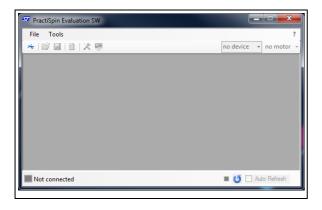


### STSW-SPIN003

### PractiSPIN™ 2 evaluation software

Data brief



#### **Features**

- Stepper motor driver applications using the L6208 or L6207
  - Speed profile management
  - Positioning and speed tracking commands
- Dual brush DC motor applications using the L6206 or L6207
  - Independent motor driving
  - Parallel mode for high current operation
- 6Step brushless motor application using the L6235
  - Voltage mode and current mode driving
  - Speed feedback
- · Scripting using Python.

#### **Description**

The practiSPIN 2 is Windows<sup>®</sup> based software providing a graphical user interface for the evaluation of the L6208, L6206, L6207 and L6235 devices. For each device a specific user interface is proposed, allowing exploring the full set of functionalities.

A script editor allows controlling all aspects of the device using the Python language.

Compatibility list STSW-SPIN003

## **Compatibility list**

The software is compatible with the following demonstration boards:

Table 1. Compatibility list

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Interfacing board	Demonstration board	Device	Application	
STEVAL-PCC009V2	EVAL6206Q	L6206	Brush DC motor driving	
STEVAL-PCC009V2	EVAL6207Q	L6207	Brush DC motor driving	
STEVAL-PCC009V2	EVAL6207Q	L6207	Stepper motor driving	
STEVAL-PCC009V2	EVAL6208Q	L6208	Stepper motor driving with microstepping	
STEVAL-PCC009V2	EVAL6235Q	L6235	6Step brushless motor driving	

STSW-SPIN003 Revision history

# **Revision history**

Table 2. Document revision history

Date	Revision	Changes
15-Dec-2015	1	Initial release.

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