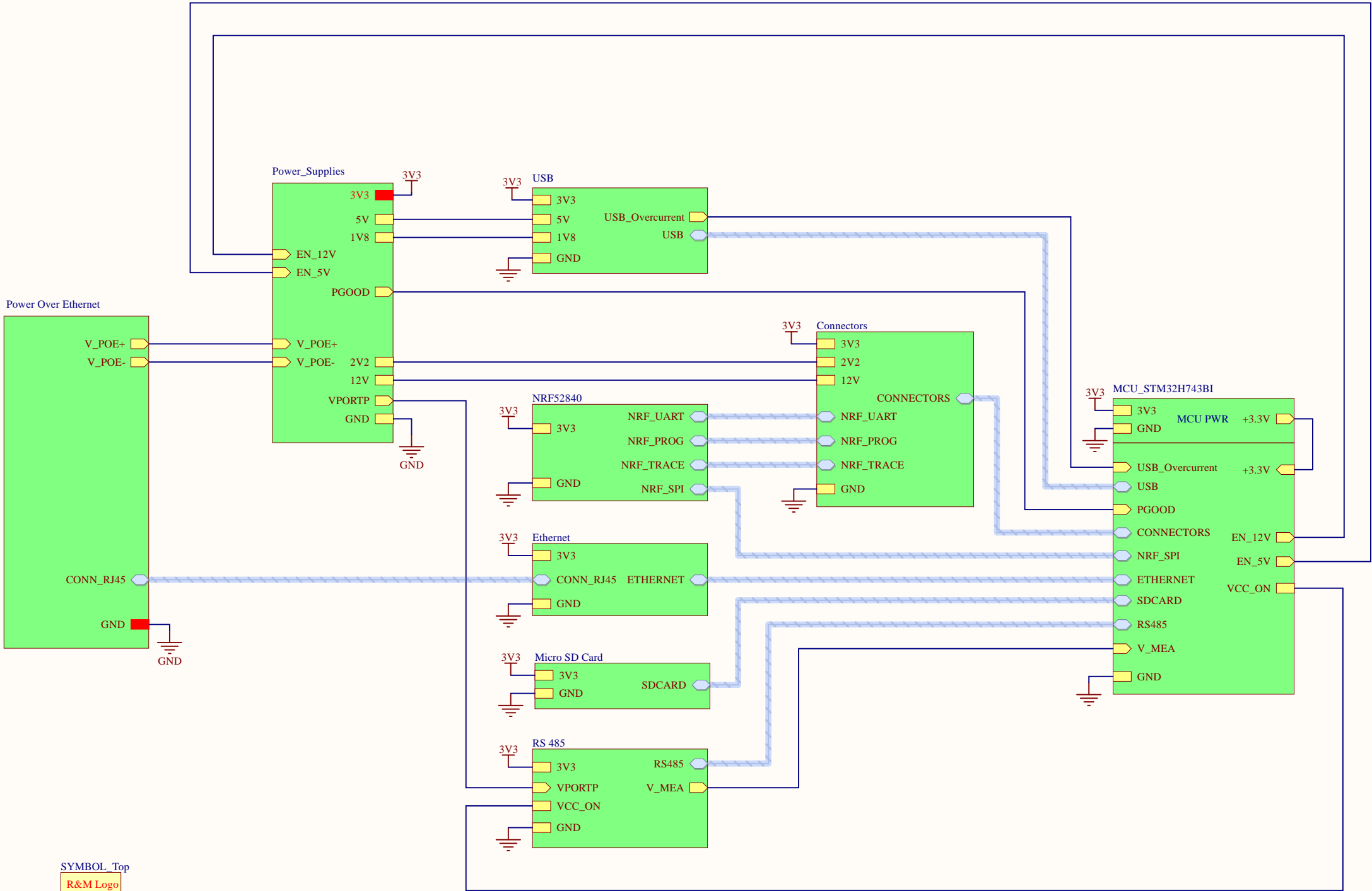


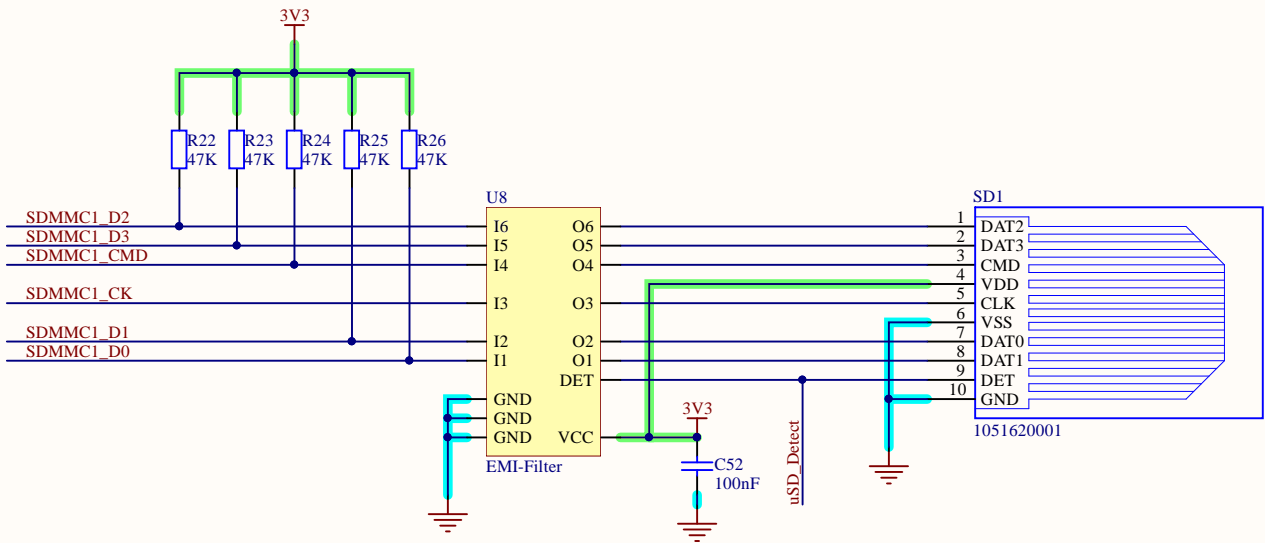
OVERVIEW



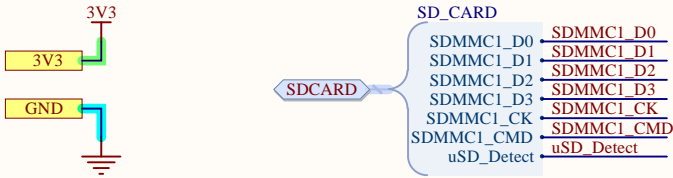
SYMBOL_Top
R&M Logo
Reichle & De-Massari Logo

