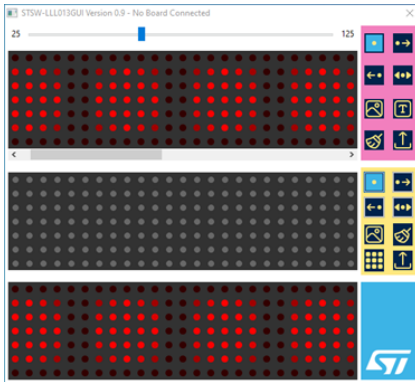


Software GUI for STEVAL-LLL013V1 evaluation board for LED matrix applications



Features

- Banner design
 - Text base design
 - Apply preset stickers
 - Pixel by pixel level set
 - Scrolling effects
- Mask design
 - Pixel by pixel mask set
 - Apply preset masks
 - Scrolling effects
- Real-time results

Description

The [STSW-LLL013GUI](#) is intended for use with the [STEVAL-LLL013V1](#) and the [STSW-LLL013FW](#) firmware on board. It provides a graphical interface that allows the user to create customized text based banners with scrolling effects.

The GUI can work with or without the [STEVAL-LLL013V1](#) board. The GUI is composed by two grid panels, in which the user can create its own banner and apply a mask effect.

A third panel shows the expected result. Once the banner is created and a [STEVAL-LLL013V1](#) is connected, the banner can be downloaded in the board and showed in real time.

Product summary	
GUI for STEVAL-LLL013V1	STSW-LLL013GUI
7x25 LED Matrix panel based on STP16	STEVAL-LLL013V1
Firmware for STEVAL-LLL013V1 evaluation board for LED matrix applications	STSW-LLL013FW
Low voltage 16-bit constant current LED sink driver	STP16CPC26XTR
Mainstream Arm Cortex-M0 USB line MCU with 32 Kbytes of Flash memory, 48 MHz CPU, USB, CAN and CEC functions	STM32F042K6T6TR
Applications	Home and Professional Appliances

Revision history

Table 1. Document revision history

Date	Revision	Changes
06-Feb-2023	1	Initial release.
08-Aug-2023	2	Updated Title and Product summary. Added STSW-LLL013FW.

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