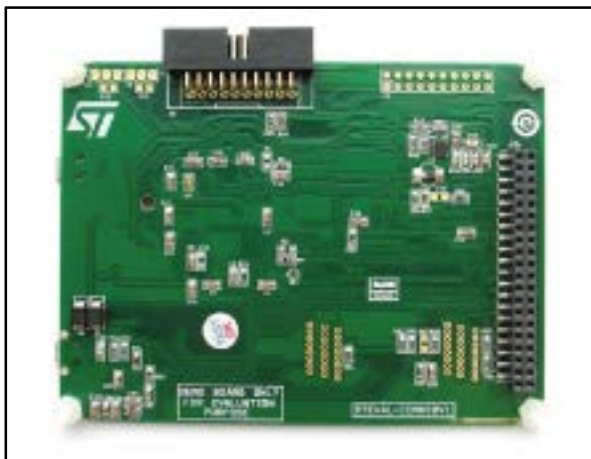


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**STM32F405x based NAND Flash driver evaluation board  
(without TFT)**

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Data brief

**Features**

- Designed for 512 byte & 2 Kb page size NAND Flash interfacing using FSMC interface of the STM32
- Supports both the FAT (ELM\_FS) file system and USB mass storage device mode
- Supports garbage collection, wear leveling, bad block management & ECC check
- RoHS compliant

**Description**

The STEVAL-CCM008V1 is a product evaluation board for a NAND Flash driver based on the STM32F405ZGT6 microcontroller.

It supports 512 byte and 2 Kb page size SLC NAND Flash, and dynamic detection of NAND Flash based on "Device ID".