SYMBOL_But
R&M Logo
Reichle & De-Massari Logo

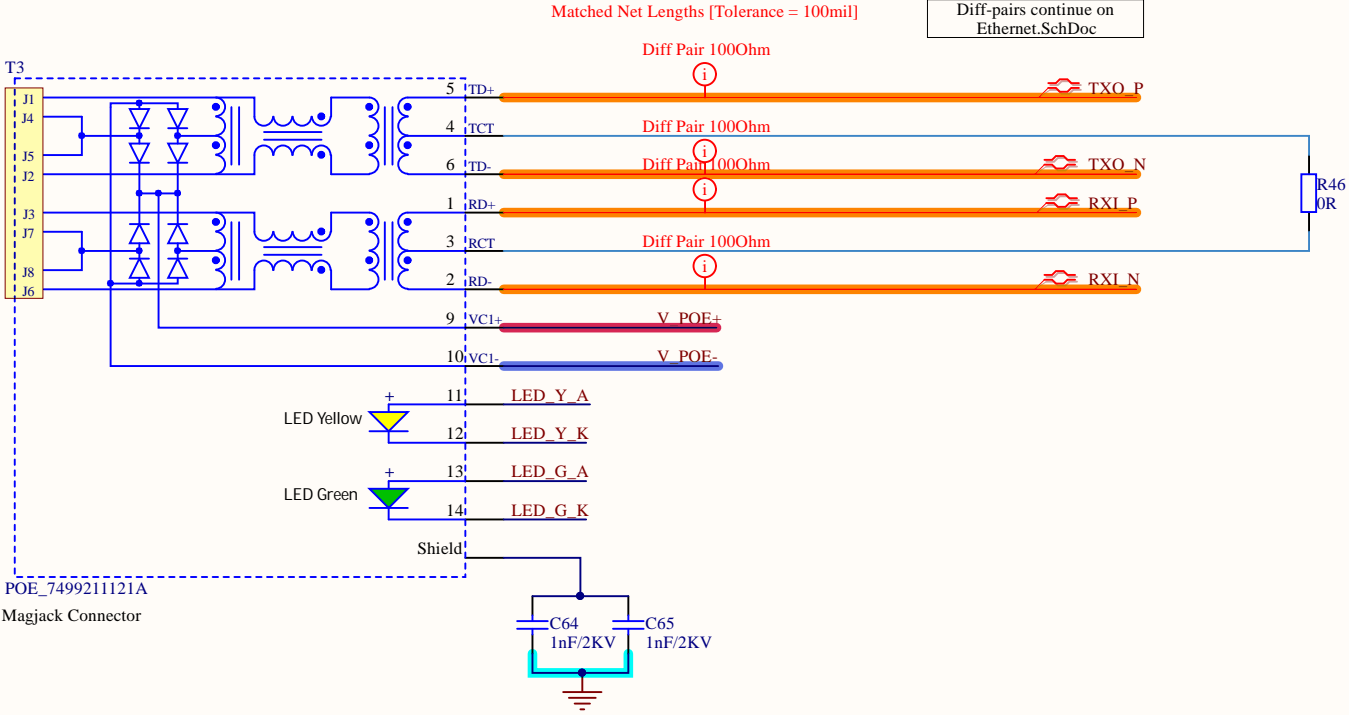
MICRO SD CARD



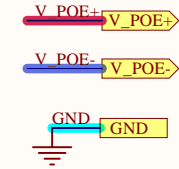
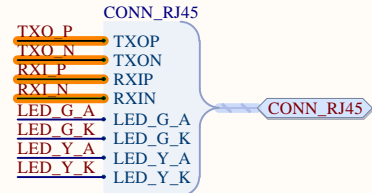
SIGNALS



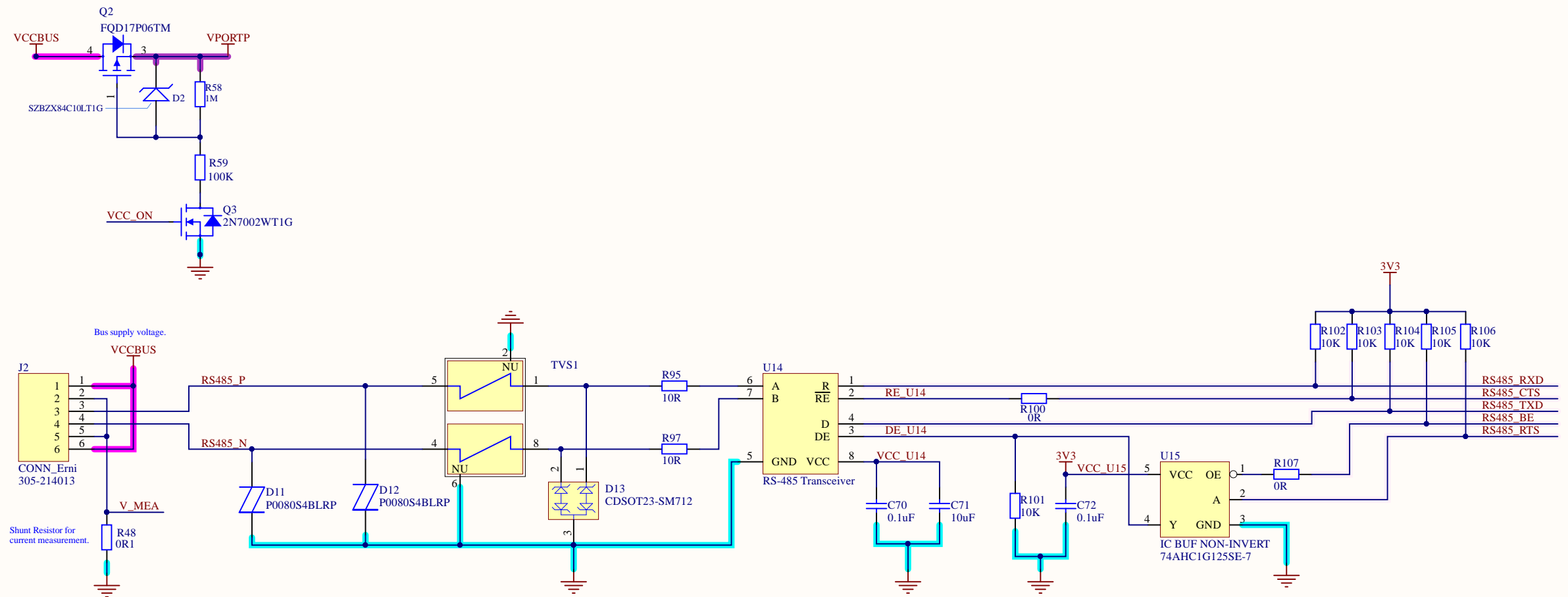
POWER OVER ETHERNET
Input voltage range: 44 - 57V
In average: ~ 48V



