S2-LP
Errata sheet

Silicon limitations

Silicon identification

This errata sheet applies to the STMicroelectronics S2-LP device; see the below information for details.

Table 1: Device identification

Order code	Package	Device info (stored in 0xF0 and 0xF1 registers)	Comment
S2-LPQTR	QFN24 4x4x1	0x0391	Cut 2.1

Contents

1   SDO pin not tri-stated

1.1   Part number affected

S2-LPQTR cut 2.1.

1.2   Description

The SDO pin is always forced to output with an internal low impedance and the pin is not tri-stated when the CSn pin is high. This prevents the external microcontroller to use the same SPI bus for driving other SPI slaves.

1.3   Workaround

Two actions can be taken:

- do not use multiple slaves on the SPI bus where the S2-LP is attached;
- each time an application needs to access another SPI slave, turn the S2-LP off via the SDN pin.

2 Revision history

Table 2: Document revision history

Date	Revision	Changes
09-Nov-2016	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.