



# S12ZVL Mixed-Signal MCU for Automotive and Industrial LIN Applications

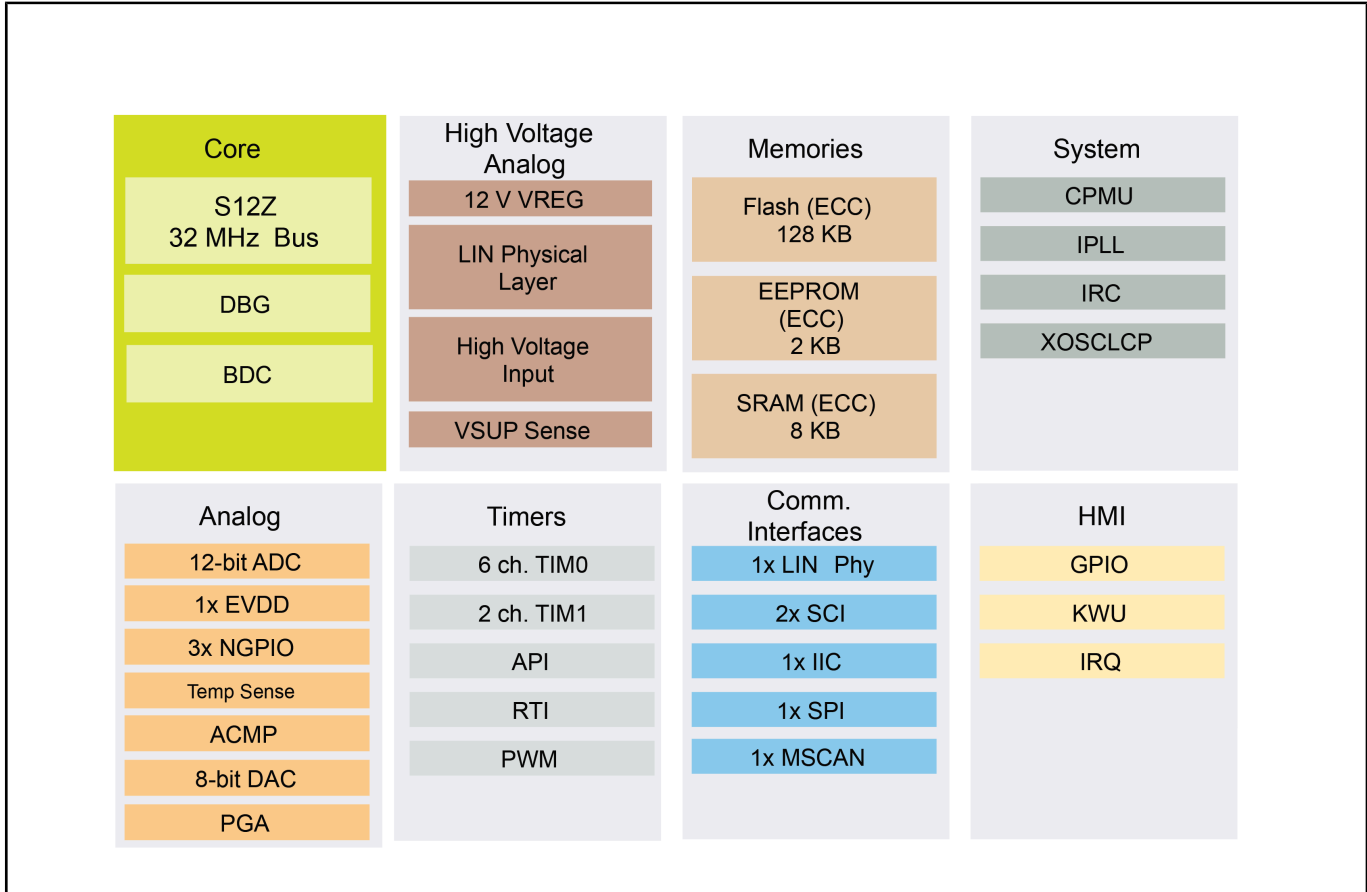
## S12ZVL

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The S12ZVL platform, part of the [S12 MagniV](#) mixed-signal MCU product line, offers a low-cost, highly integrated solution for space-constrained automotive LIN nodes. With memory sizes from 8-128K flash, the family provides scalability for platform standardization.

The S12ZVL integrates a sophisticated S12Z core with a 12 V to 5 V voltage regulator and a LIN physical layer transceiver for automotive and industrial applications such as sensor interfaces, actuators, switch panels or ambient lighting.

## S12 MagniV Mixed-Signal MCU for LIN Applications Block Diagram Block Diagram



View additional information for [S12ZVL Mixed-Signal MCU for Automotive and Industrial LIN Applications](#).

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

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