**Figure 1: Microcontroller section**

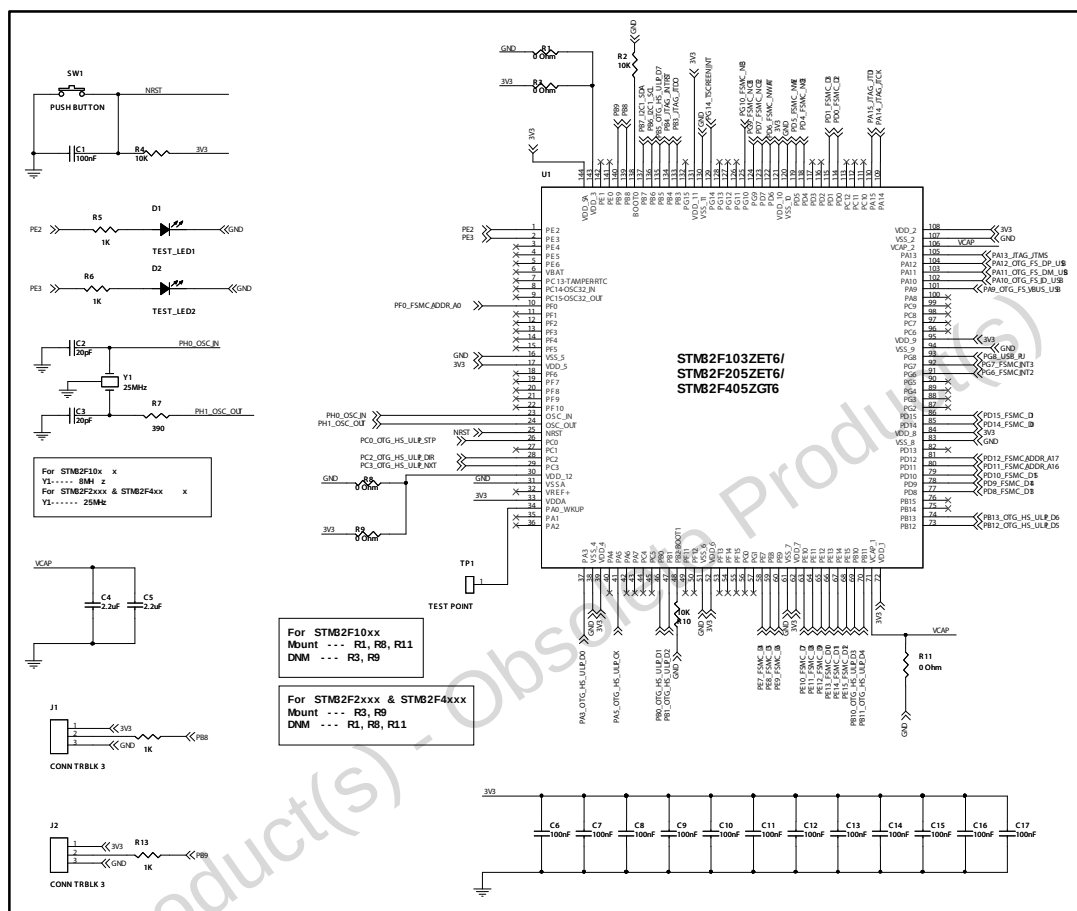
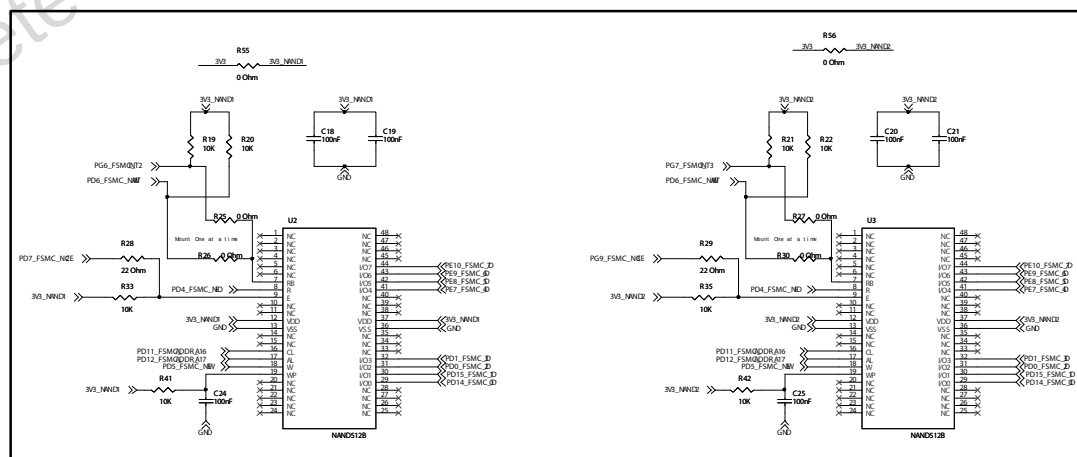
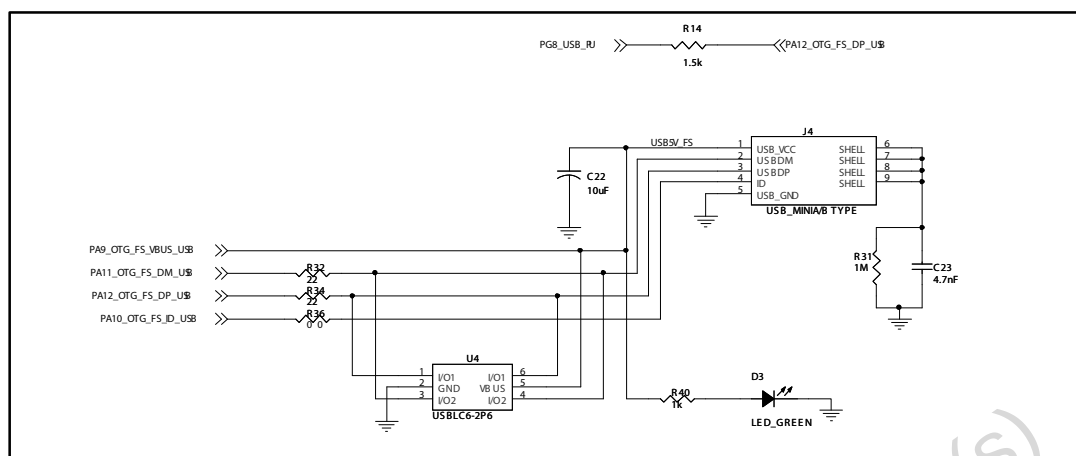


