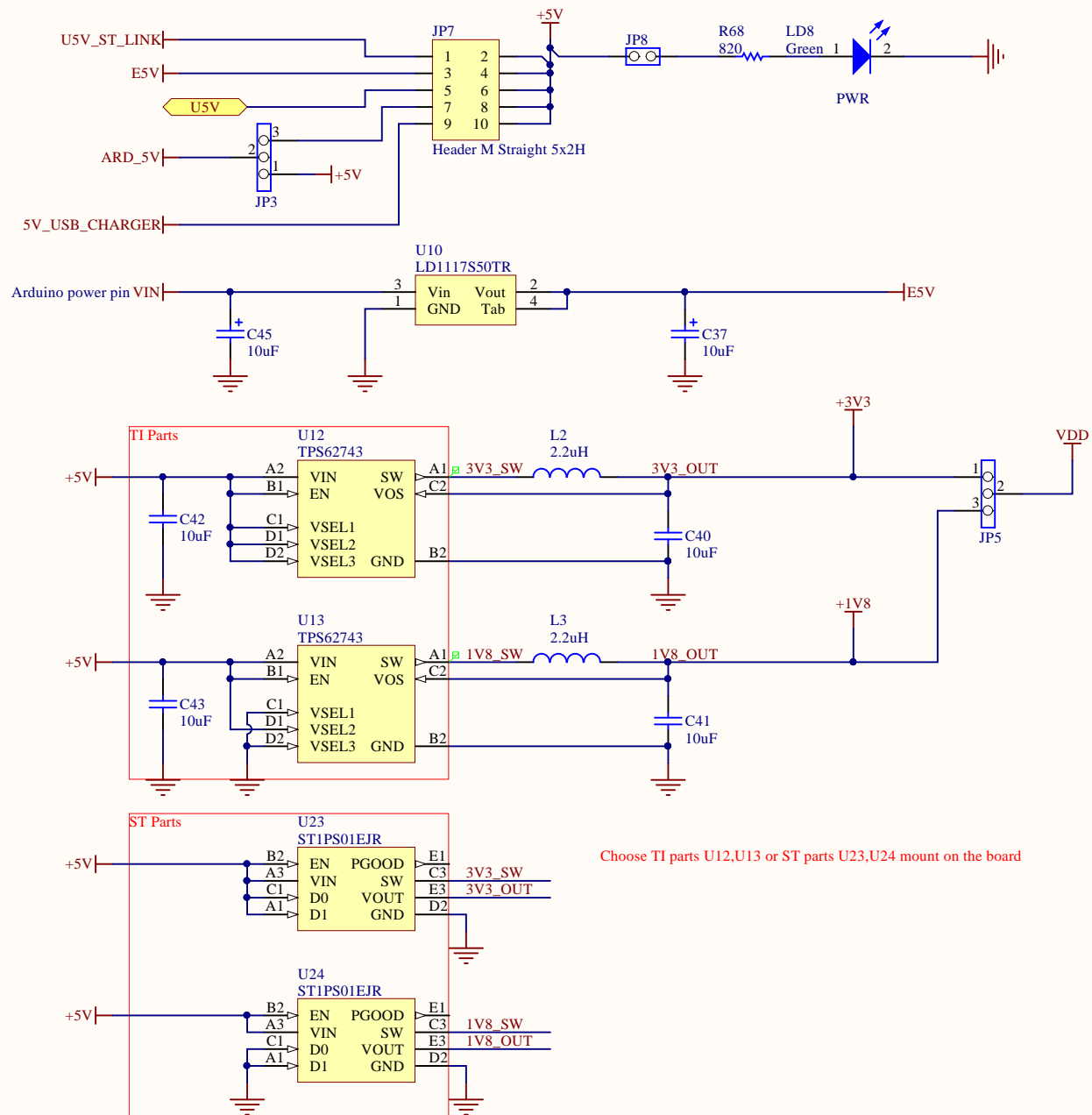
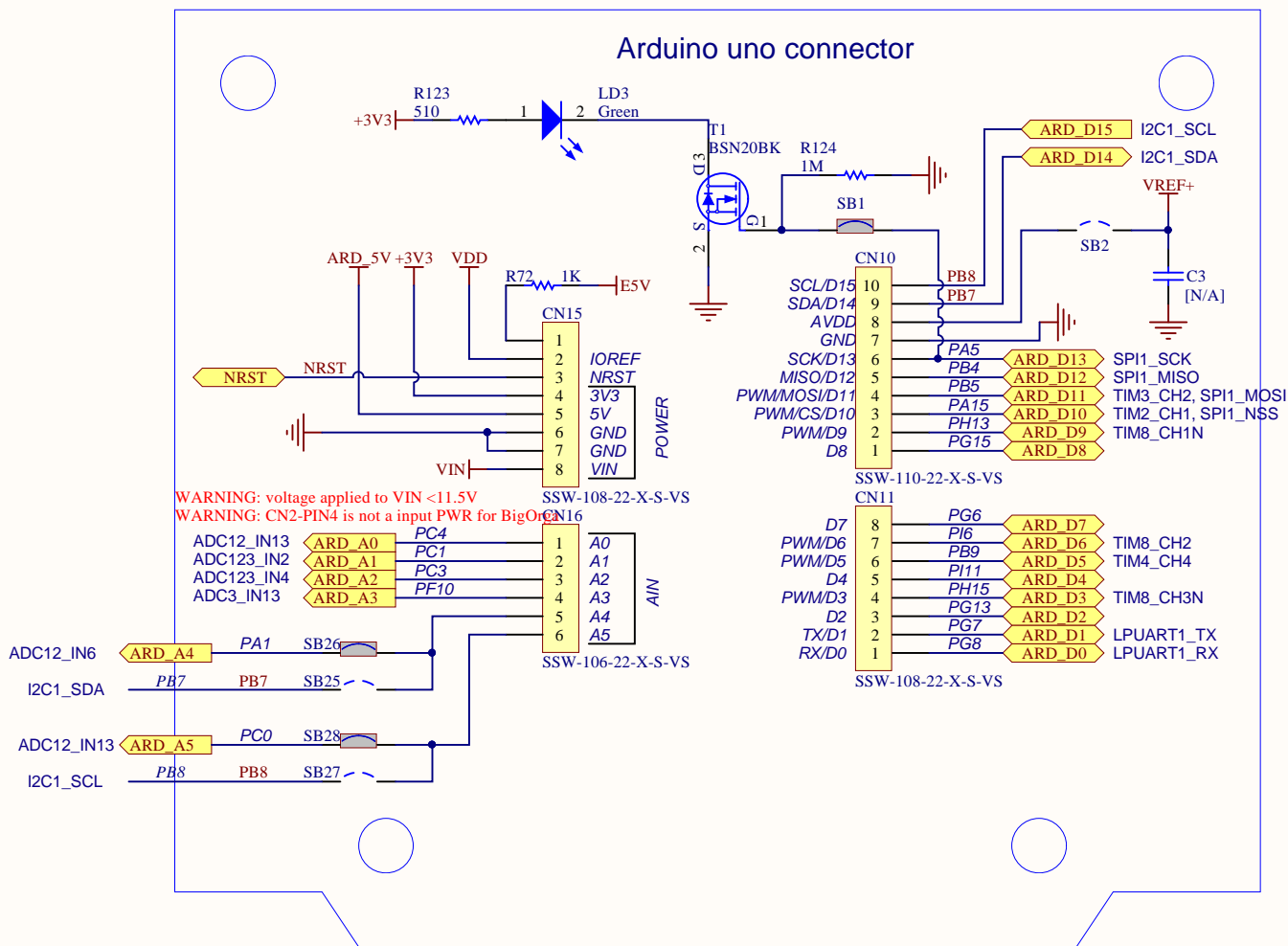
