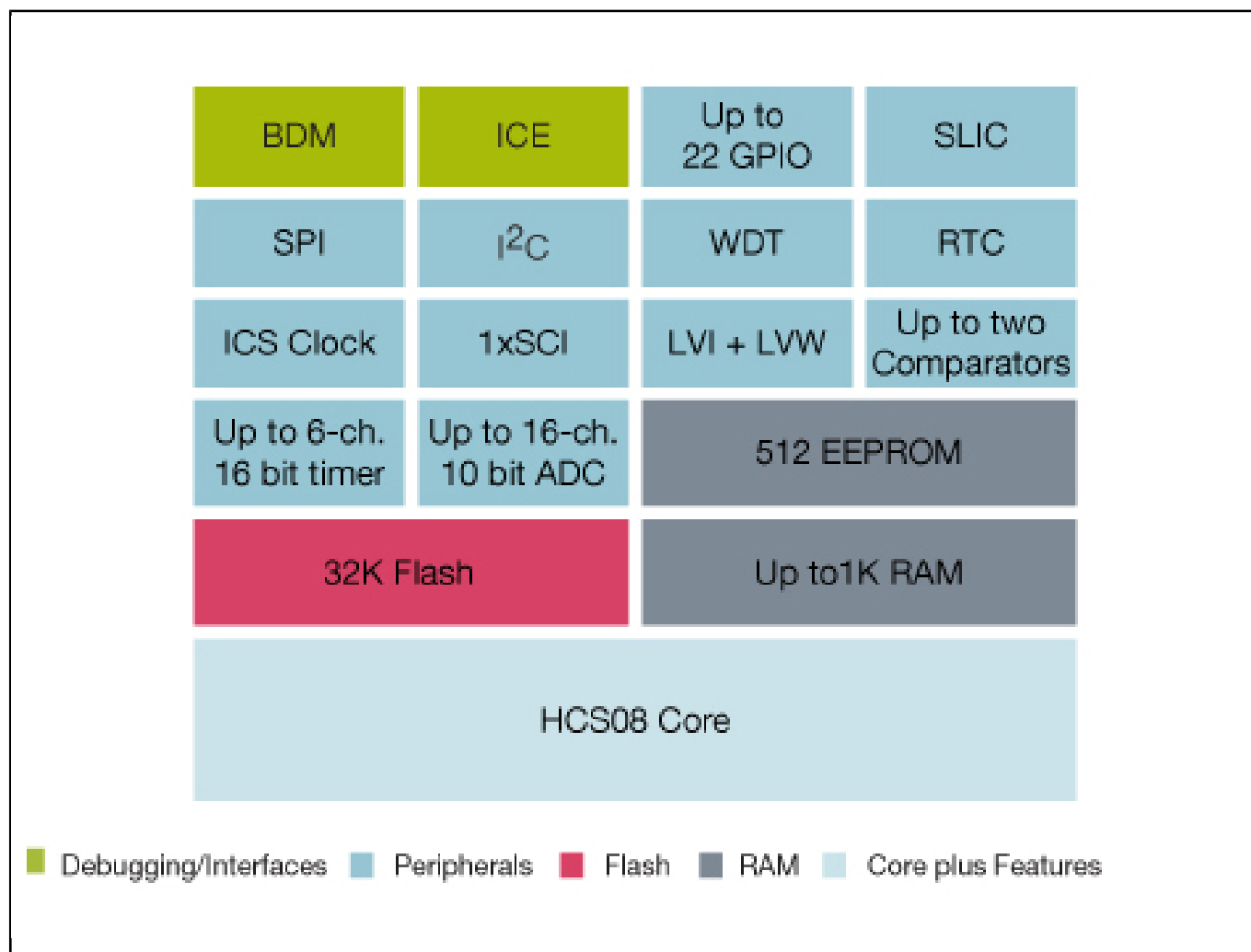
S08EL-SL

Last Updated: Mar 5, 2025

S08EL and [S08SL](#) 8-bit microcontrollers with embedded Follower LIN Interface Controller (SLIC) and EEPROM help to increase LIN follower performance and reduce development time. NXP® Semiconductors's 8-bit EL and SL families of microcontrollers (MCUs) are designed for LIN follower and general market applications. The EL family is positioned as higher end, offering higher memory and more peripherals, while the SL family is intended for more cost-sensitive applications.

An application focus area of the EL and SL families is' Local Interconnect Network (LIN). LIN is a UART-based, single-leader, multiple-follower networking architecture originally developed for automotive sensor and actuator networking applications.

NXP S08SL Microcontroller Block Diagram Block Diagram



View additional information for [8-bit EEPROM with LIN S08EL and S08SL 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. © 2025 NXP B.V.