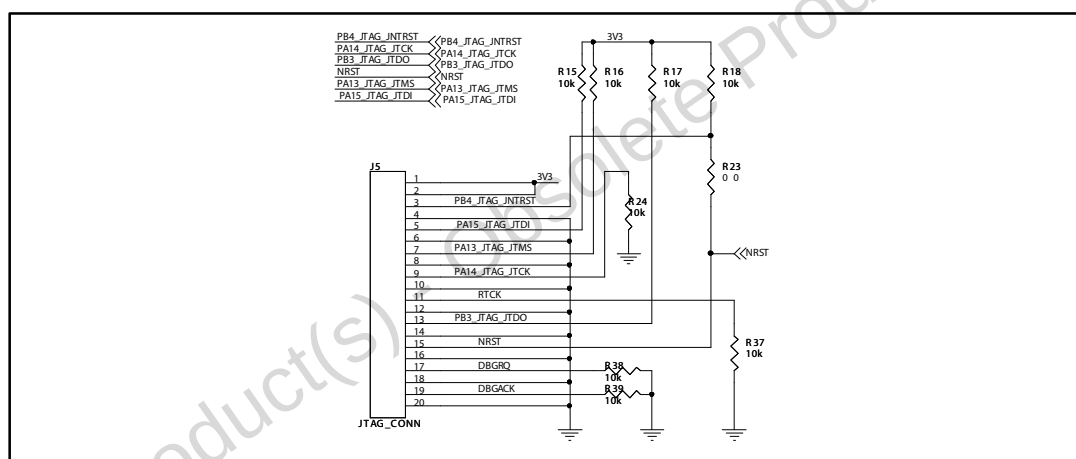
Figure 2: NAND Flash



### Figure 3: USB full speed



**Figure 4: JTAG connector**



### Figure 5: USB high speed

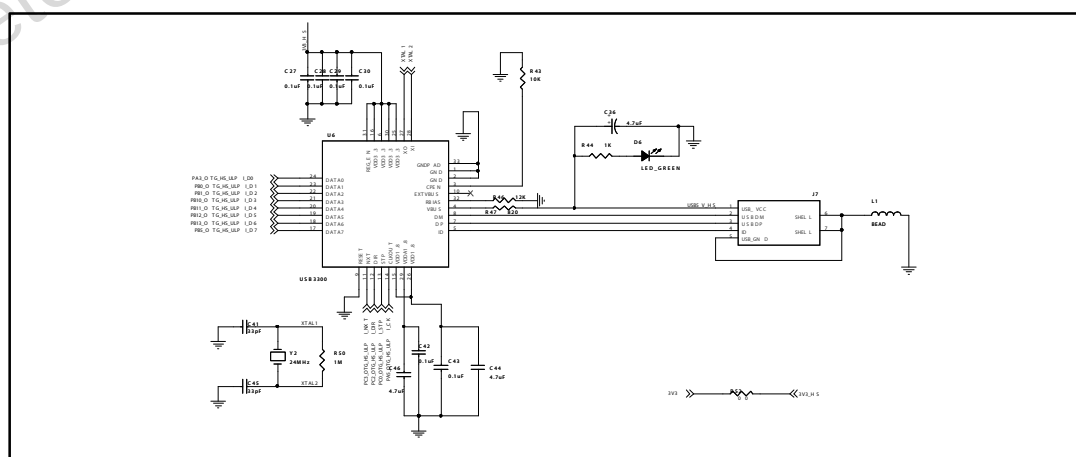


Figure 6: Touch screen controller

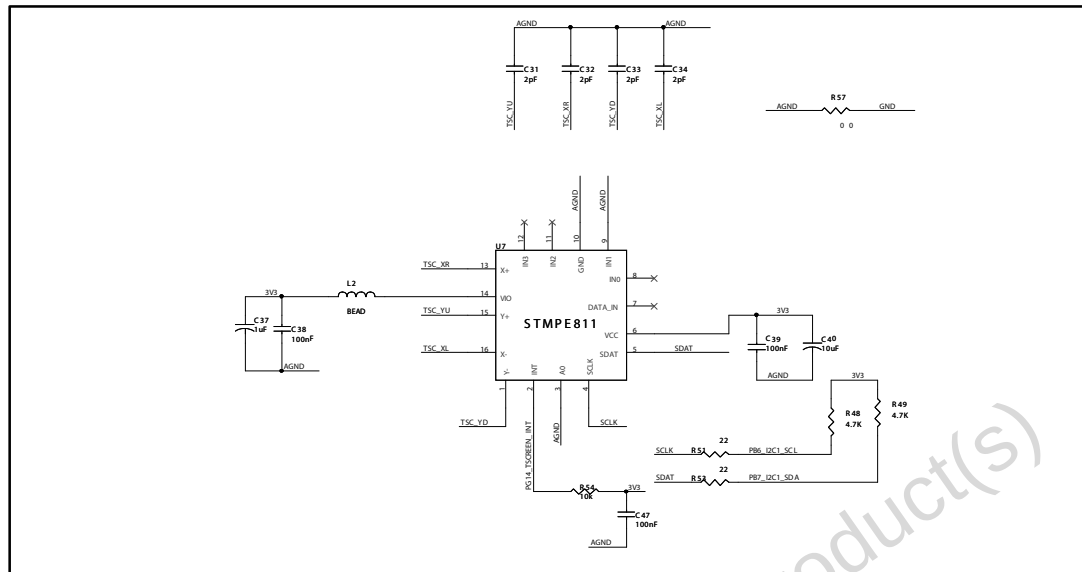


Figure 7: Power section

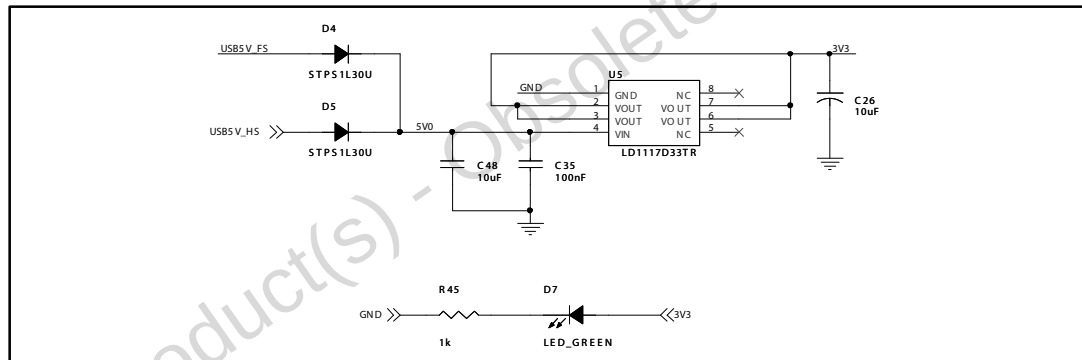


Figure 8: TFT connector

