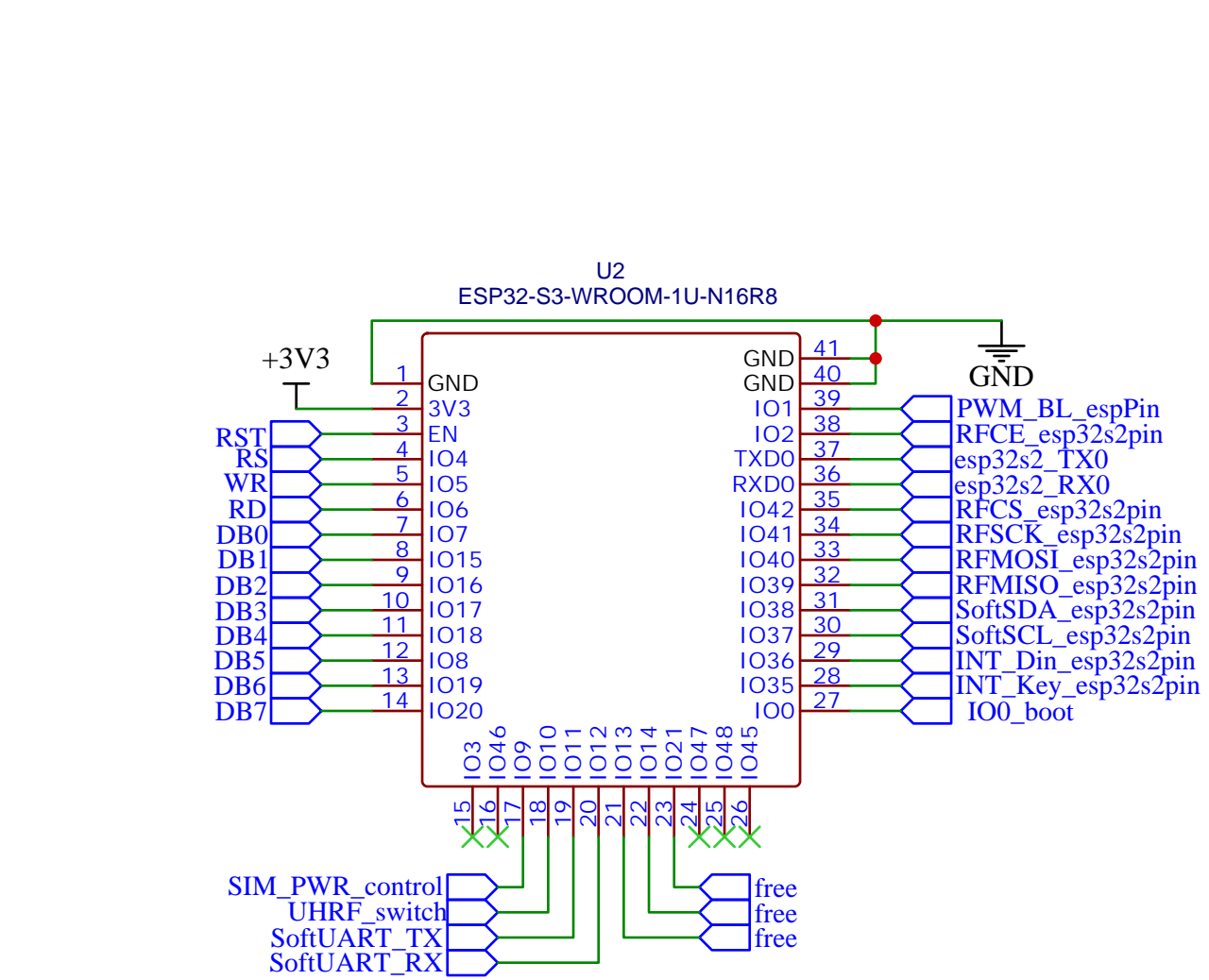
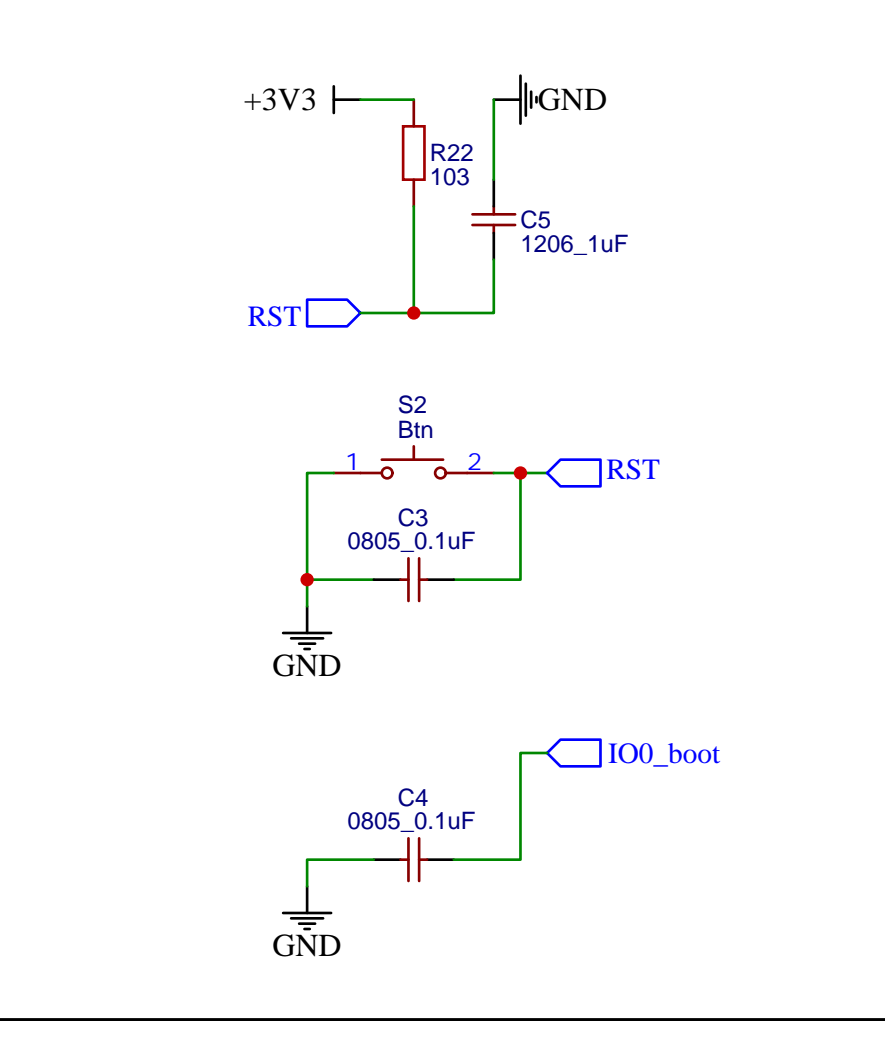


