

STM32L496G-DISCO

MB1261

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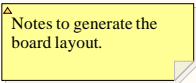
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Legend

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

Text to be added to silkscreen.

Warning text.



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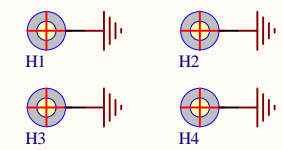
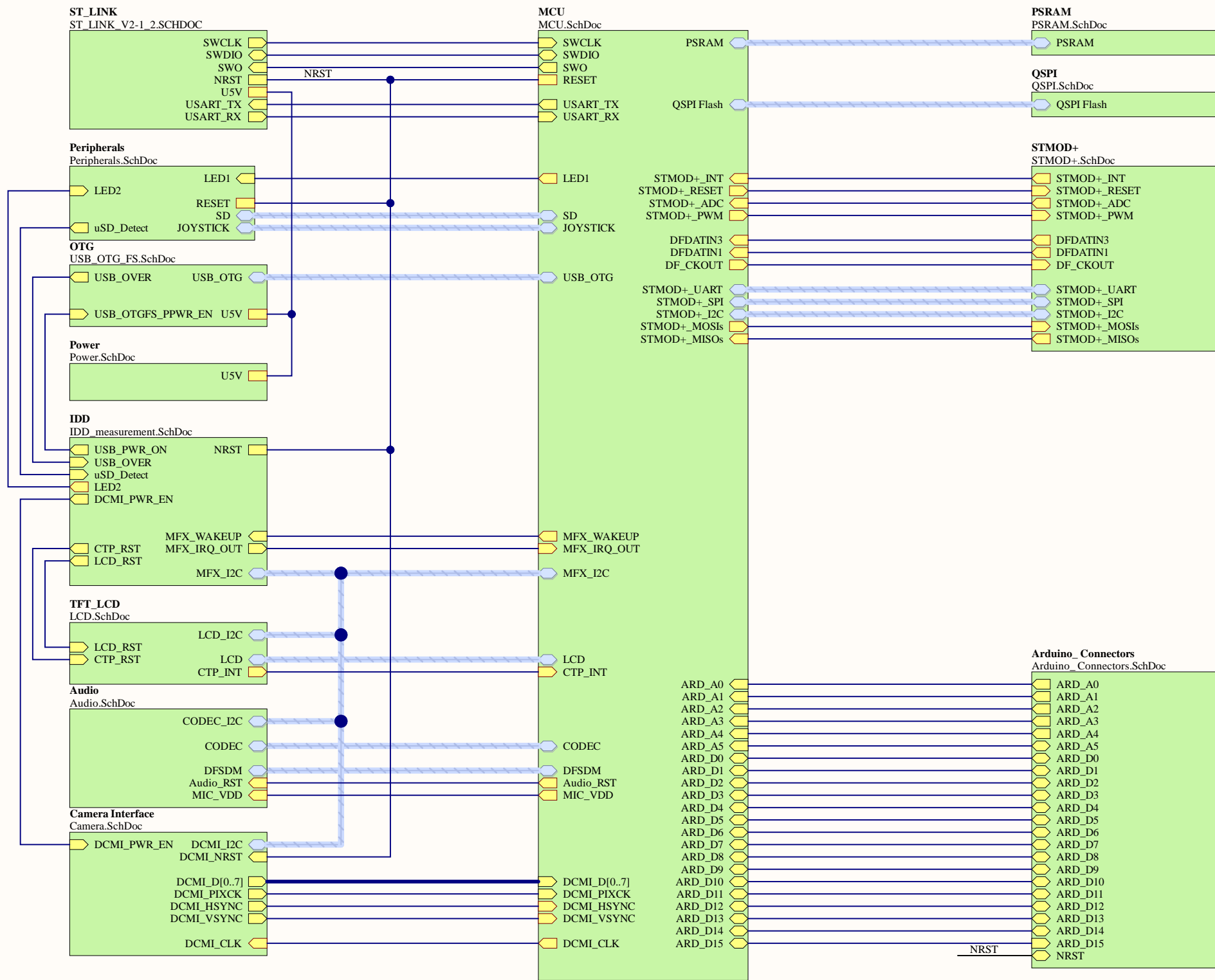