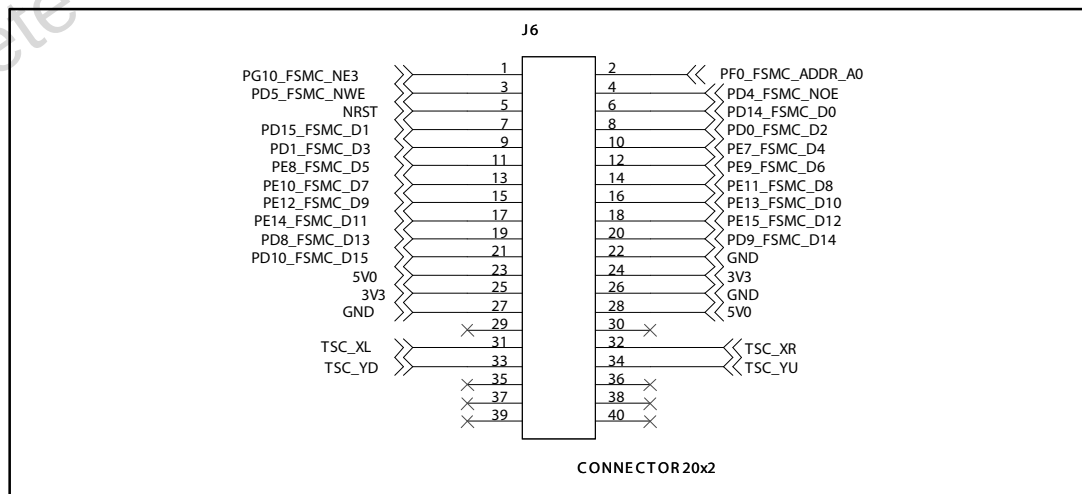
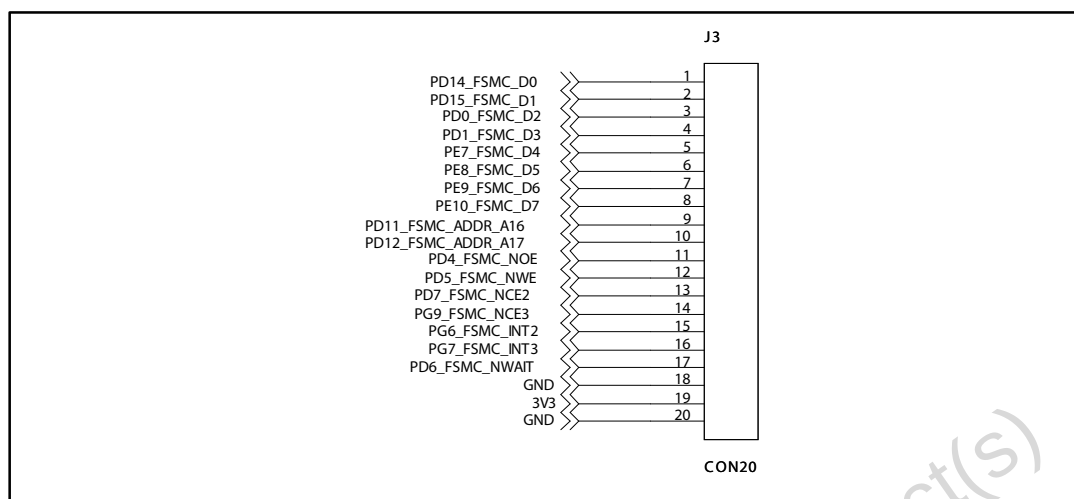


Figure 9: NAND signals



## 2 Revision history

Table 1: Document revision history

| Date        | Revision | Changes          |
|-------------|----------|------------------|
| 18-Jul-2014 | 1        | Initial release. |

Obsolete Product(s) - Obsolete Product(s)

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