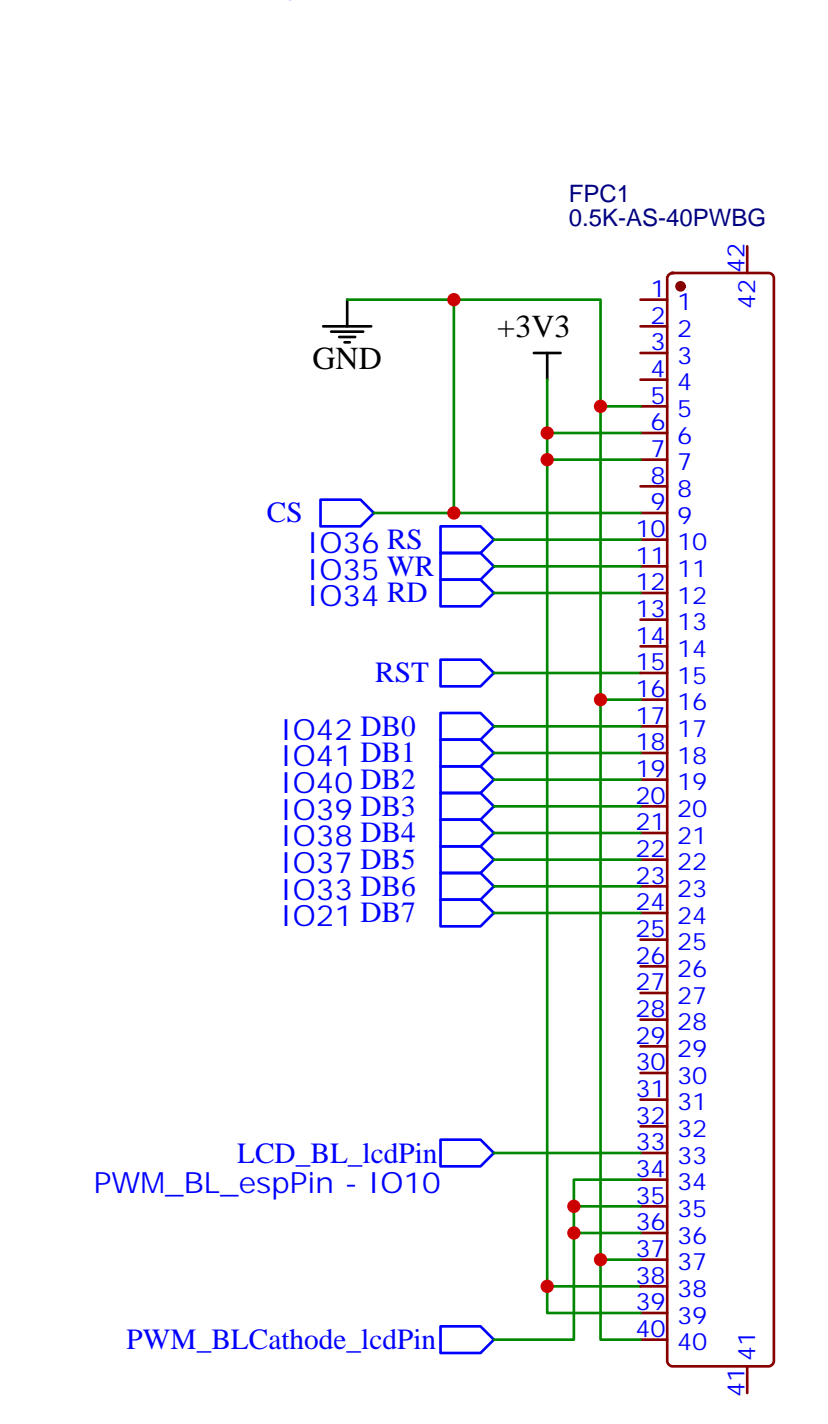
ESP32 S3 WROOM 1U N16R8



