S12ZVL32 RGB LED照明参考设计
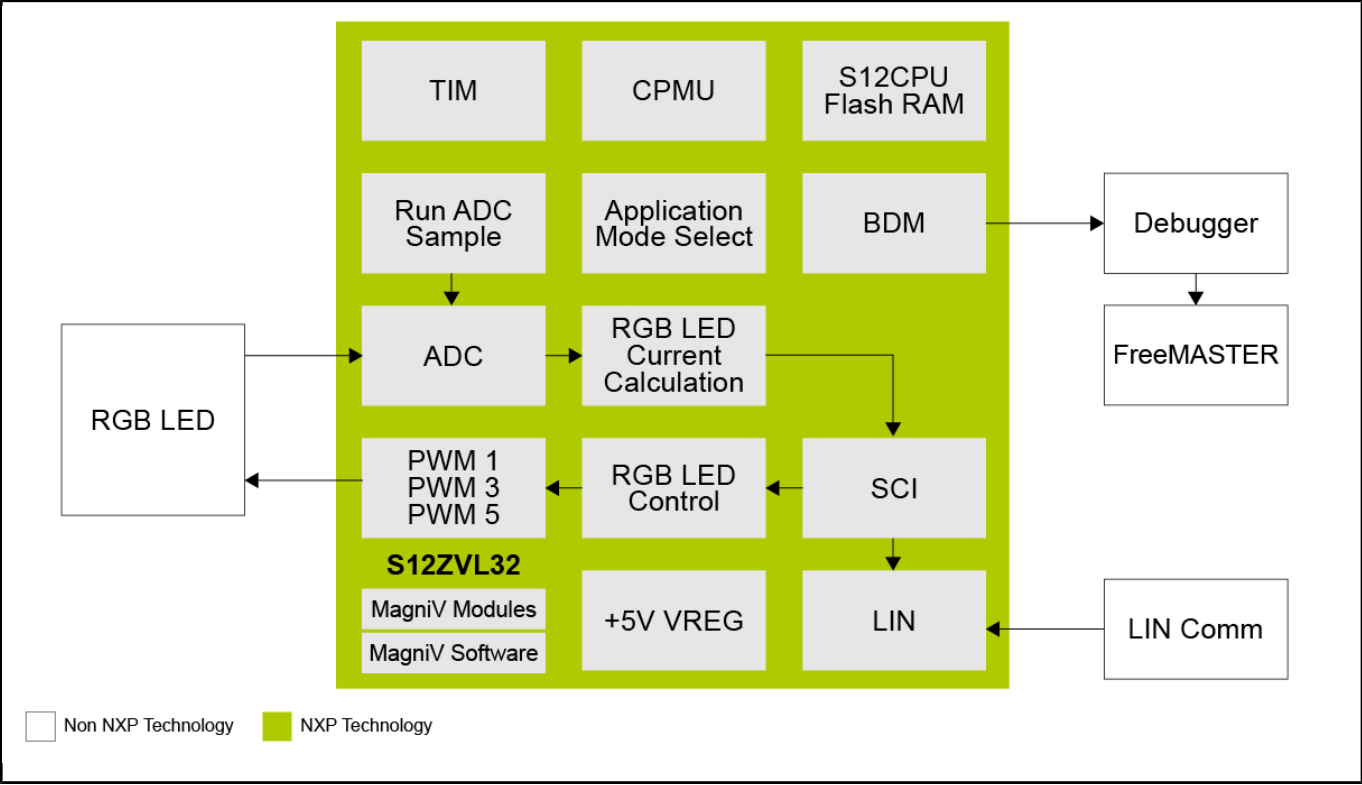
S12ZVL32-LED

Last Updated: Aug 26, 2022

S12ZVL32-LED参考设计板适用于使用LIN（本地互联网）协议的RGB发光二极管(LED)控制和诊断。

S12ZVL32-LED基于16位S12 MagniV® S12ZVL混合信号微控制器，提供一个汽车稳压器、一个LIN接口、一个用于感应汽车电池电压的Vsup模块，和一个HVI引脚。

RGB LED照明 Block Diagram

TIM	CPMU	S12CPU Flash RAM
Run ADC Sample	Application Mode Select	BDM
ADC	RGB LED Current Calculation	
PWM 1 PWM 3 PWM 5	RGB LED Control	SCI
+5V VREG		LIN

S12ZVL32
MagniV Modules
MagniV Software

RGB LED

Debugger

FreeMASTER

LIN Comm

Non NXP Technology

NXP Technology

View additional information for S12ZVL32 RGB LED照明参考设计.

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