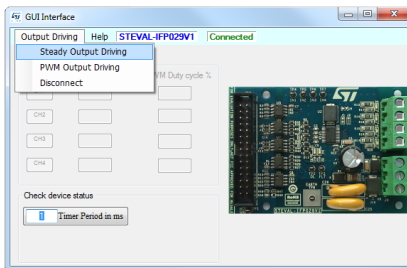


Graphical user interface for the STEVAL-IFP029V1 evaluation board



Features

- Control of the evaluation board through the [STEWAL-PCC009V2](#) (to be ordered separately)
- Automatic board identification
- Steady state and PWM output driving modes
- Configurable frequency and duty cycle in PWM output driving mode
- Fault detection
- Freely available for download at www.st.com

Description

The [STSW-IPF029GUI](#) is designed to facilitate control of the [STEWAL-IFP029V1](#) through the [STEWAL-PCC009V2](#).

The GUI offers two main driving modes: Steady State and PWM.

The Steady State driving mode allows the static setting of the output stage ON (= V_{CC}) or OFF (= GND) of the [STEWAL-IFP029V1](#).

The PWM driving mode allows the setting of the switching mode on the output stage. You can set both the switching frequency ($\geq 2\text{KHz}$, with 1 kHz step minimum) and the duty cycle (0% to 100%).

The GUI also signals the status (ON = red LED active) of the diagnostics pin.

The [STSW-IPF029GUI](#) is available free of charge on www.st.com.



Product summary	
GUI for the STEWAL-IFP029V1 evaluation board	STSW-IFP029GUI
Quad low-side driver evaluation board based on IPS4260L	STEWAL-IFP029V1
STM32-based USB-to-serial interface bridge board	STEWAL-PCC009V2

Revision history

Table 1. Document revision history

Date	Version	Changes
16-Apr-2018	1	Initial release.

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