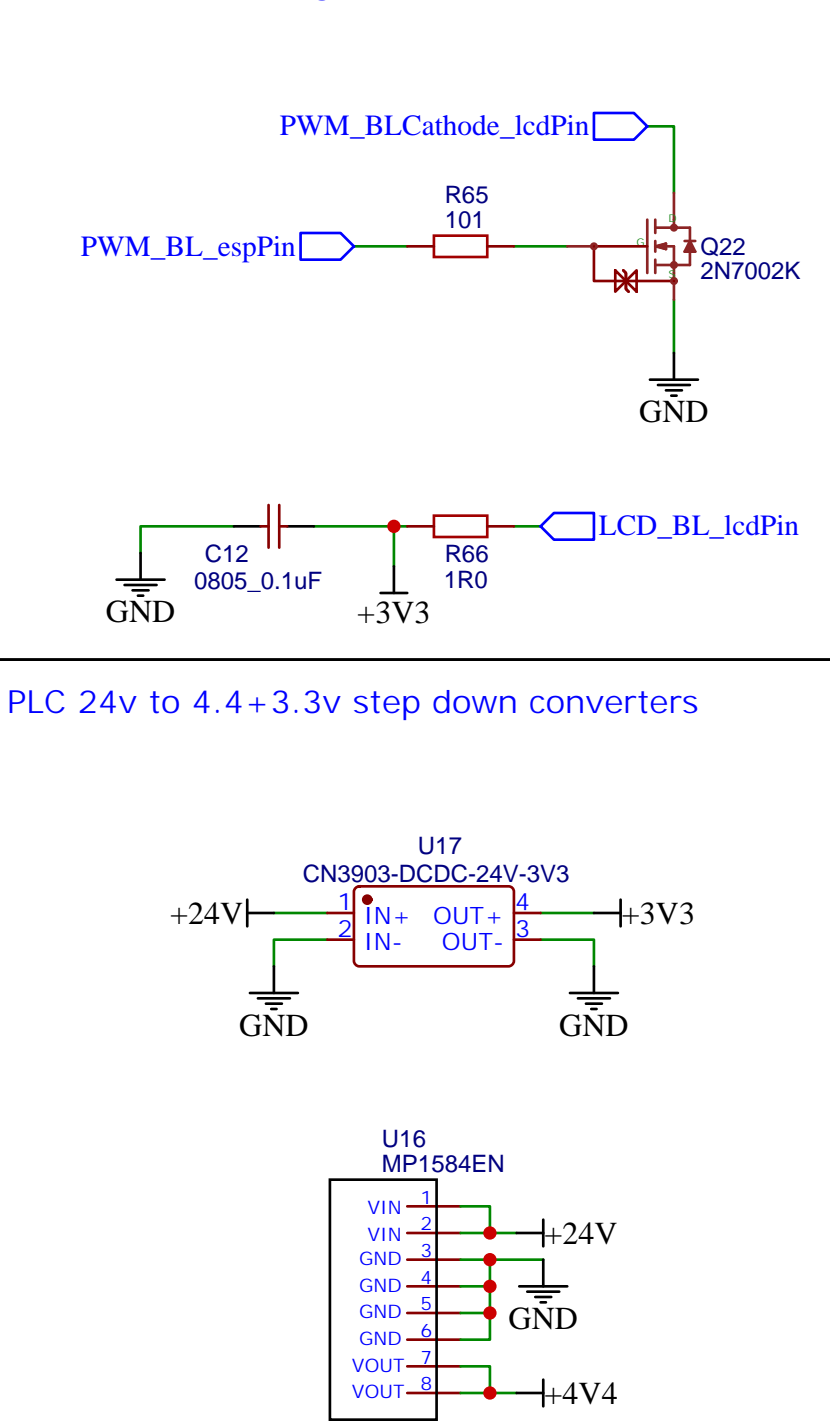
ESP32 boot and rst circuit