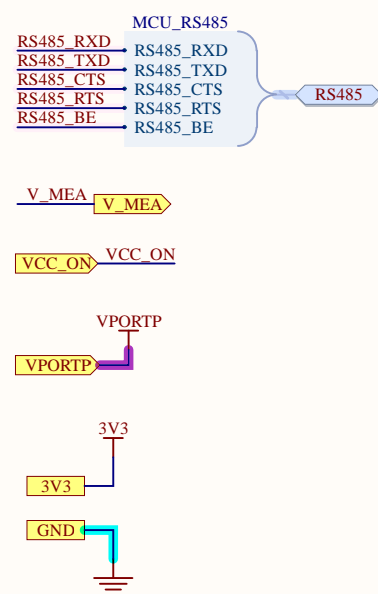
SIGNALS



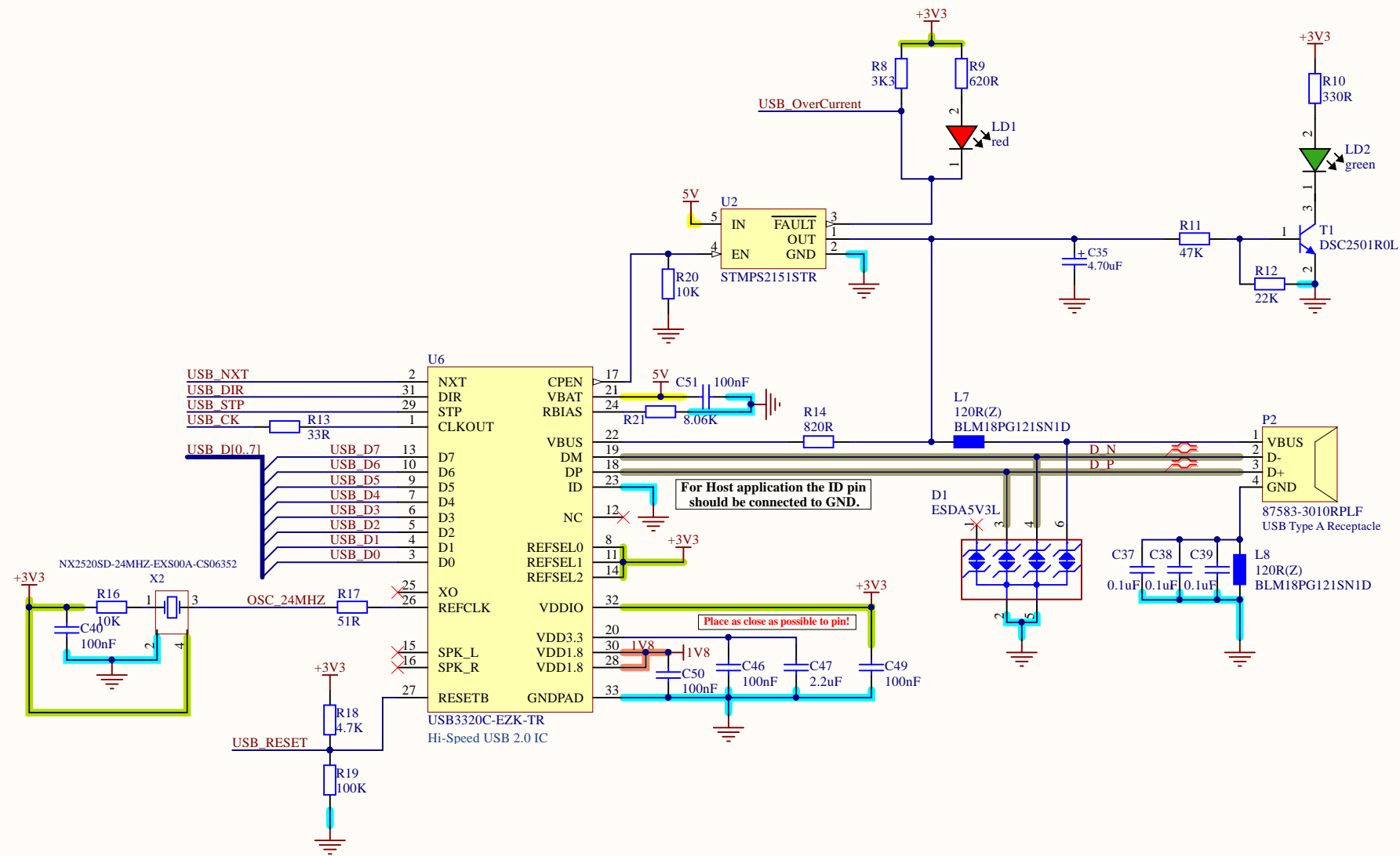
RS-485



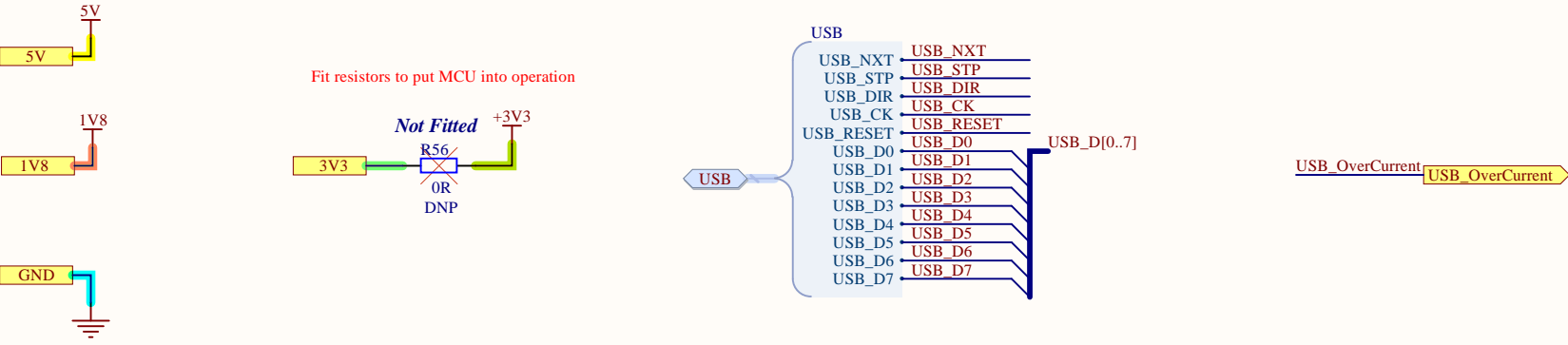
SIGNALS



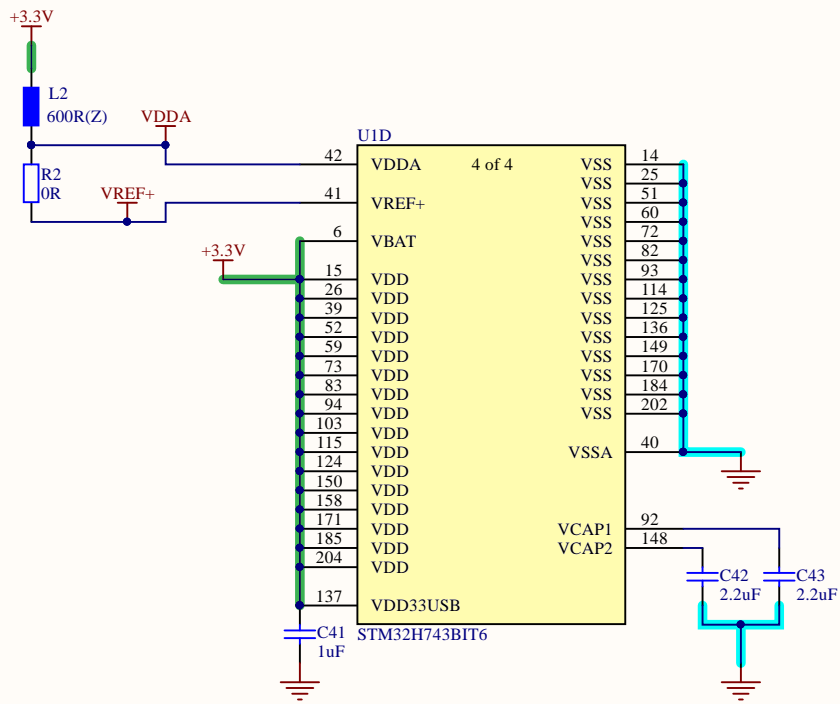
HI - SPEED USB TRANSCEIVER



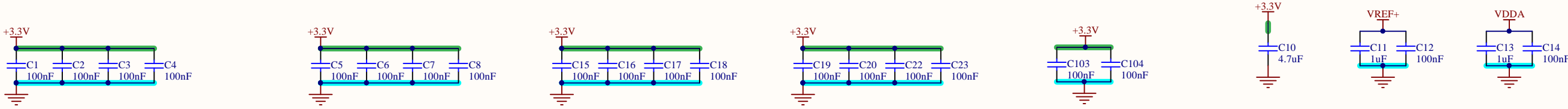
