

STM32L073Z-EVAL

MB1168

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Legend

General comment such as function title, configuration, ...

Text to be added to silkscreen.

Warning text.

A

Notes to generate the board layout.

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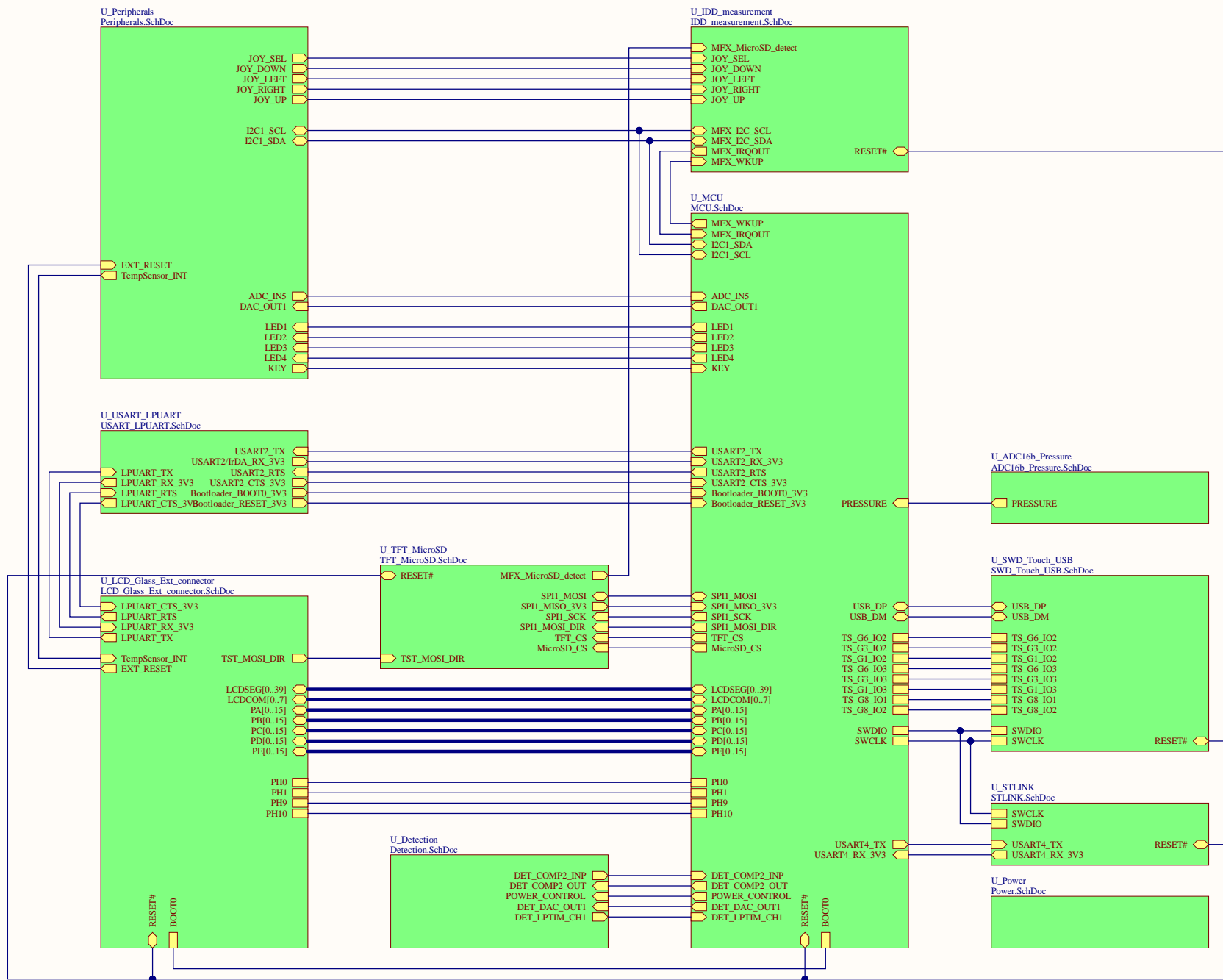
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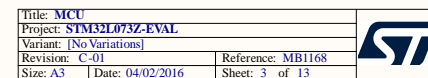
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U_Top
Top.SchDoc