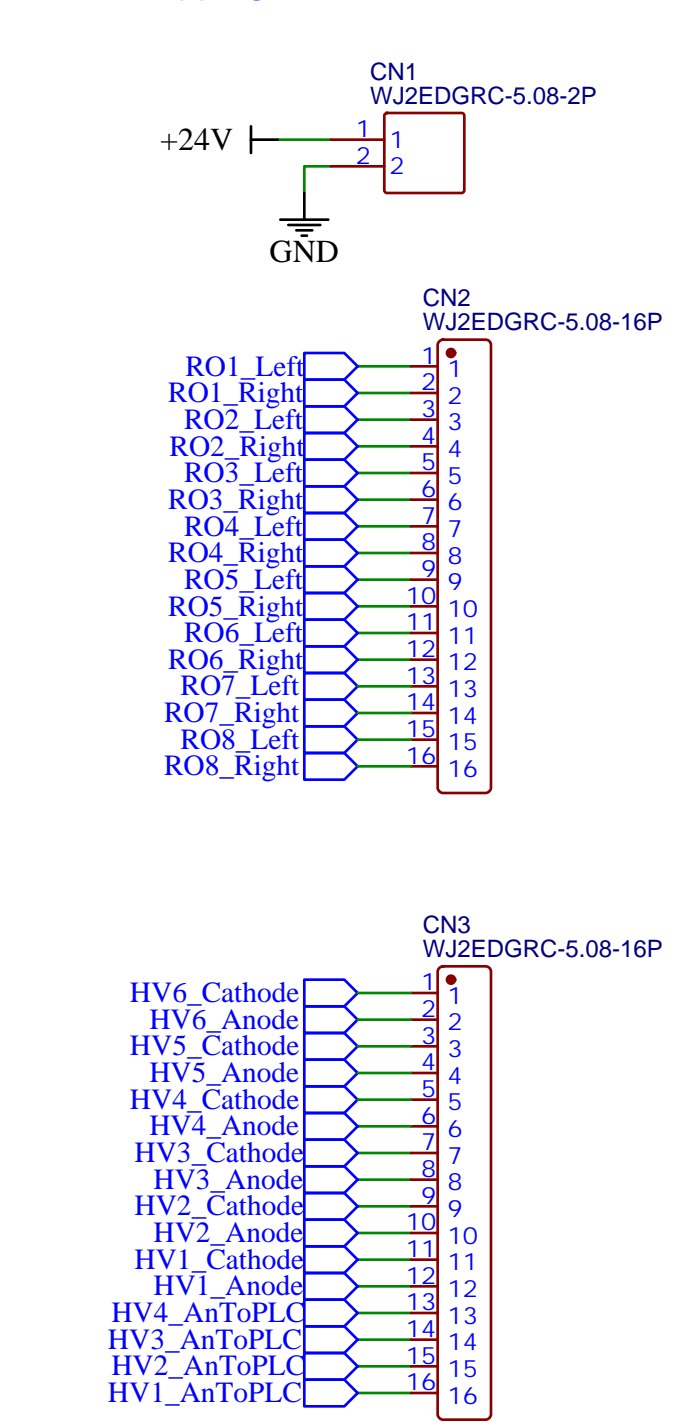
ILI9488 LCD 8bit parallel circuit