SIGNALS



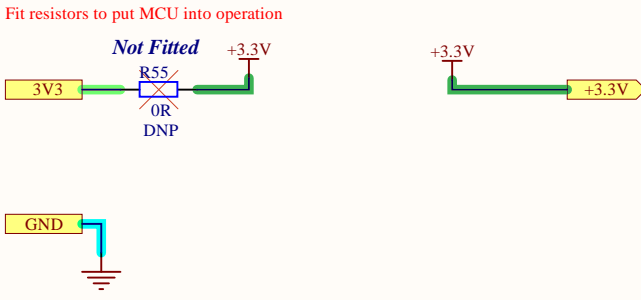
MCU PWR SUPPLIES



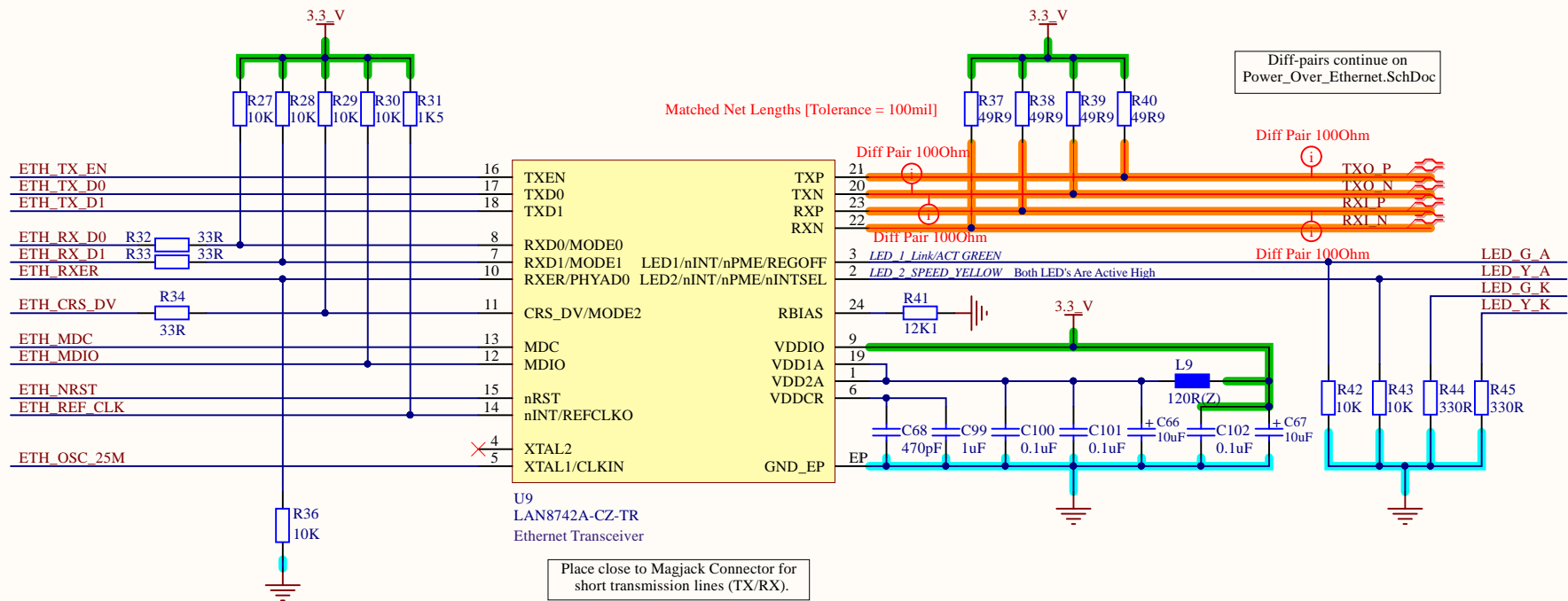
MCU DECAPS
Ceramic capacitor (Low ESR, ESR<1 Ω)



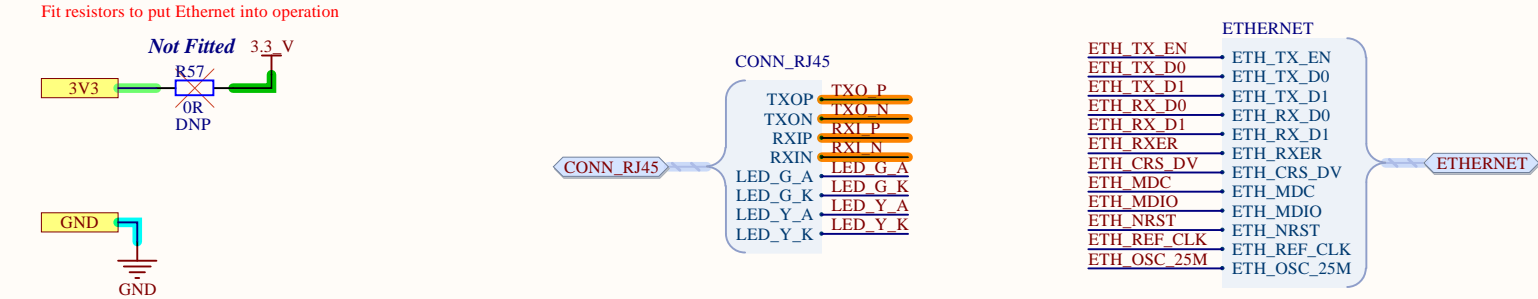
SIGNALS



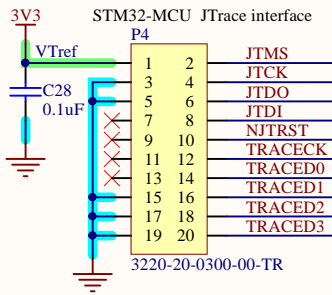