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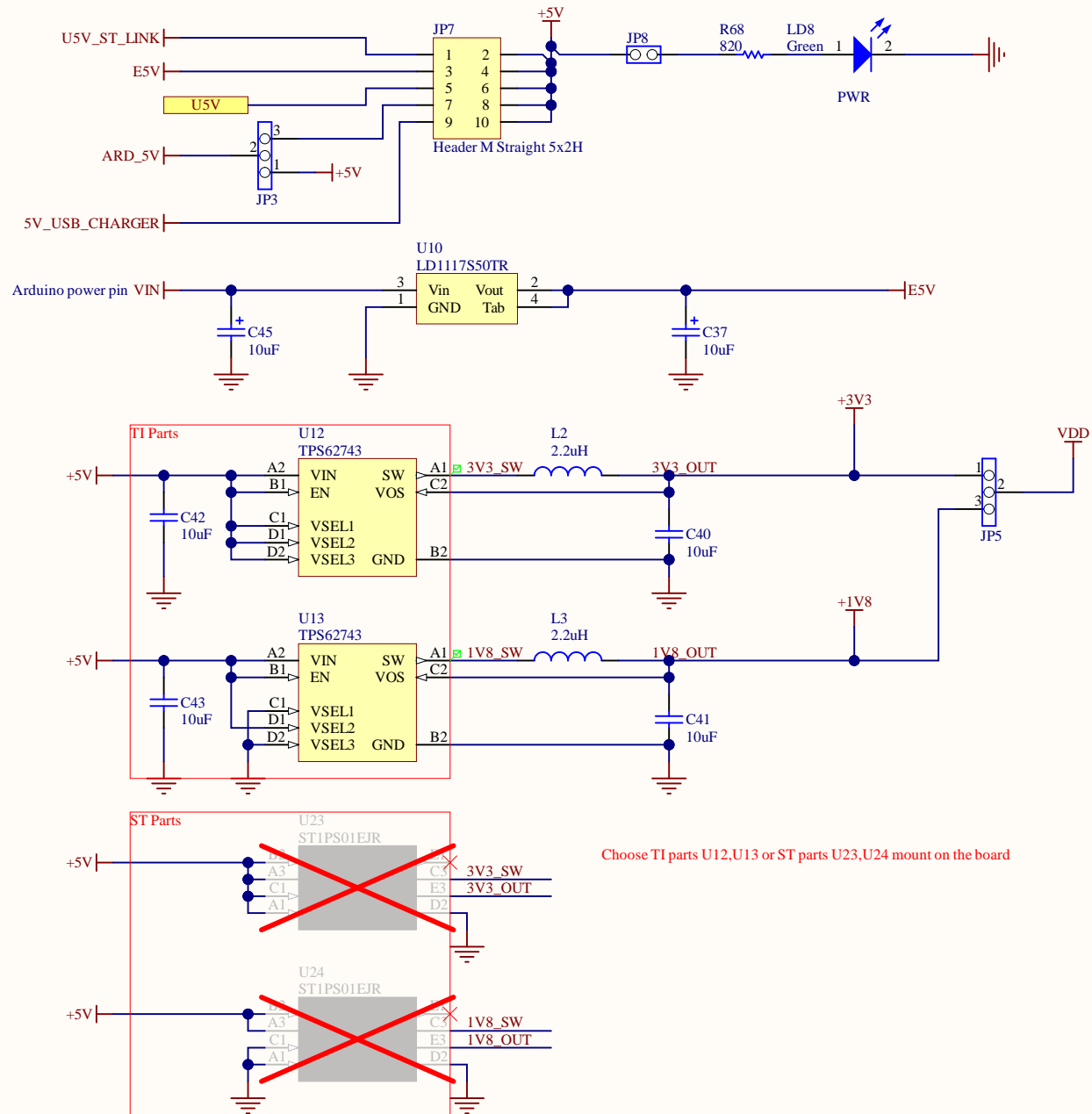
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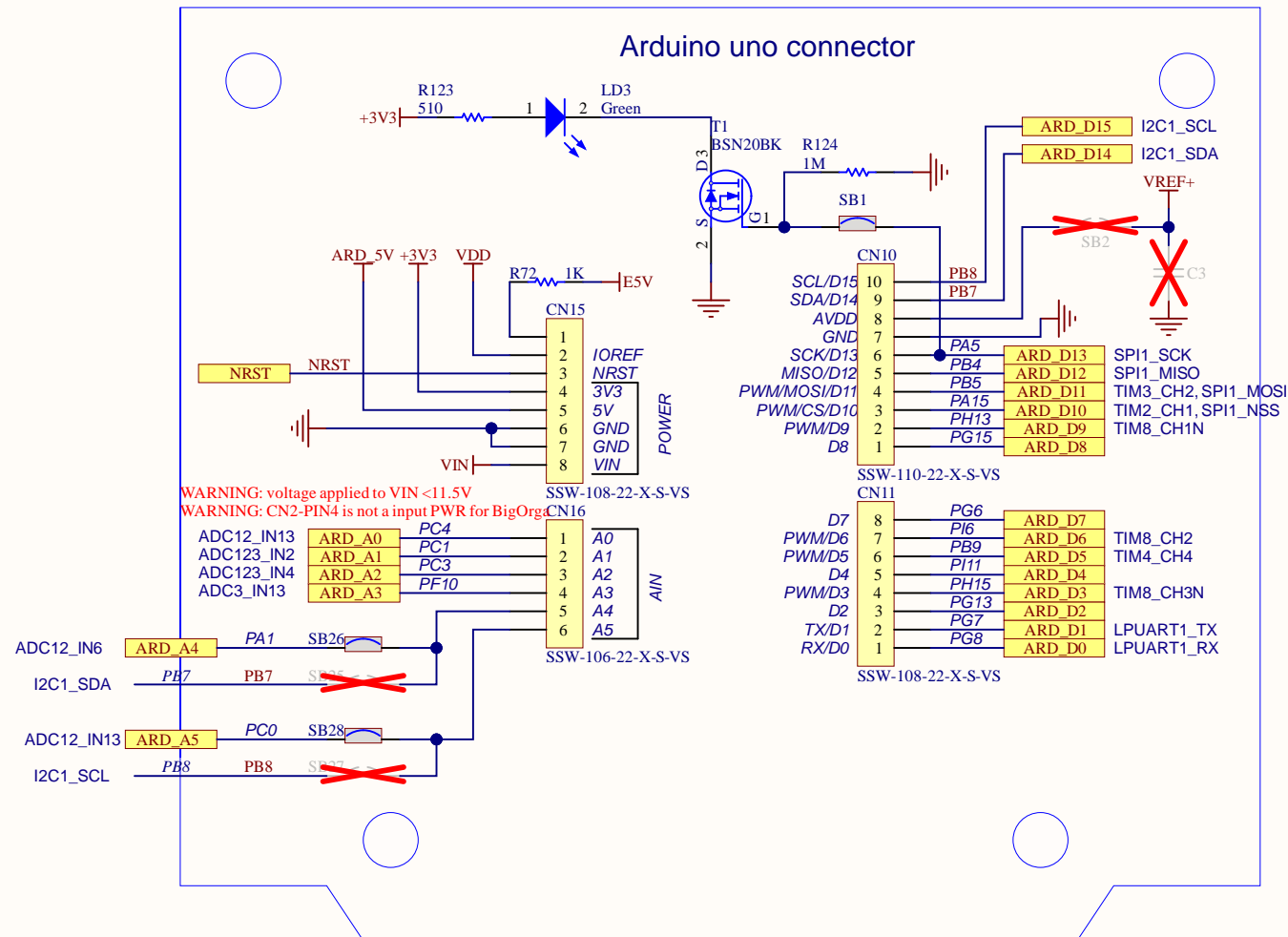