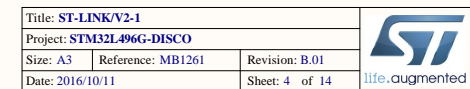
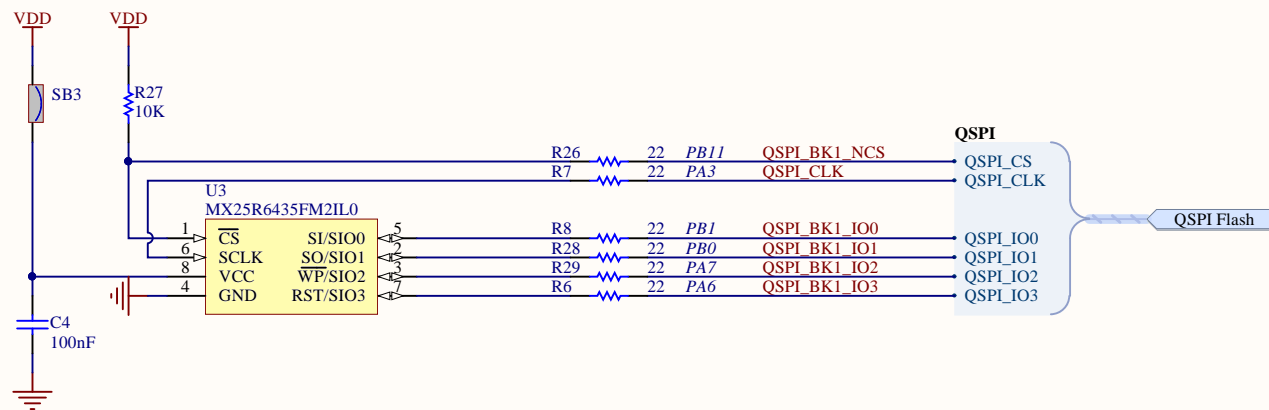