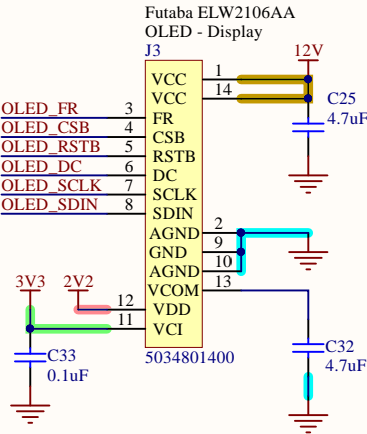
ETHERNET



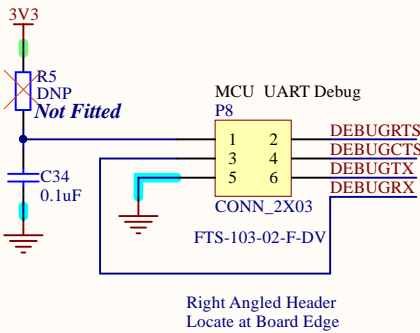
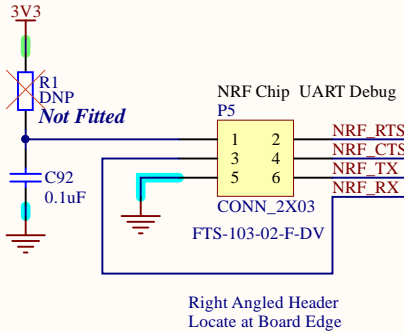
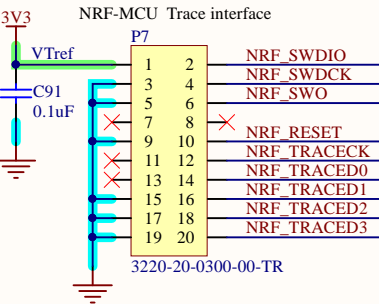
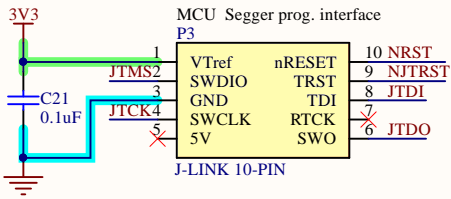
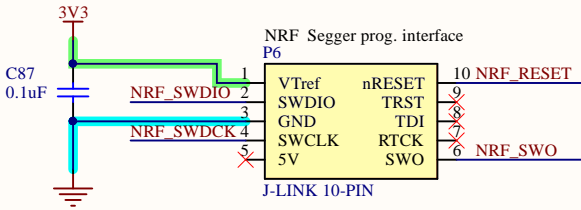
SIGNALS