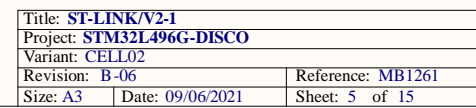
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Project: STM32L496G-DISCO		
Variant: CELL02		
Revision: B-06		Reference: MB1261
Size: A4	Date: 09/06/2021	Sheet: 1 of 15

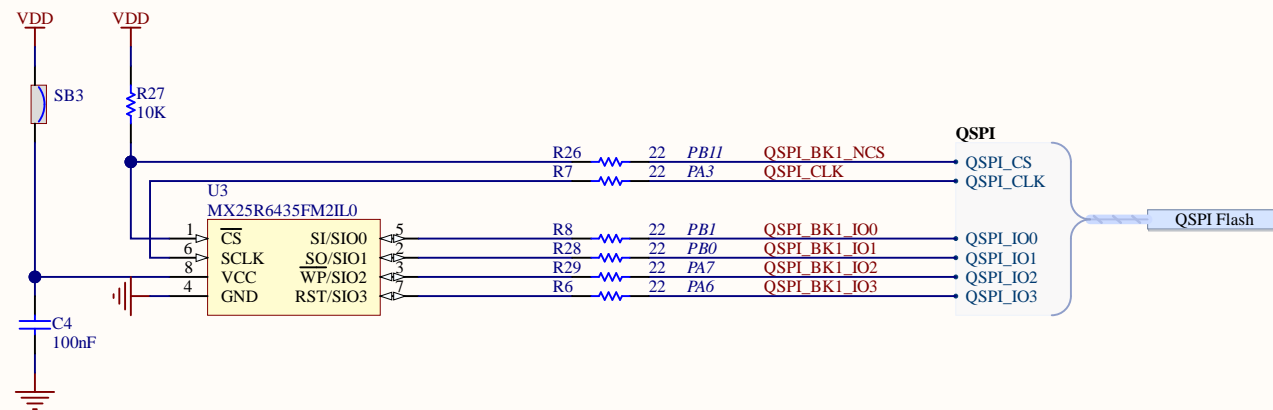


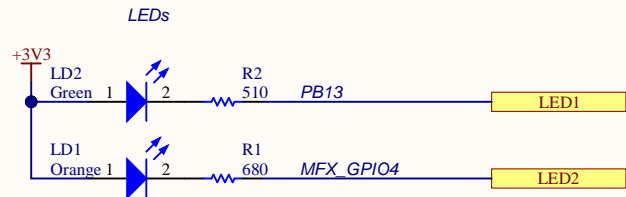
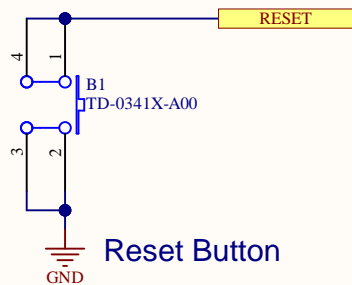