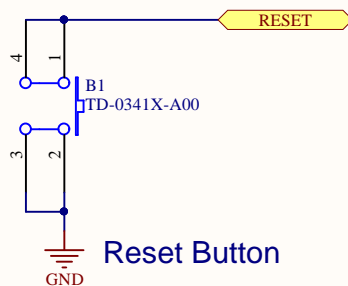
- Rev A.01 --> MB1261 B.01
- 1: Updated back light name port from PA5 to PI0
  - 2: Updated CN2 name from PMOD+ to STMOD
  - 3: Pull-up EN pin of USB power switch (U14) to 5V instead of 3V3
  - 4: Swap "MFX\_IRQ\_OUT" and "MFX\_WAKEUP"
  - 5: Connect 4 fix holes to GND
  - 6: Replace PA0 (MFX\_aGPIO0) with PA1 (MFX\_aGPIO1)
  - 7: Replace FMC\_A0 (PF0) with FMC\_A18 (PD13)
  - 8: Replace load capacitors C9&C11 to 5.6pF
  - 9: Removed MOSFET T1 and R9/R10/R11/R61/R39/R19/R38/R40/R108
  - 10: Connect PG9 to CS1 of PSRAM via R12 & a two-pin jumper in parallel. Add possibility to power PSRAM by either 3V3 or VDD\_LCD
  - 11: Updated R18 to N/A, SB2 to OPEN, SB23 to JP10, Connect VDDA to VDD\_USB instead of VDD\_MCU
  - 12: N-MOSFET BSN20 added to drive LD3
  - 13: Added USBLC6-2SC6 for ST-LINK USB



