



### 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

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)

## Revision history

**Table 1. Document revision history**

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

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