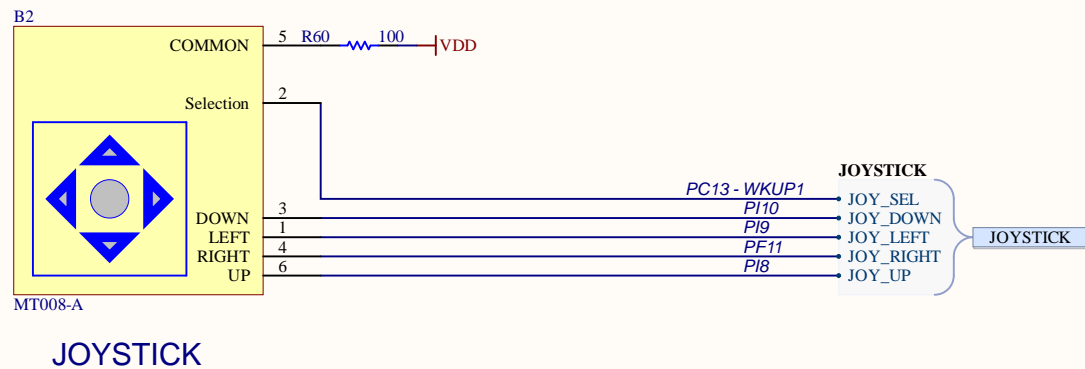
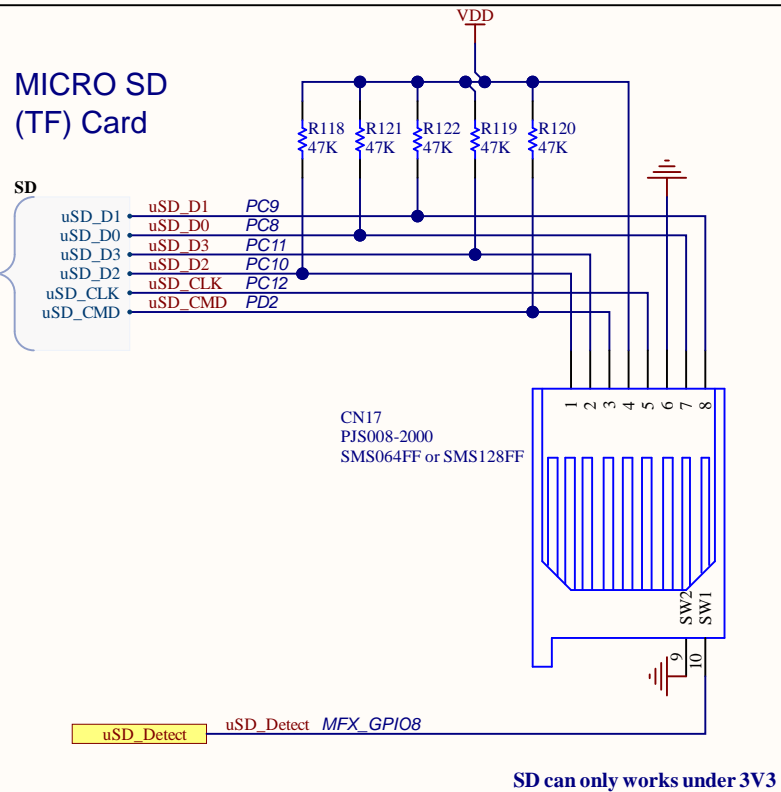


