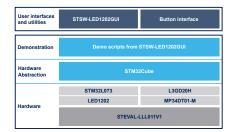




### Firmware for the STEVAL-LLL011V1 evaluation board



### **Features**

- Firmware to drive the 12-channel LED1202 LED driver
- Forms a bridge between the LED driver and a PC GUI interface to configure the
  driver.
- Allows custom LED effects written in the GUI with BASIC-like scripts to run on the LED driver
- Standalone mode support with direct execution of scripts loaded on the onboard microcontroller

## **Description**

The STSW-LLL011FW firmware runs on the STM32L073 microcontroller embedded on the STEVAL-LLL011V1 evaluation board.

The firmware forms a bridge that allows read and write access to appropriate configuration and status registers in the LED1202 12-channel LED driver with the STSW-LED1202GUI graphical interface running on a PC.

The GUI also helps users build LED effects scripts in a language similar to BASIC, which the firmware can run immediately from the GUI, or in Standalone mode using the board button interface after the scripts have been loaded onto the microcontroller.

Product summary		
firmware for STEVAL- LLL011V1 with demonstration examples	STSW- LLL011FW	
GUI for evaluation boards based on LED1202 driver	STSW- LED1202GUI	
evaluation board for the LED1202 LED driver	STEVAL- LLL011V1	
12-channel low quiescent current LED driver	LED1202	
ultra-low-power ARM Cortex-M0+ MCU	STM32L073	
Applications	Wearable LED Small Displays	



# **Revision history**

**Table 1. Document revision history** 

Date	Version	Changes
03-Aug-2020	1	Initial release.

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