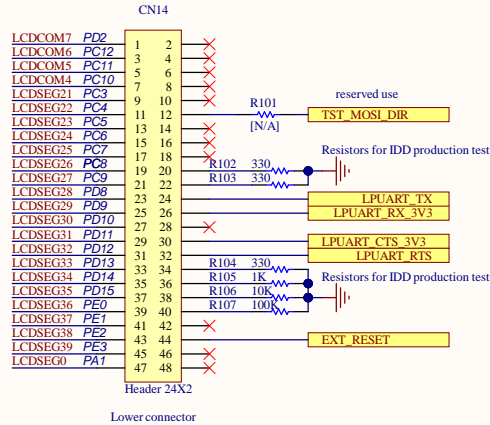
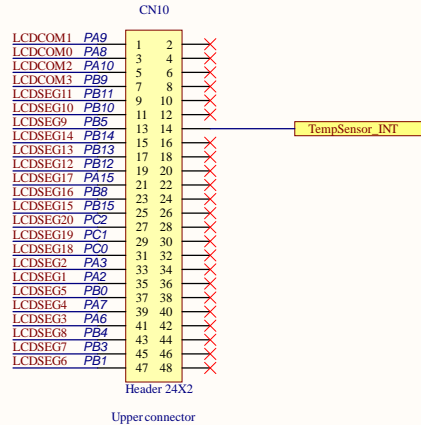
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Project: STM32L073Z-EVAL		
Variant: [No Variations]		
Revision: C-01		Reference: MB1168
Size: A4	Date: 04/02/2016	Sheet: 1 of 13



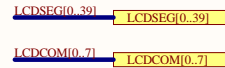
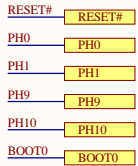
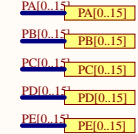
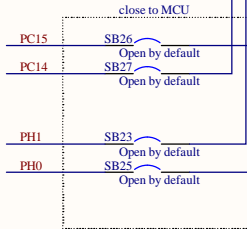
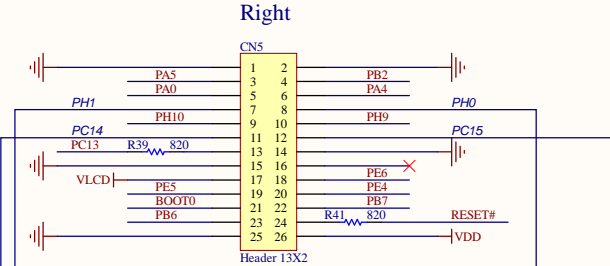
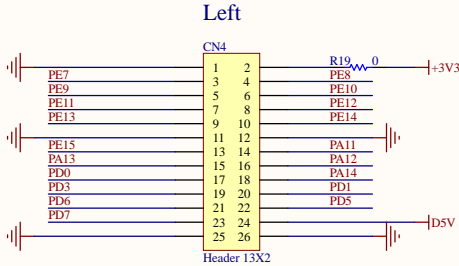


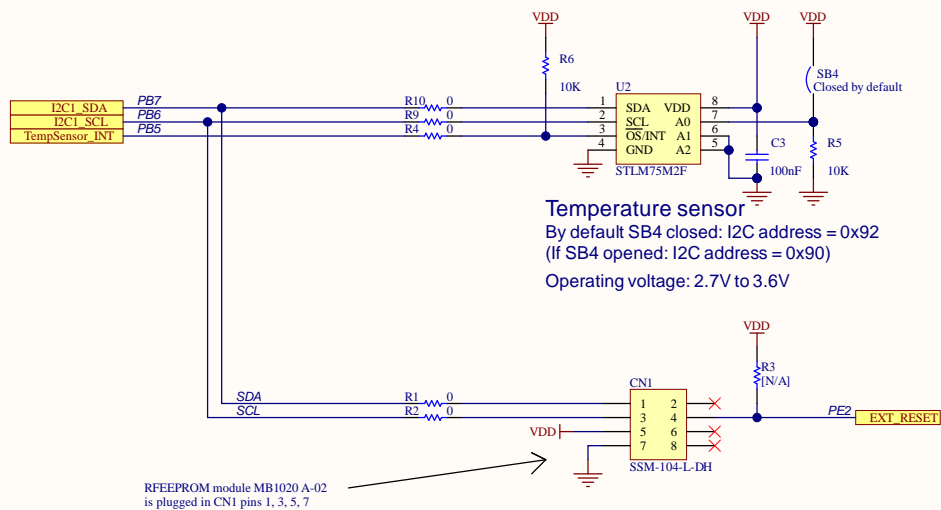
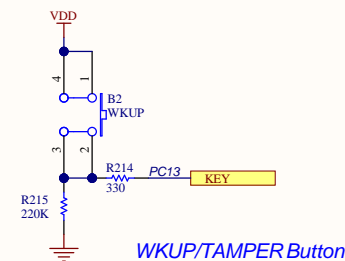
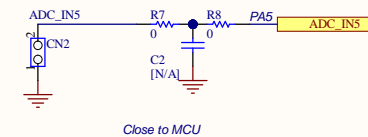
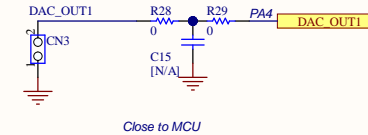
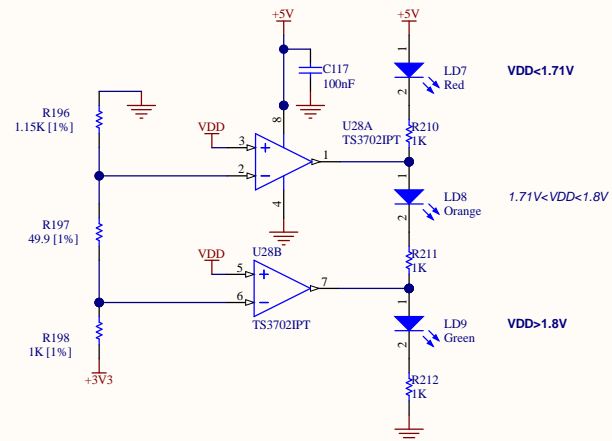
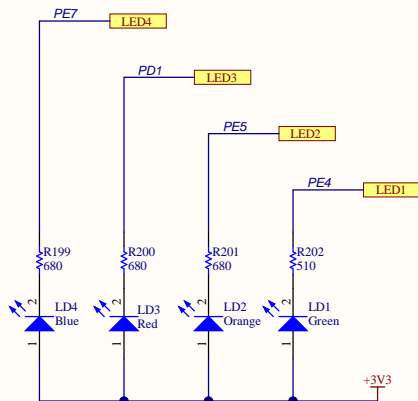