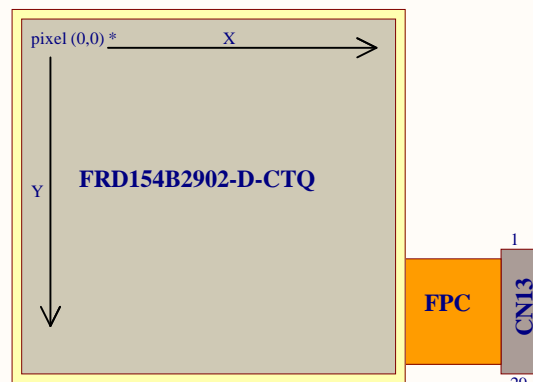




The 2 LEDs are top side

MICRO SD (TF) Card



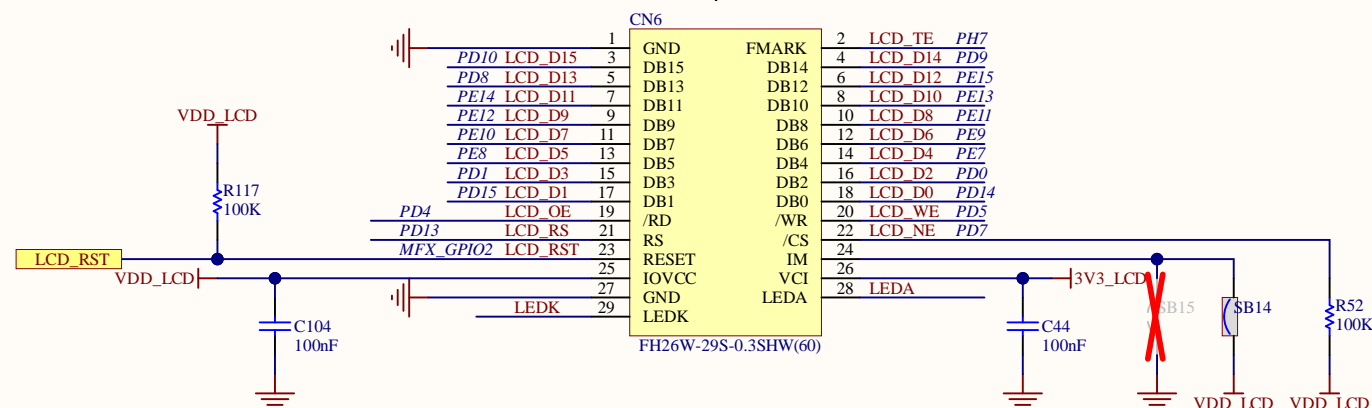


*: standard orientation. Rotations by 90, 180, 270 degrees possible by registers.

