



## 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® 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

The software is compatible with the following demonstration boards:

**Table 1. Compatibility list**

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

## Revision history

**Table 2. Document revision history**

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

**IMPORTANT NOTICE – PLEASE READ CAREFULLY**

STMicroelectronics NV and its subsidiaries ("ST") reserve the right to make changes, corrections, enhancements, modifications, and improvements to ST products and/or to this document at any time without notice. Purchasers should obtain the latest relevant information on ST products before placing orders. ST products are sold pursuant to ST's terms and conditions of sale in place at the time of order acknowledgement.

Purchasers are solely responsible for the choice, selection, and use of ST products and ST assumes no liability for application assistance or the design of Purchasers' products.

No license, express or implied, to any intellectual property right is granted by ST herein.

Resale of ST products with provisions different from the information set forth herein shall void any warranty granted by ST for such product.

ST and the ST logo are trademarks of ST. All other product or service names are the property of their respective owners.

Information in this document supersedes and replaces information previously supplied in any prior versions of this document.

© 2015 STMicroelectronics – All rights reserved