LCD Glass Connectors for module MB979



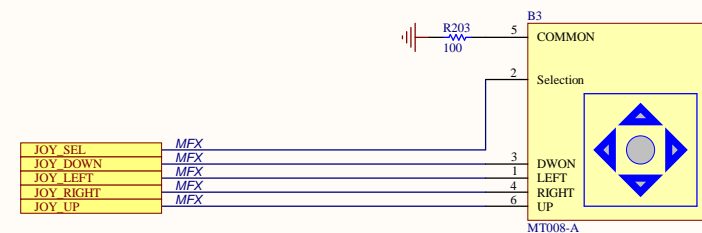
Extension connectors

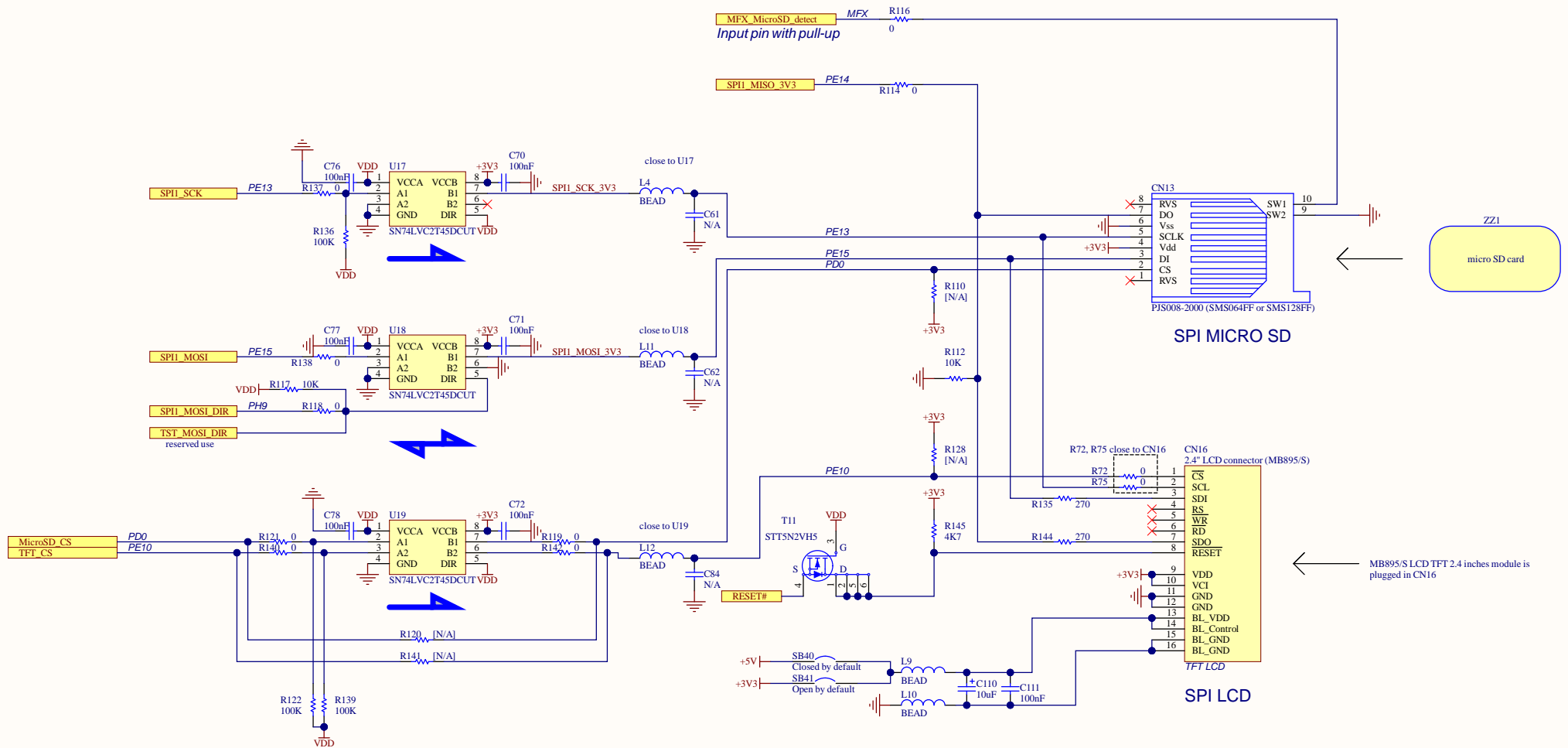


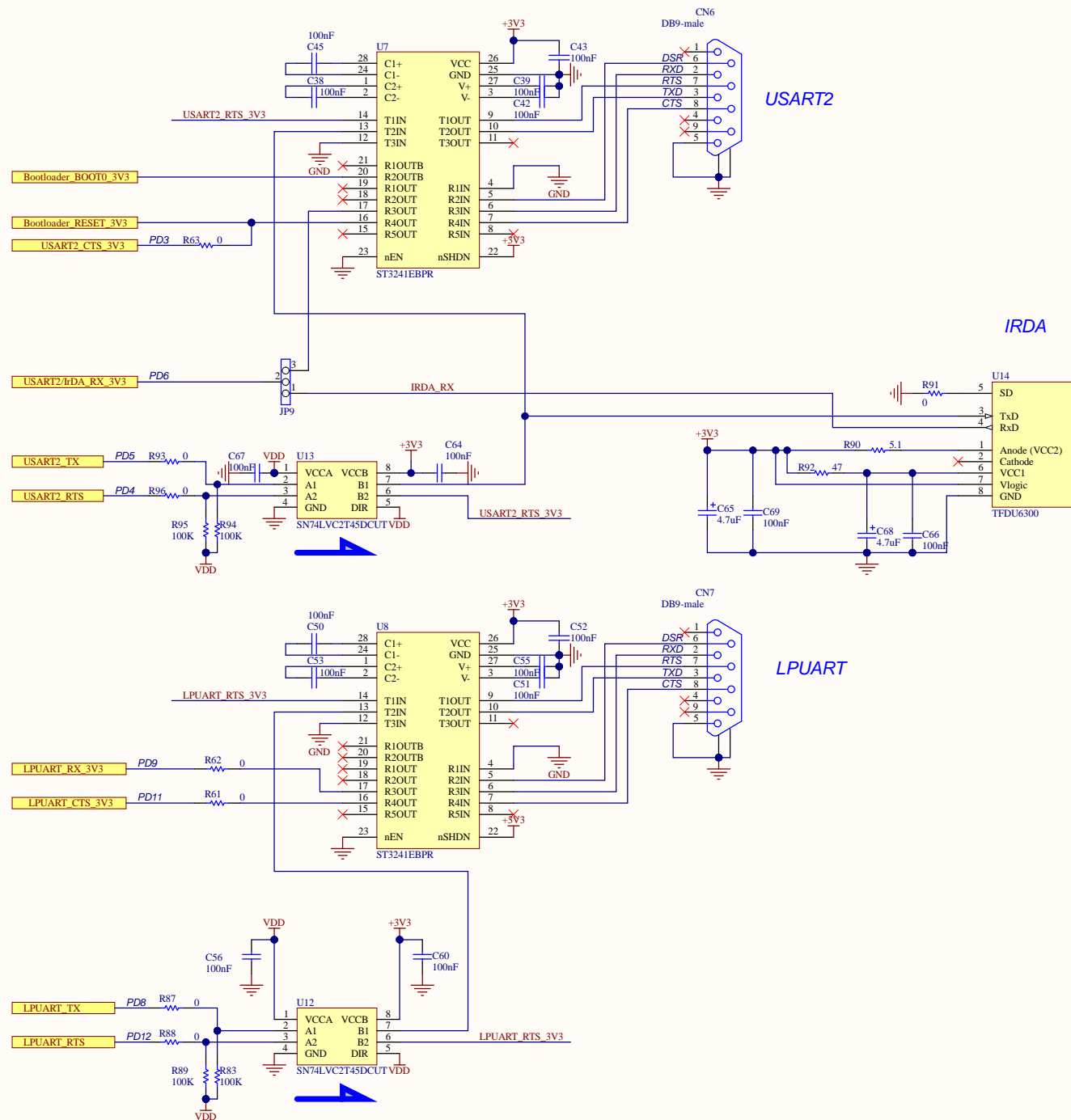