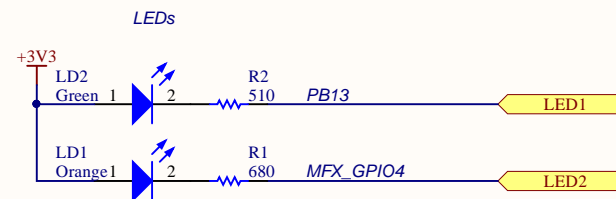






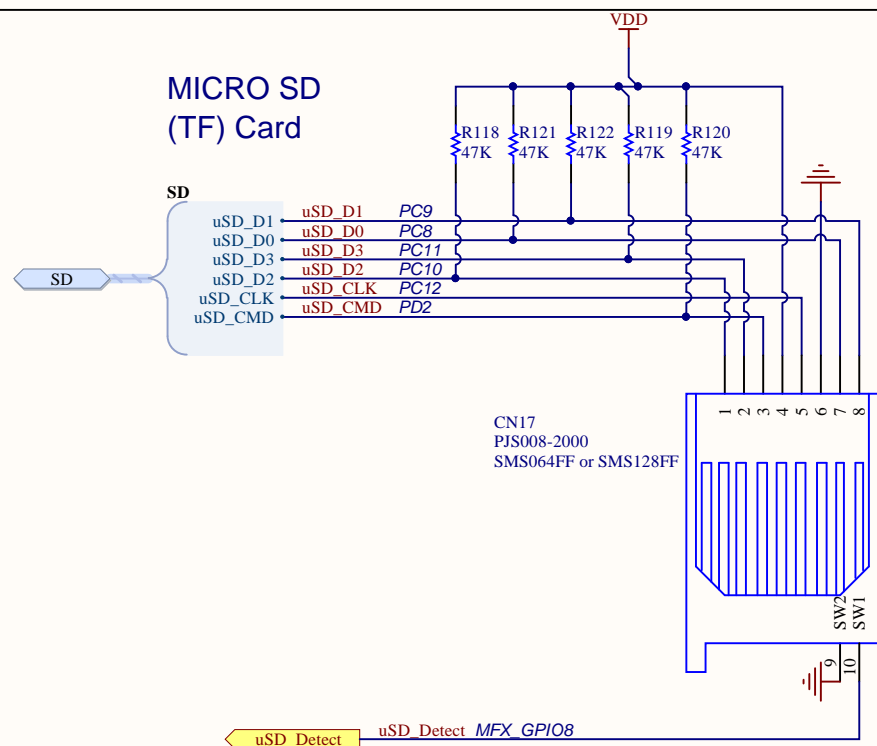


Reset Button

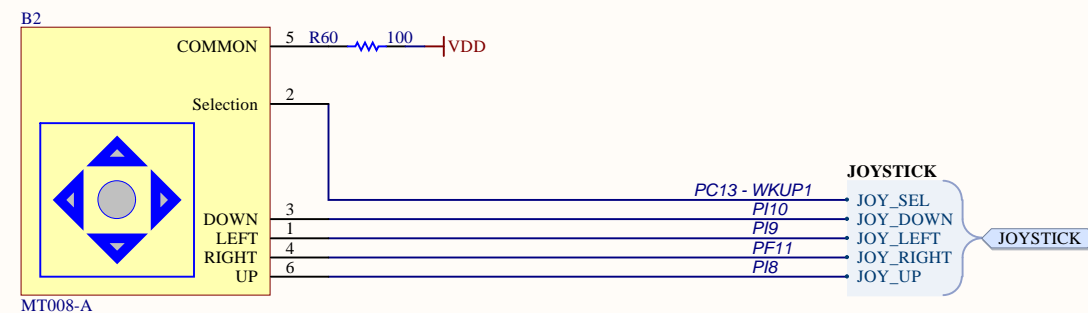


The 2 LEDs are top side

## MICRO SD (TF) Card

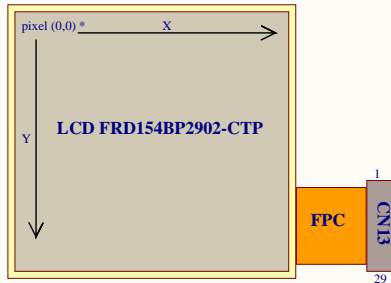


SD can only works under 3V3



JOYSTICK



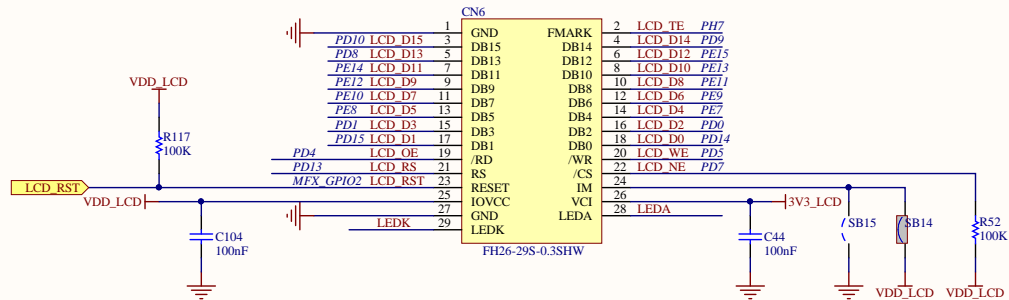


\*: standard orientation. Rotations by 90, 180, 270 degrees possible by registers.

