



# **S12ZVL32 RGB LED Lighting Reference Design**

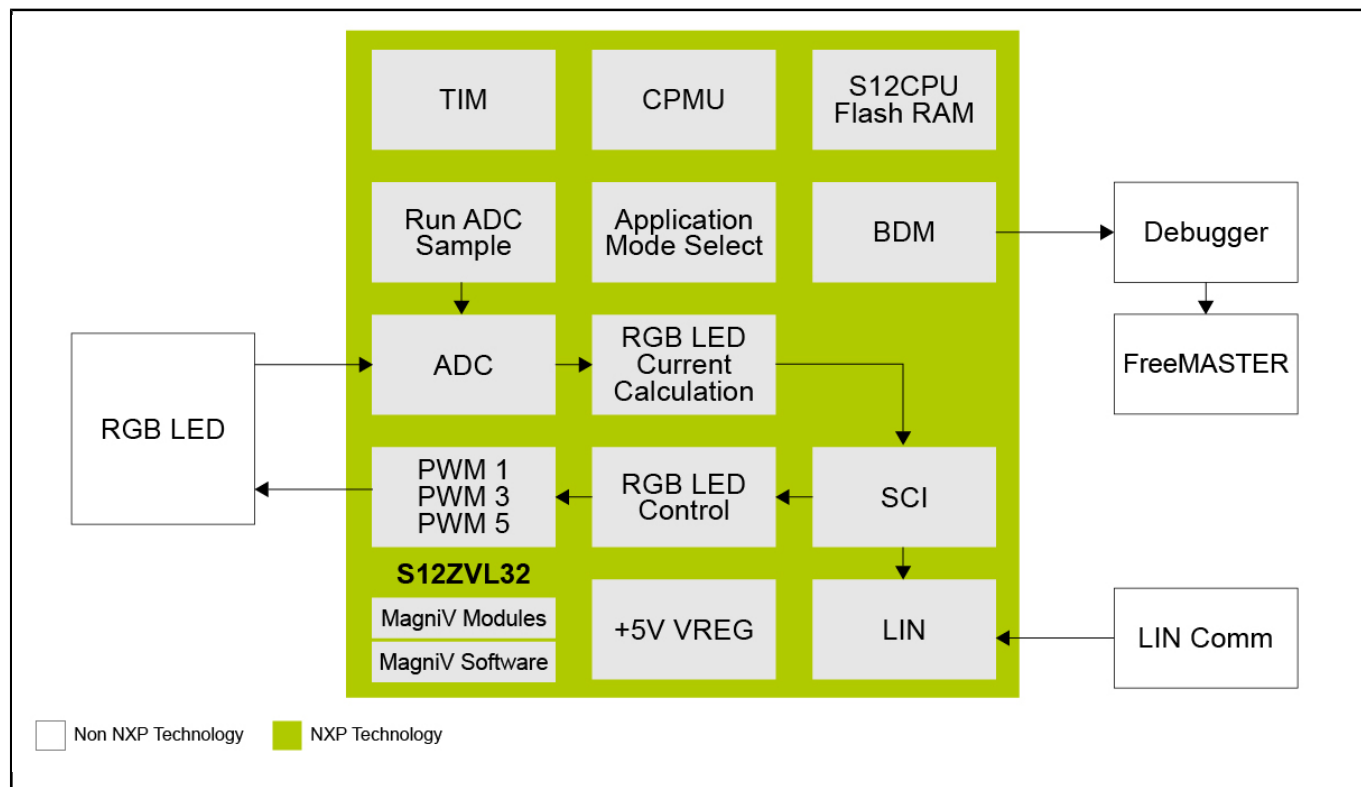
## **S12ZVL32-LED**

Last Updated: May 1, 2023

The S12ZVL32-LED is a reference design board engineered for RGB light-emitting diode (LED) control and diagnostics using local interconnect network (LIN).

Based on the 16-bit S12 MagniV® S12ZVL mixed-signal microcontrollers, the S12ZVL32-LED offers an automotive voltage regulator, a LIN interface, a Vsup module to sense automotive battery voltage and an HVI pin.

## RGB LED Lighting Block Diagram



View additional information for [S12ZVL32 RGB LED Lighting Reference Design](#).

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

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