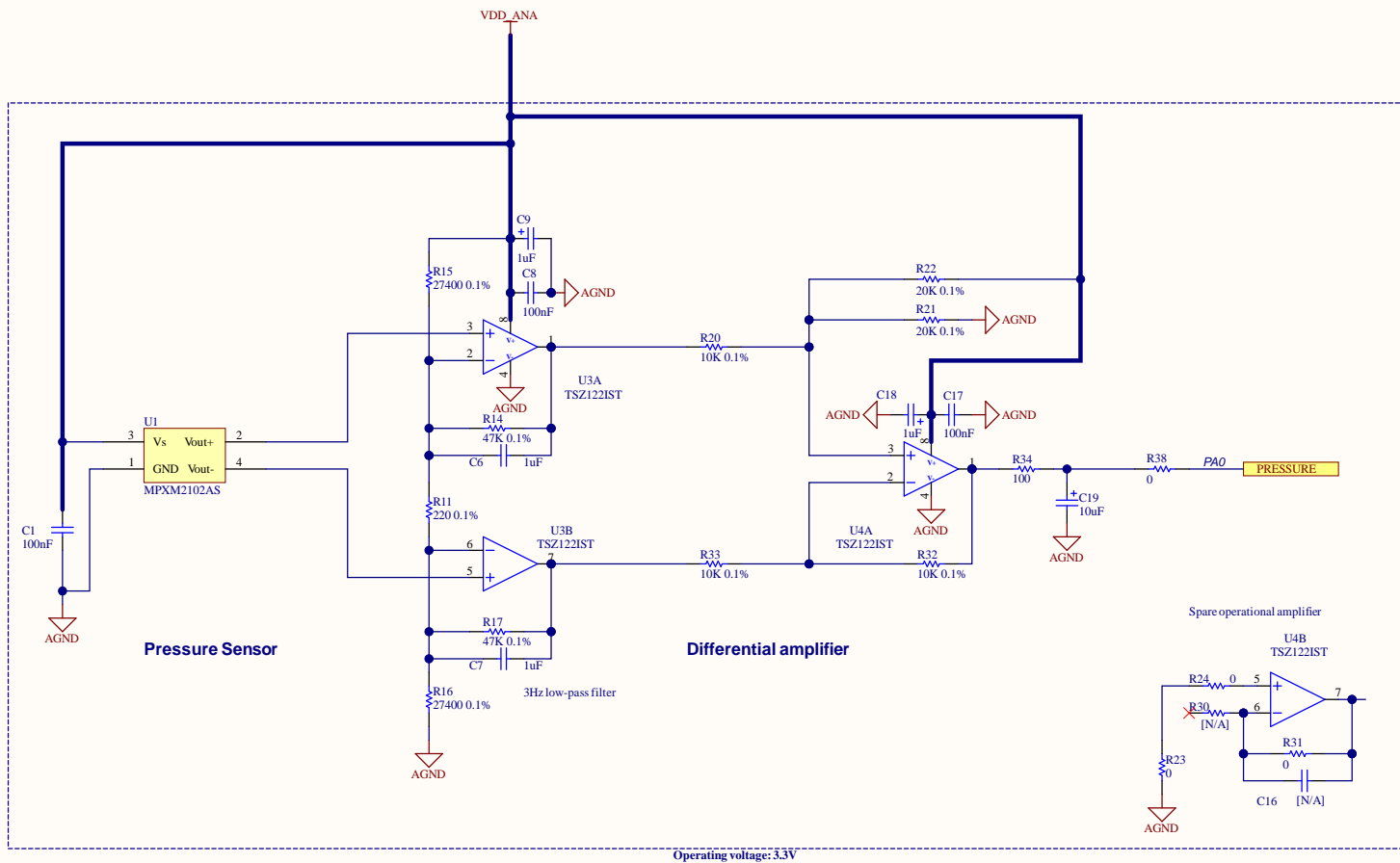
RFEEPROM module MB1020 A-02 is plugged in CN1 pins 1, 3, 5, 7