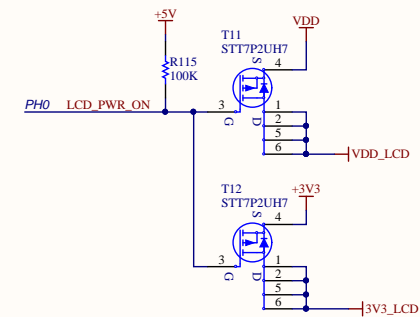
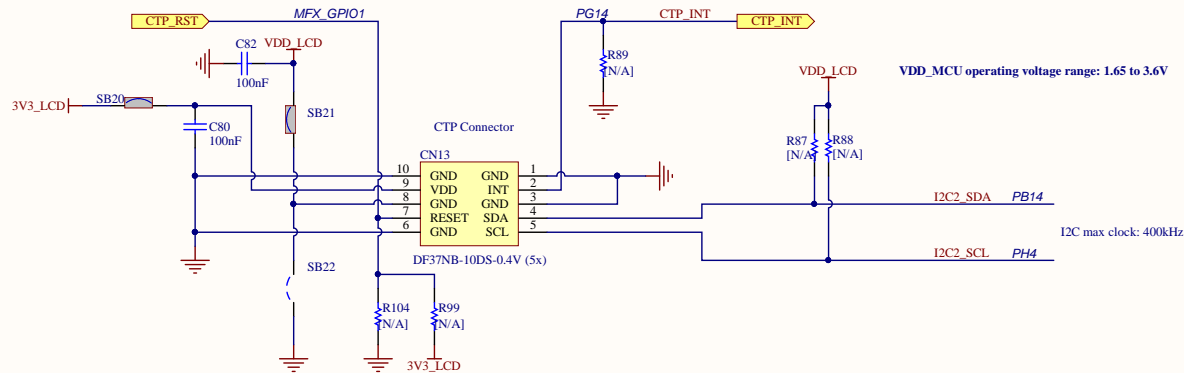
240x240 pixels TFT LCD

ZZ1

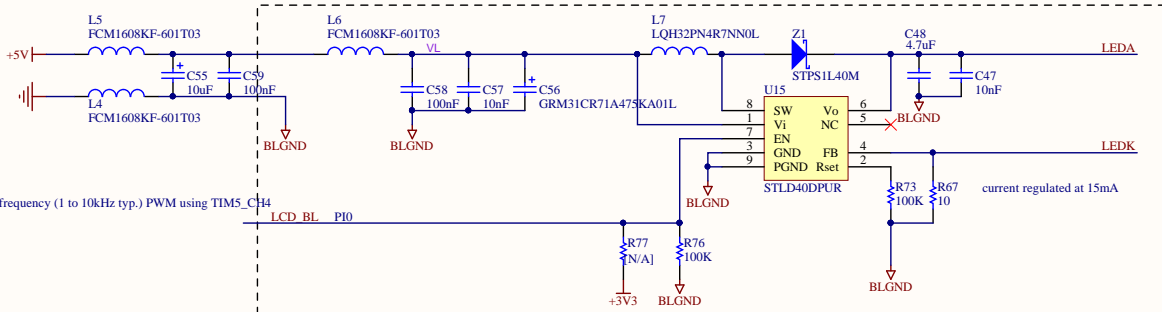
FRIDA FRD154BP2902-CTP



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



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



Backlight control: ON/OFF or dimmer by low frequency (1 to 10kHz typ.) PWM using TIM5\_C34

Backlight driver & PFC connector for LCD panel