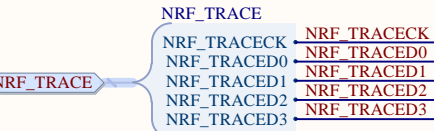
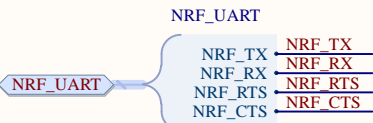
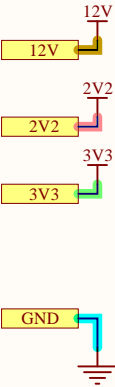
CONNECTORS



VTref is needed by the programming Tool. It indicates the programming voltage.



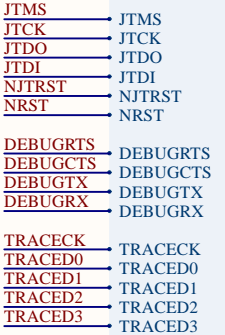
SIGNALS



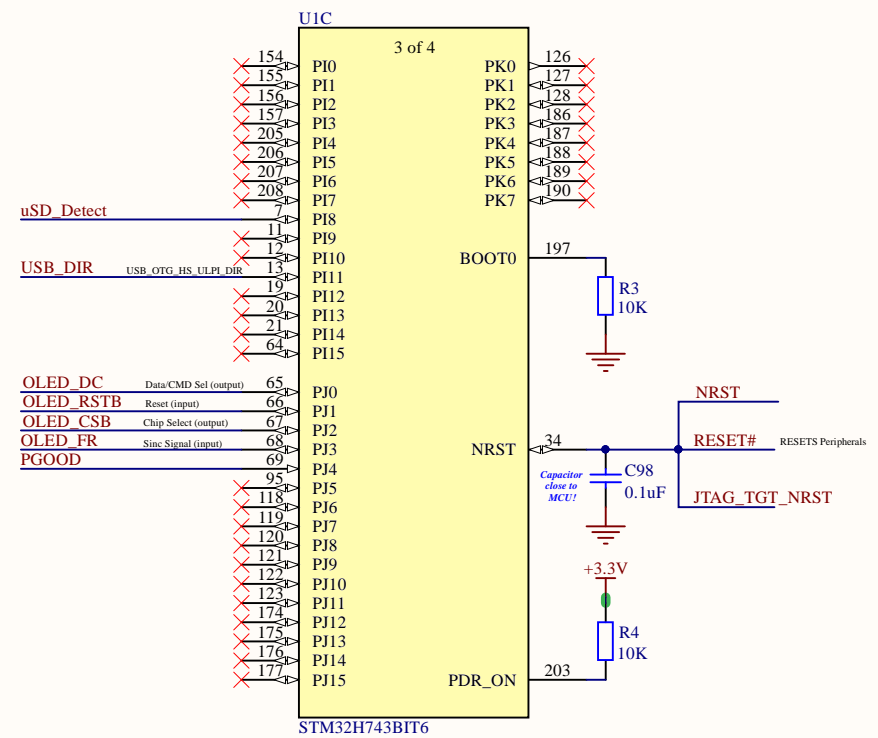
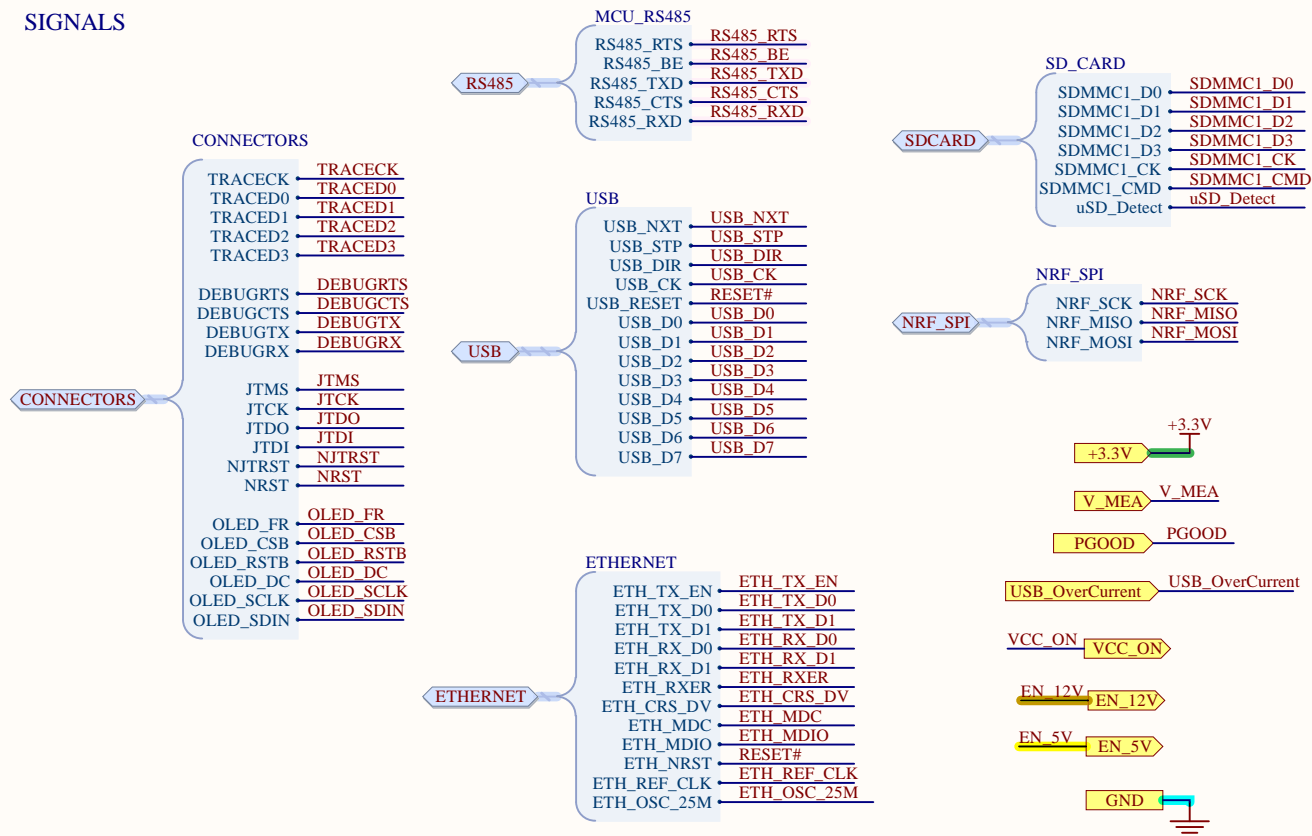
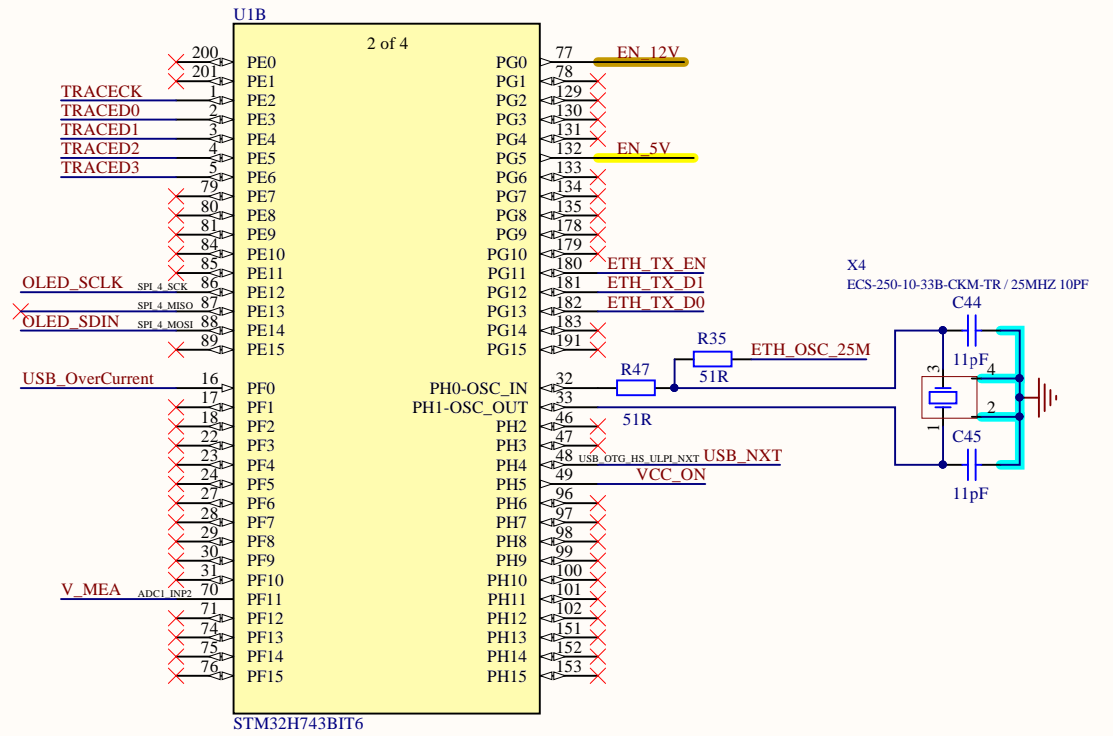
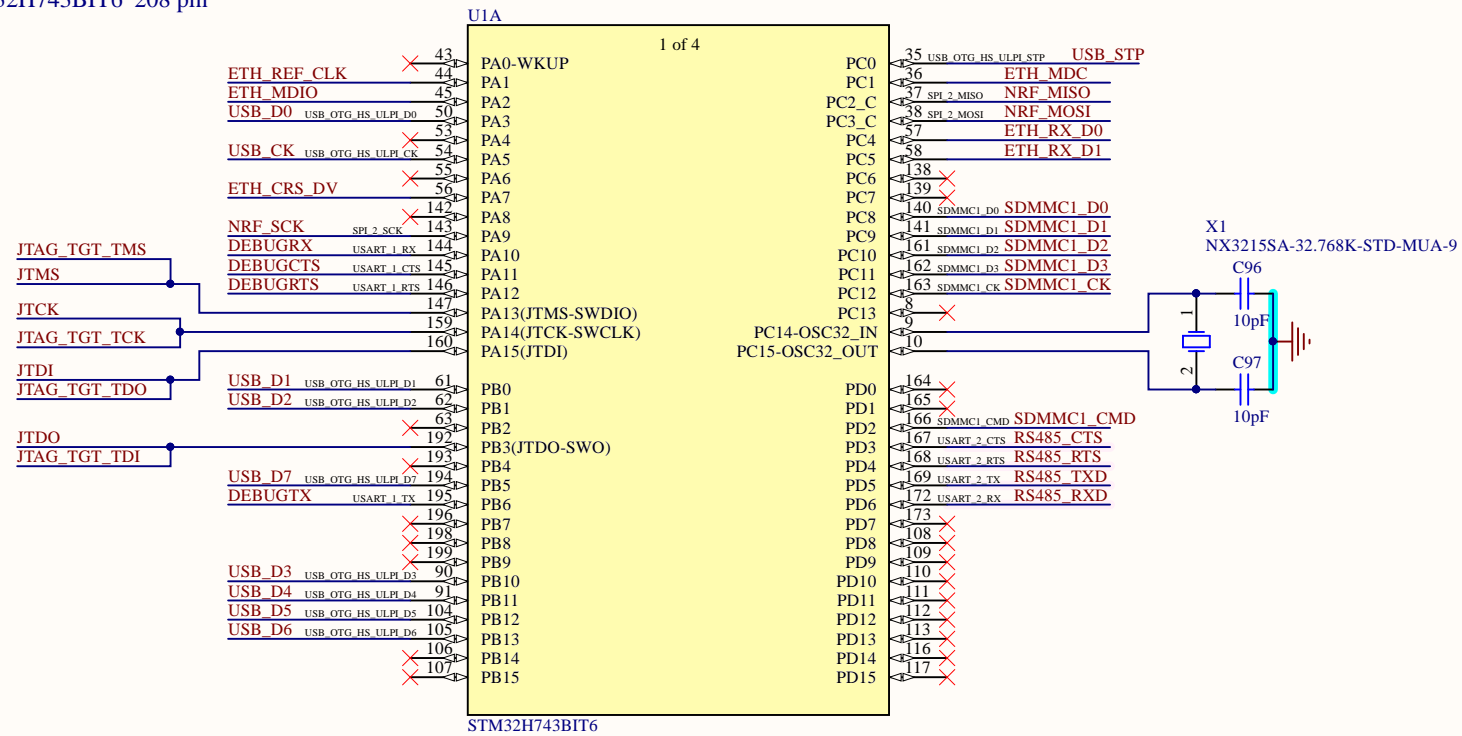
CONNECTORS



