



# S12ZVC Mixed-Signal MCU for Automotive and Industrial CAN Applications

## S12ZVC

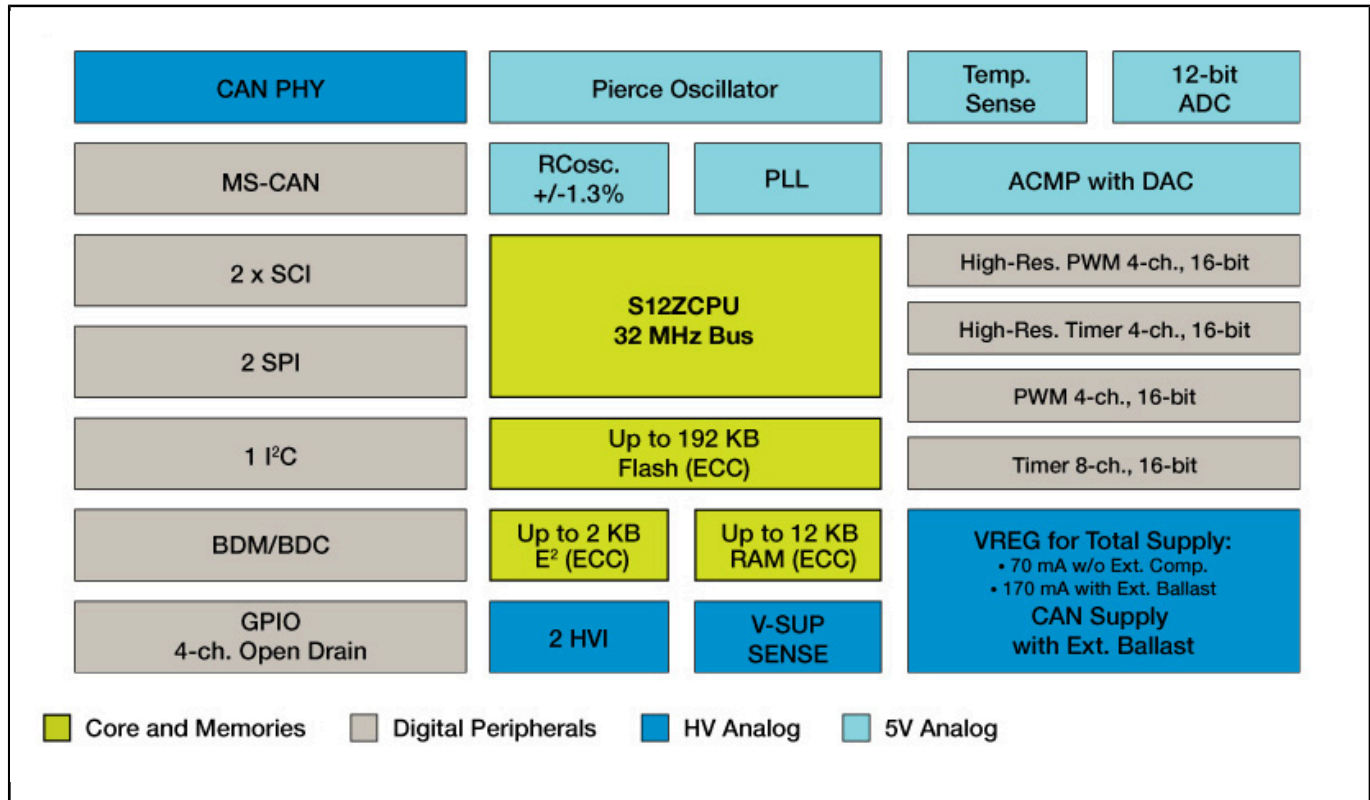
Last Updated: Aug 1, 2023

The S12ZVC platform, part of the S12 MagniV® mixed-signal MCU family, offers a low-cost, highly integrated solution that enables the design of smallest possible automotive CAN-termination nodes, while the family concept gives you scalability for platform design.

The S12ZVC integrates a sophisticated S12Z core together with a 12 V to 5 V voltage regulator and a CAN physical layer for automotive and industrial applications such as sensors, actuators switch panels or other user interfaces.

For additional information and sample availability, contact your local [NXP® Sales Office](#).

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



View additional information for [S12ZVC Mixed-Signal MCU for Automotive and Industrial CAN Applications](#).

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

[www.nxp.com](http://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.