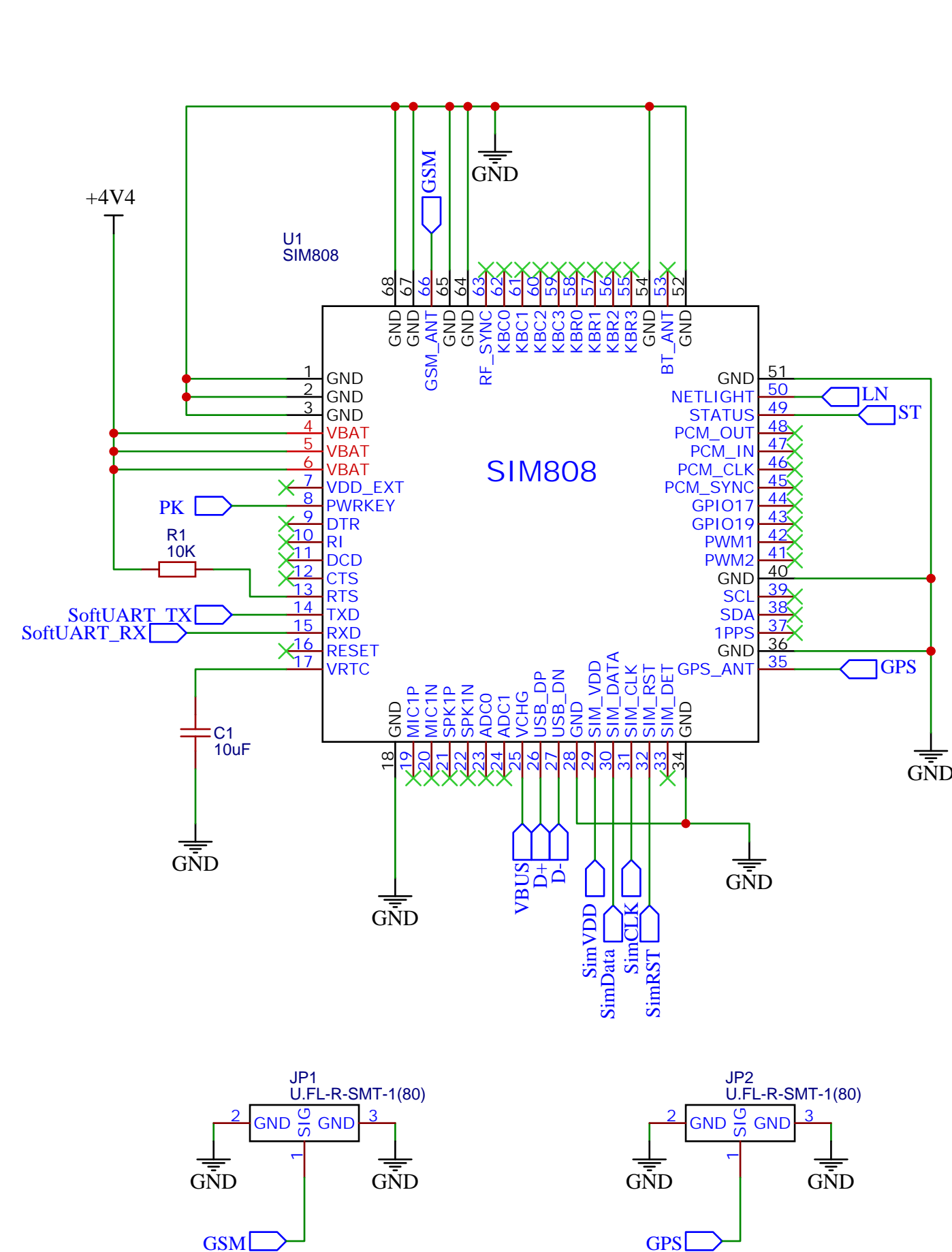
ILI9488 LCD backlight



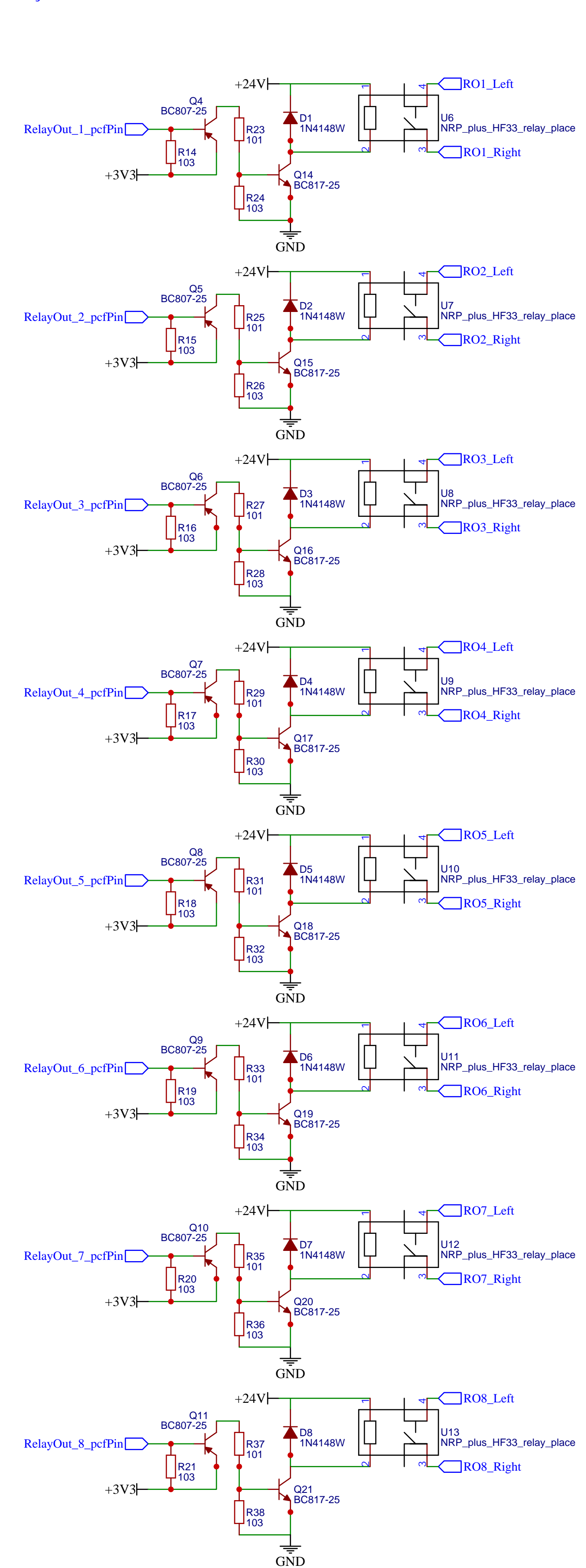
