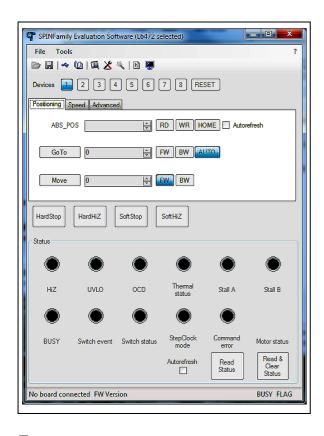


STSW-SPIN002

SPINFamily evaluation tool

Data brief



Description

The SPINFamily evaluation tool is Windows based software whose purpose is to control STSPIN family devices. It requires the Microsoft .NET2 Framework.

It can control the STEVAL-PCC009V2 interface board, EVAL64xxH-DISC or STM32 Nucleo boards.

A command section allows controlling the stepper or brush DC motor.

Device configuration can be done through a registry editor, a user-friendly configuration panel or a wizard.

The wizard contains predefined configuration for existing demonstration boards and allows easily configuring the devices.

Configurations can be stored and loaded.

A script editor allows controlling each aspect of the device using the Python language.

Features

- · Compatible with STSPIN devices
- Manages STEVAL-PCC009V2 interface boards, EVAL64xxH-DISC and STM32 Nucleo boards
- · Supports daisy chaining.
- Stepper and brush DC motor
- Wizard to easily configure devices
- Registry viewer
- Scripting using Python
- Configuration management

Supported boards STSW-SPIN002

Supported boards

STEVAL-PCC009V2 connected with

- EVAL6470H, EVAL6470PD
- EVAL6472H, EVAL6472PD
- EVAL6474H, EVAL6474PD
- EVAL6480H
- EVAL6482H
- EVLPOWERSTEP01
- EVAL6206Q
- EVAL6208Q

Discovery boards

- EVAL6470H-DISC
- EVAL6472H-DISC
- EVAL6474H-DISC
- EVAL6480H-DISC
- EVAL6482H-DISC

STM32 Nucleo (NUCLEO-F030R8, NUCLEO-F401RE, NUCLEO-L053R8) connected with

- X-NUCLEO-IHM01A1 (L6474)
- X-NUCLEO-IHM03A1 (powerSTEP01)
- X-NUCLEO-IHM04A1 (L6206PD)
- X-NUCLEO-IHM05A1 (L6208PD)

STSW-SPIN002 Revision history

Revision history

Table 1. Document revision history

Date	Revision	Changes
30-Oct-2015	1	Initial release.

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