RFEEPROM & Extension Connector
RF EEPROM MB1020 A-02 I2C address=0xA6

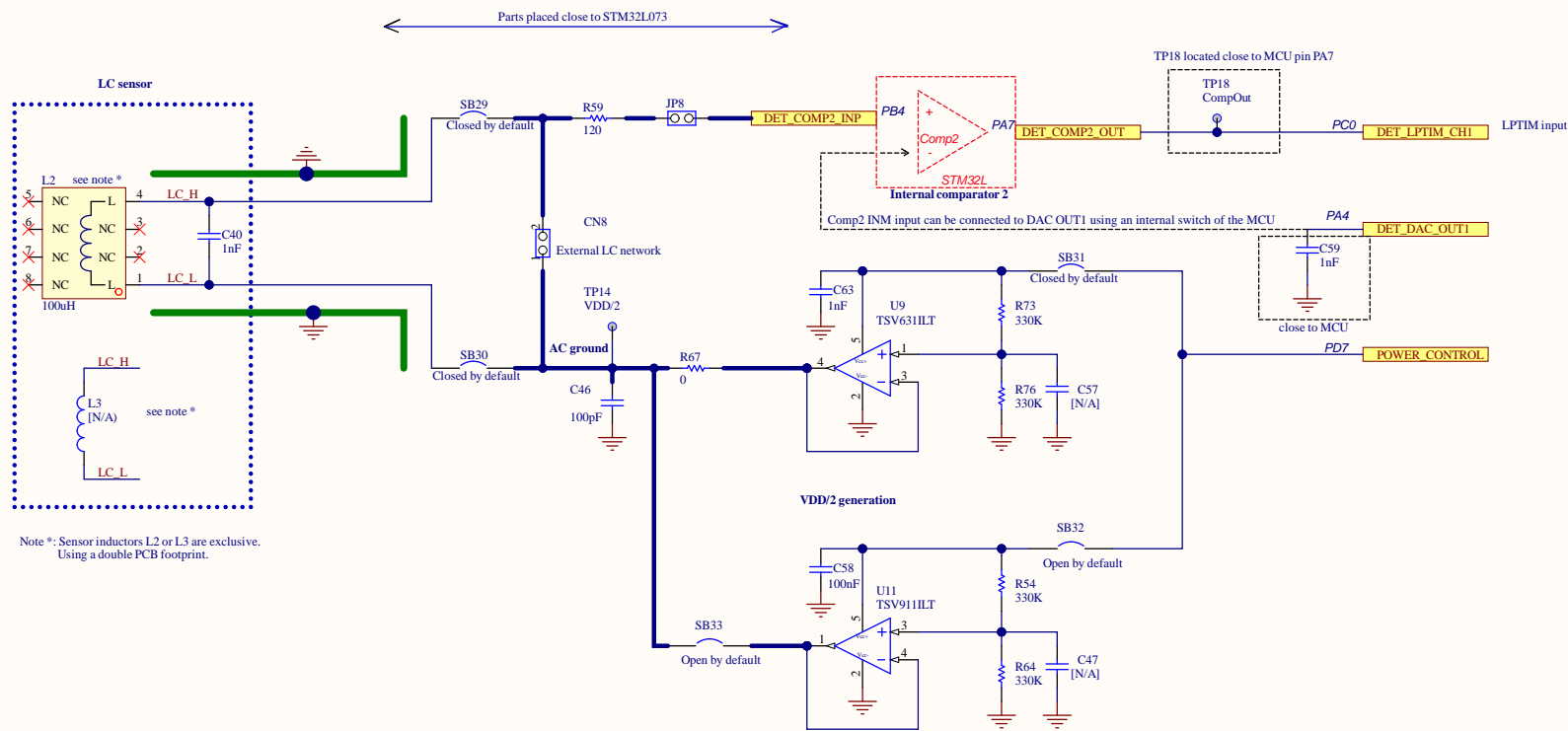