Jack IO mapping



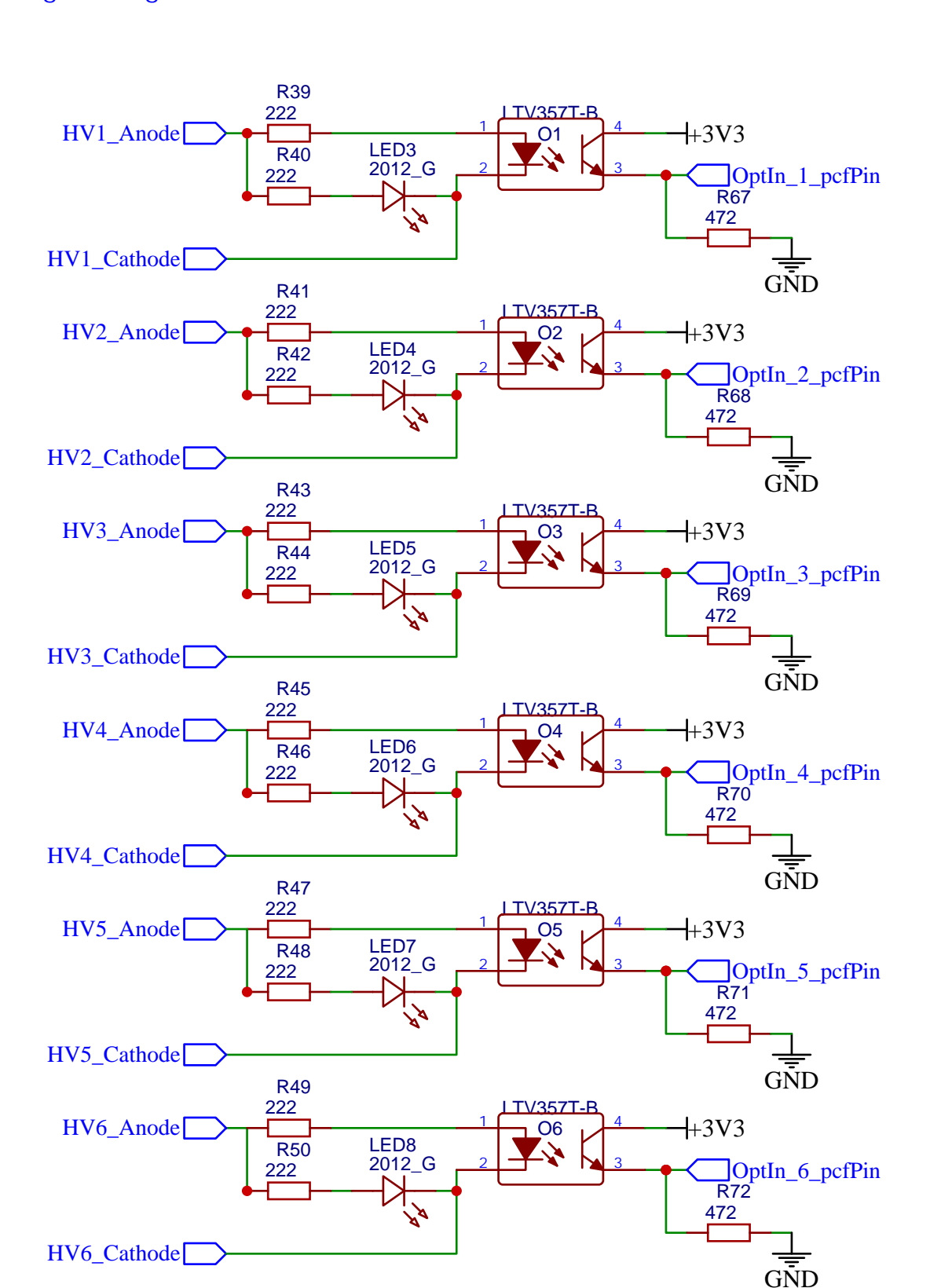