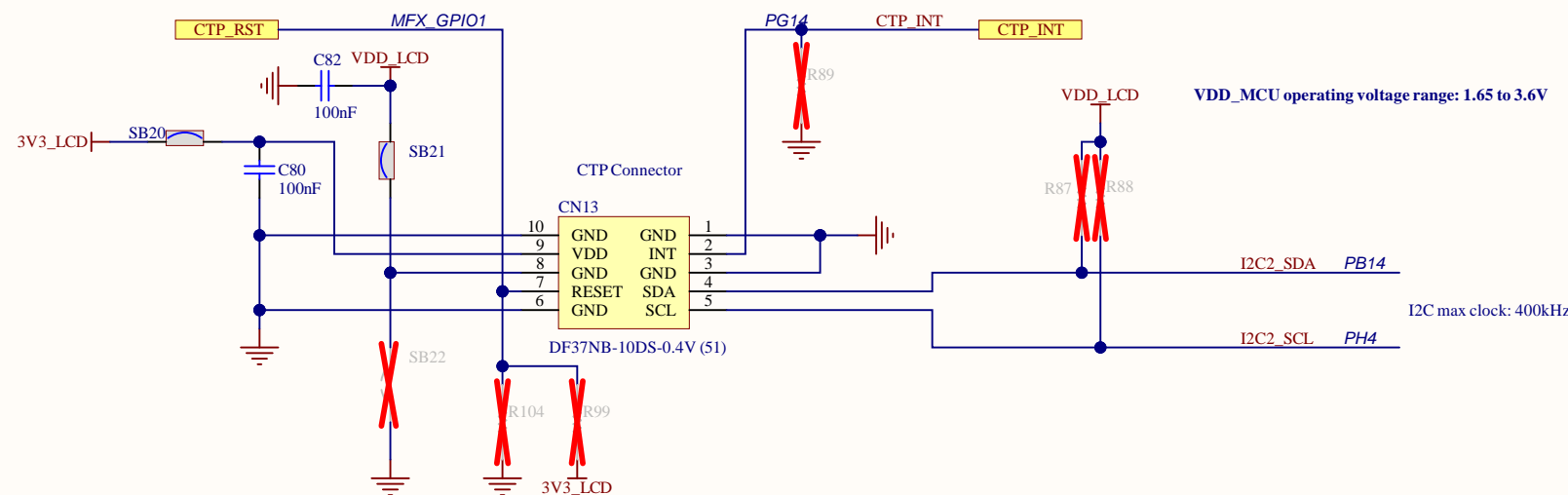
240x240 pixels TFT LCD

ZZ1

FRIDA FRD154B2902-D-CTQ

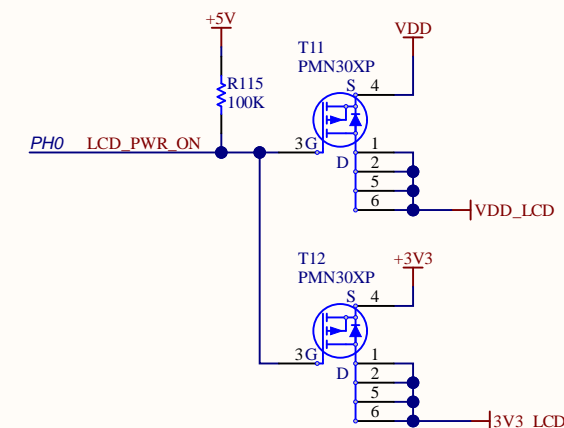


SB28 open and SB27 closed = IM high: LCD in 16bits mode
SB28 closed and SB27 opened = IMlow : LCD in 8bits mode

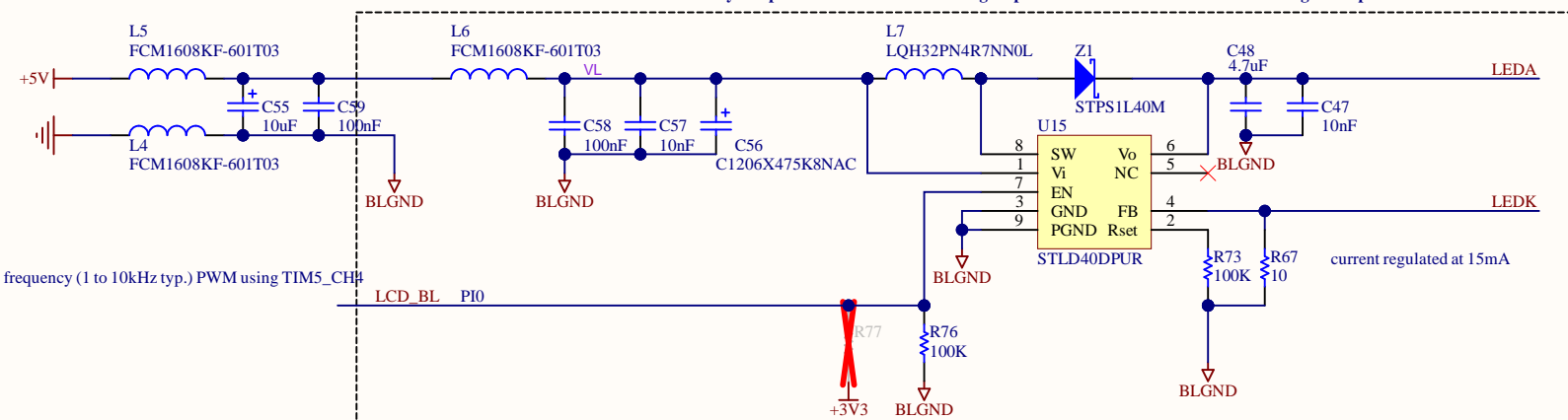


VDD_MCU operating voltage range: 1.65 to 3.6V

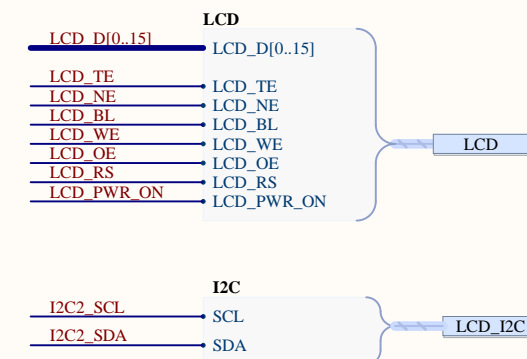
I2C max clock: 400kHz



Layout: parts close to STLD40D and grouped in same area with BLGND as local ground plane



Backlight driver & PFC connector for LCD panel



Backlight control: ON/OFF or dimmer by low frequency (1 to 10kHz typ.) PWM using TIM5_CH1