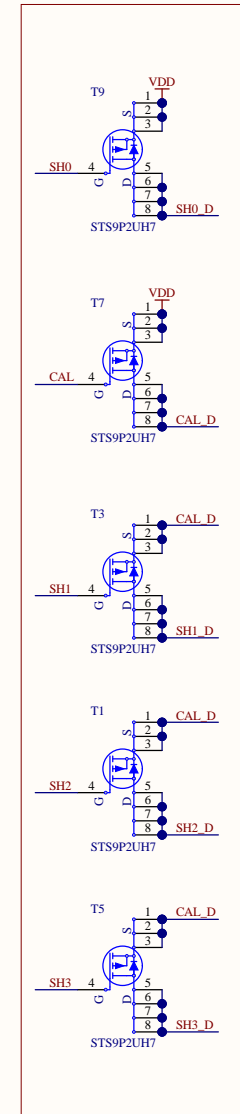
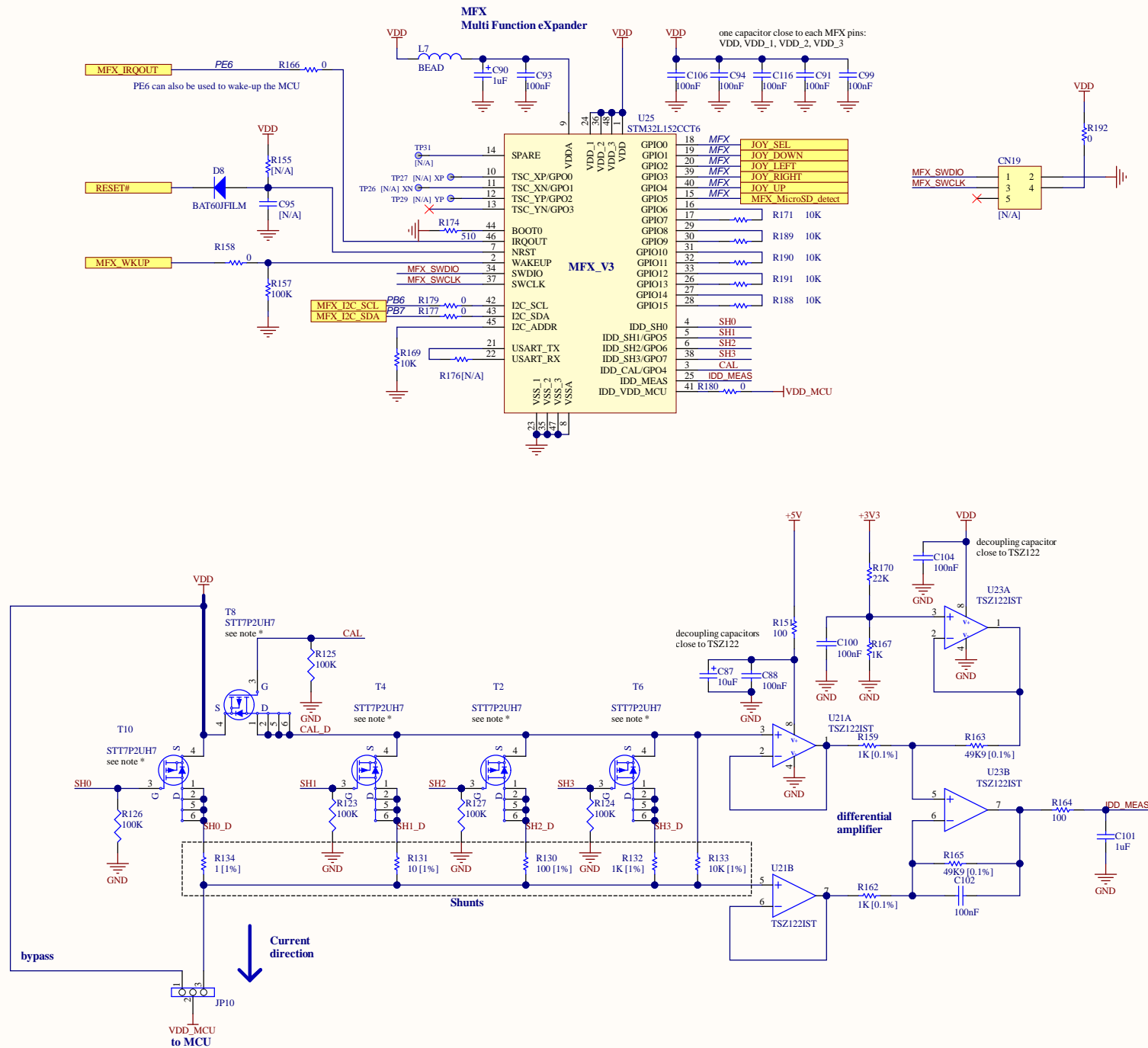




