

SLG7LD

GreenPAK™ LED Control IC Standard Designs

Description

[SLG7LD](#) is a collection of Renesas GreenPAK LED control IC standard designs. Each design provides a pre-configured implementation for LED control, LED driving, PWM generation, backlight handling, or RGB control.

The collection includes compact LED-control designs, PWM-based implementations, display-backlight control, LED drivers, and RGB-control solutions.

Every SLG7LD standard design can be further customized to meet specific customer requirements, including timing, PWM behavior, input control, channel logic, and package selection.

Full datasheets for individual standard designs are available upon request. Contact greenpak@renesas.com.

Features

- Pre-configured LED-control and LED-driver designs
- PWM and signal-generation options
- Backlight and RGB-control implementations
- Programmable logic and timing
- Compact package choices
- Ready for evaluation and further customization

Applications

- Status and indicator LEDs
- Display backlight control
- RGB and multi-state lighting control
- Consumer, computing, and embedded systems

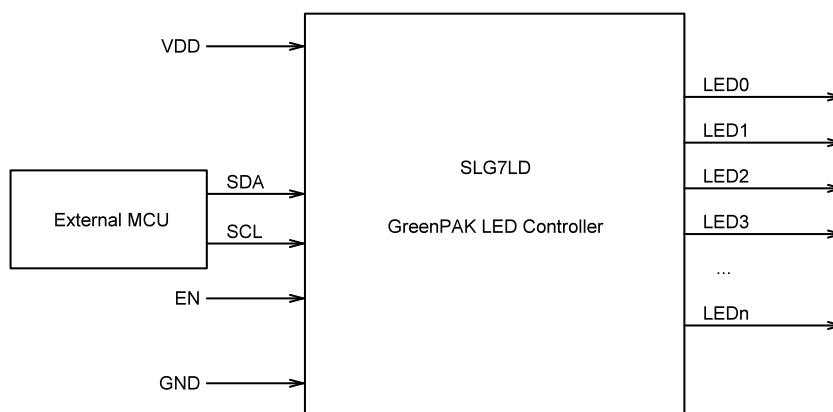


Figure 1. SLG7LD LED Control IC – Typical Application Block Diagram

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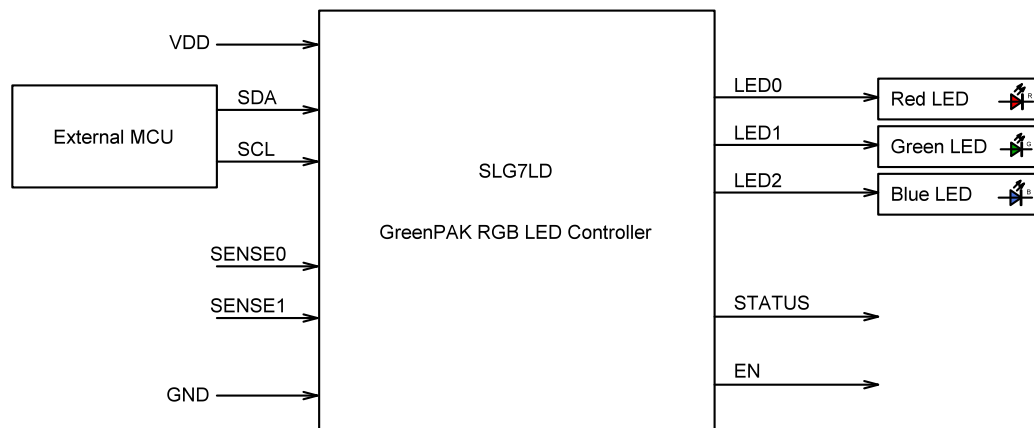


Figure 2. SLG7LD RGB LED Control IC – Typical Application Block Diagram

The complete, up-to-date list of available standard designs is published in the Product Options section of the SLG7LD product page. Each design is ready for evaluation and can be further customized to meet specific customer requirements. Individual datasheets are available on request via greenpak@renesas.com.