SIM808 Module + GPS and GSM ant



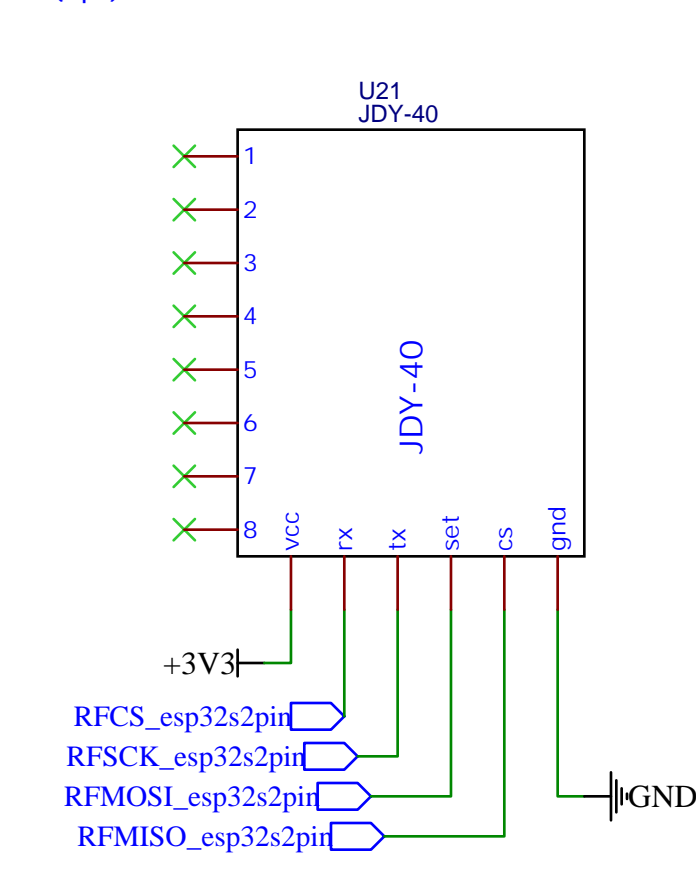
Relay ch 1..8 control