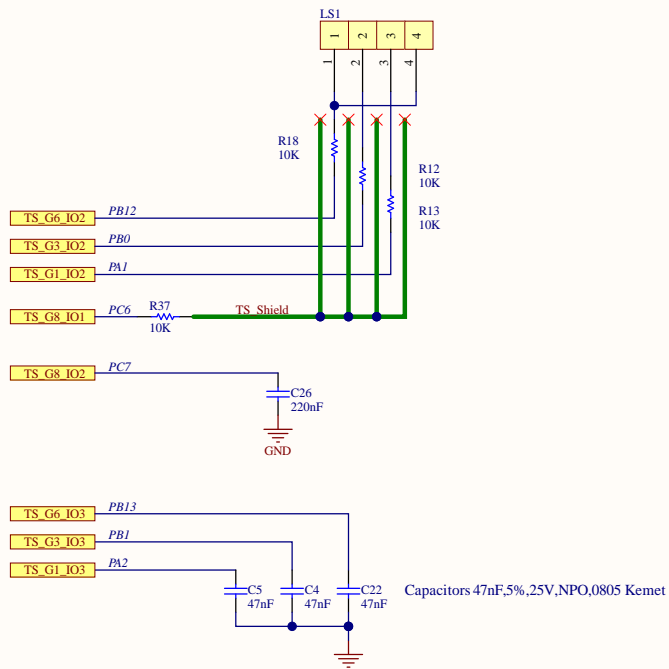
- AGND is the local ground plane of this section
- AGND local ground plane is connected to GND by default using solder bridges SB1, SB2, SB3, SB19, SB20, SB21 or by a ferrite bead L1. (refer to Power sheet)
- VDD_ANA is distributed in star scheme



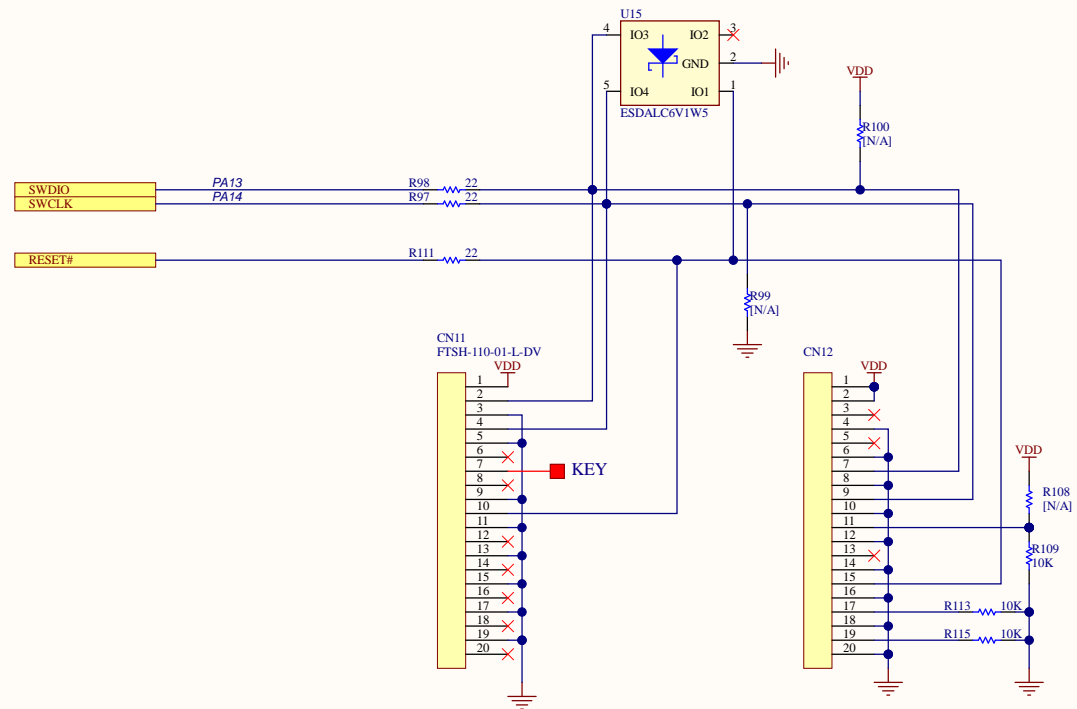
Note *: Sensor inductors L2 or L3 are exclusive.
Using a double PCB footprint.



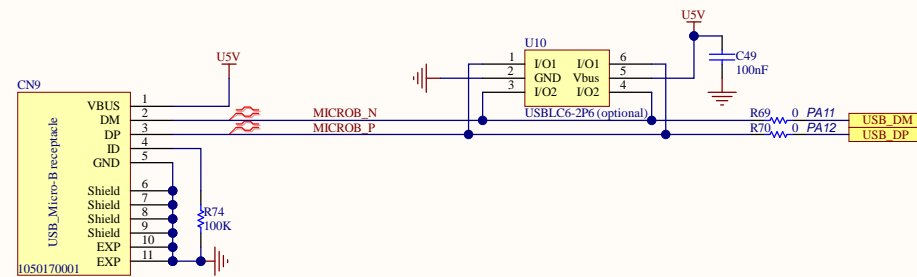
Note *: two footprints superimposed allows to populate also with SO-8 package P. MOS transistors: STS7P2UH7, STS9P2UH7.



4 buttons touch sensing slider



SWD connectors



USB