CONNECTORS



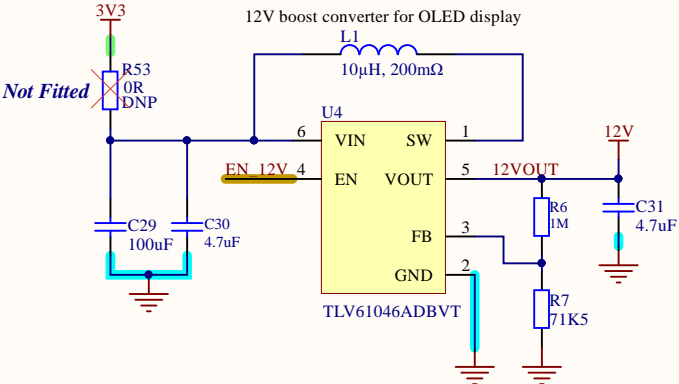
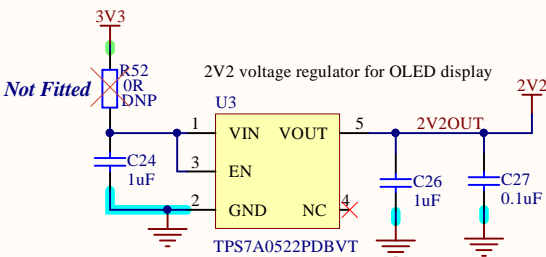
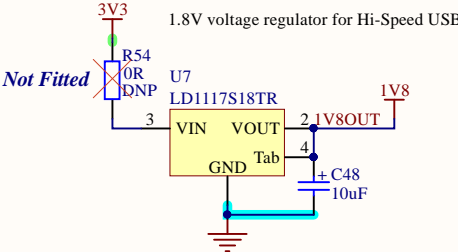
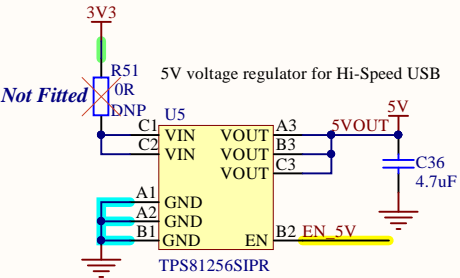
ARM M7 MCU 480 MHz
STM32H743BIT6 208 pin



POWER SUPPLIES

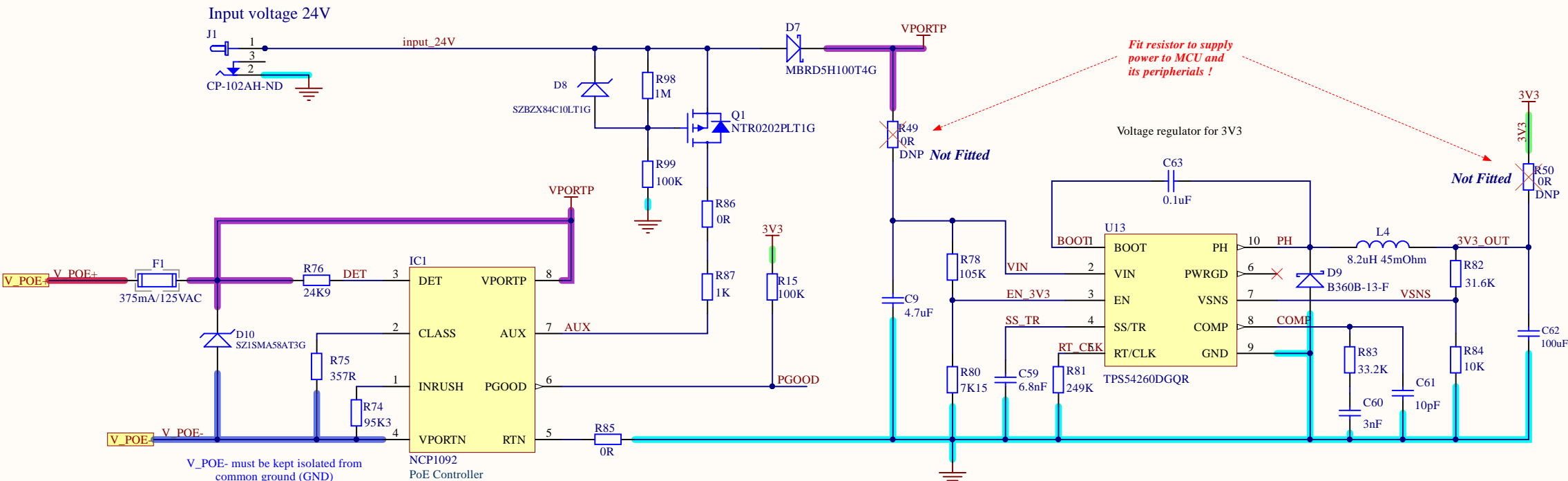
Power supplies for USB and OLED display

In order to use peripherals you need to fit resistors R51 to R54.



Place R51, R54 resp. R52 and R53 close to each other to indicate that both R's are needed to set the USB resp. OLED operational.

POE POWER CONVERSION



SIGNALS

