



STM3210E-EVAL Errata sheet

Additions and corrections for the STM3210E-EVAL user manual (UM0488)

Introduction

This errata sheet describes late additions and corrections to revision 1 of the STM3210E-EVAL evaluation board user manual (UM0488). These changes are related to:

- Version of demonstration software on the evaluation board
- NOR Flash description (section 1.20 of UM0488 revision 1)
- NOR Flash schematics (figure 26 in UM0488 revision 1)

Version of demonstration software

To use the STM3210E-EVAL evaluation board, you must have the demonstration software version 1.1 or later. If the version of the software installed on your evaluation board is earlier than version 1.1, you must download the latest version from the ST microcontroller support site at www.st.com.

To check the version number of the demonstration software on your evaluation board, from the main menu select **About**. The version number of the software is displayed on the LCD.

NOR Flash description

The following information needs to be added to the information present in revision 1 of the STM3210E-EVAL evaluation board user manual:

Three different NOR 128 Mbit references can be present on the evaluation board depending on component availability.

Table 1. NOR Flash reference

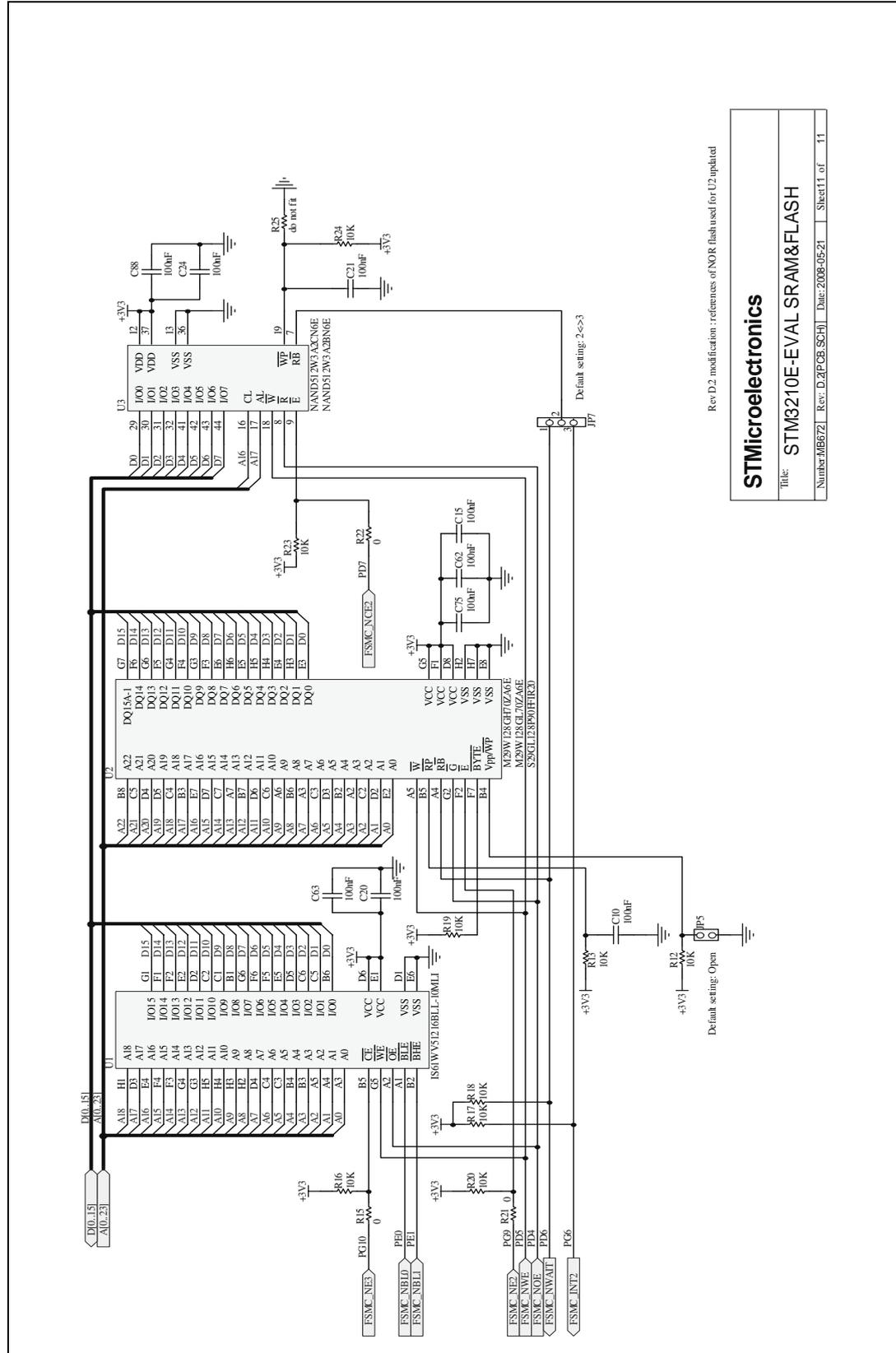
Reference	Manufacturer
M29W128GL70ZA6E	NUMONYX
M29W128GH70ZA6E	NUMONYX
S29GL128P90FFIR20	SPANSION

These three references are not identical in terms of ID code, speed, timing, block protection. The demonstration firmware and the software library delivered with the board support these three NOR Flash references. However, during the development of your application software, you must verify which NOR reference is implemented on your board (component referenced as U2 on silkscreen and schematic), and take its specificities into account.

NOR Flash schematics

The schematics provided in [Figure 1](#) replace the SRAM and NOR Flash schematics shown in revision 1 of the STM3210E-EVAL evaluation board user manual.

Figure 1. SRAM and Flash



Rev.D2, modification : references of NOR Flash used for L2 updated

STMicroelectronics

Title: **STM3210E-EVAL SRAM&FLASH**

Number:MB6721 Rev: D2(PCB.SCH) Date:2008-05-21 Sheet11 of 11

Revision history

Table 2. Document revision history

Date	Revision	Changes
2-June-2008	1	Initial release.

Please Read Carefully:

Information in this document is provided solely in connection with ST products. STMicroelectronics NV and its subsidiaries ("ST") reserve the right to make changes, corrections, modifications or improvements, to this document, and the products and services described herein at any time, without notice.

All ST products are sold pursuant to ST's terms and conditions of sale.

Purchasers are solely responsible for the choice, selection and use of the ST products and services described herein, and ST assumes no liability whatsoever relating to the choice, selection or use of the ST products and services described herein.

No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted under this document. If any part of this document refers to any third party products or services it shall not be deemed a license grant by ST for the use of such third party products or services, or any intellectual property contained therein or considered as a warranty covering the use in any manner whatsoever of such third party products or services or any intellectual property contained therein.

UNLESS OTHERWISE SET FORTH IN ST'S TERMS AND CONDITIONS OF SALE ST DISCLAIMS ANY EXPRESS OR IMPLIED WARRANTY WITH RESPECT TO THE USE AND/OR SALE OF ST PRODUCTS INCLUDING WITHOUT LIMITATION IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE (AND THEIR EQUIVALENTS UNDER THE LAWS OF ANY JURISDICTION), OR INFRINGEMENT OF ANY PATENT, COPYRIGHT OR OTHER INTELLECTUAL PROPERTY RIGHT.

UNLESS EXPRESSLY APPROVED IN WRITING BY AN AUTHORIZED ST REPRESENTATIVE, ST PRODUCTS ARE NOT RECOMMENDED, AUTHORIZED OR WARRANTED FOR USE IN MILITARY, AIR CRAFT, SPACE, LIFE SAVING, OR LIFE SUSTAINING APPLICATIONS, NOR IN PRODUCTS OR SYSTEMS WHERE FAILURE OR MALFUNCTION MAY RESULT IN PERSONAL INJURY, DEATH, OR SEVERE PROPERTY OR ENVIRONMENTAL DAMAGE. ST PRODUCTS WHICH ARE NOT SPECIFIED AS "AUTOMOTIVE GRADE" MAY ONLY BE USED IN AUTOMOTIVE APPLICATIONS AT USER'S OWN RISK.

Resale of ST products with provisions different from the statements and/or technical features set forth in this document shall immediately void any warranty granted by ST for the ST product or service described herein and shall not create or extend in any manner whatsoever, any liability of ST.

ST and the ST logo are trademarks or registered trademarks of ST in various countries.

Information in this document supersedes and replaces all information previously supplied.

The ST logo is a registered trademark of STMicroelectronics. All other names are the property of their respective owners.

© 2008 STMicroelectronics - All rights reserved

STMicroelectronics group of companies

Australia - Belgium - Brazil - Canada - China - Czech Republic - Finland - France - Germany - Hong Kong - India - Israel - Italy - Japan - Malaysia - Malta - Morocco - Singapore - Spain - Sweden - Switzerland - United Kingdom - United States of America

www.st.com