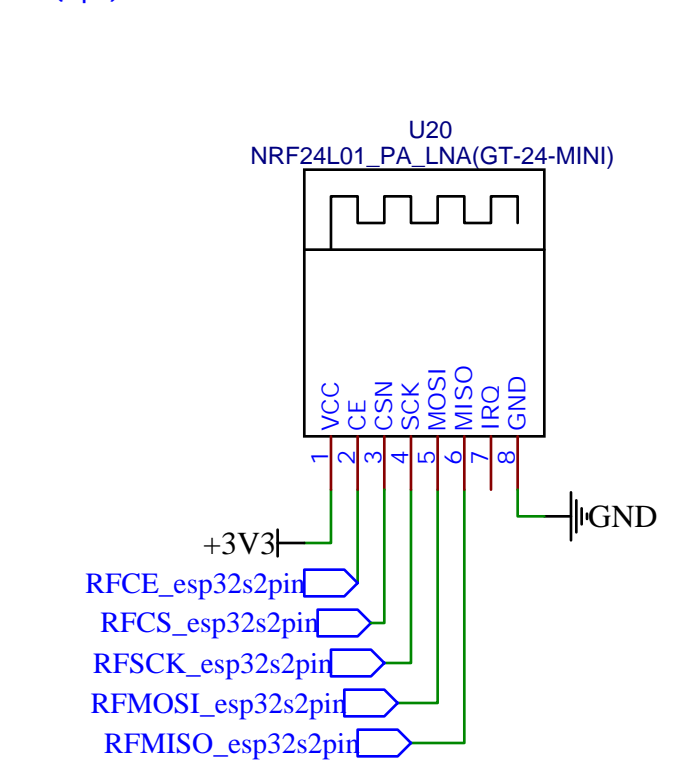
High voltage in, ch 1..6



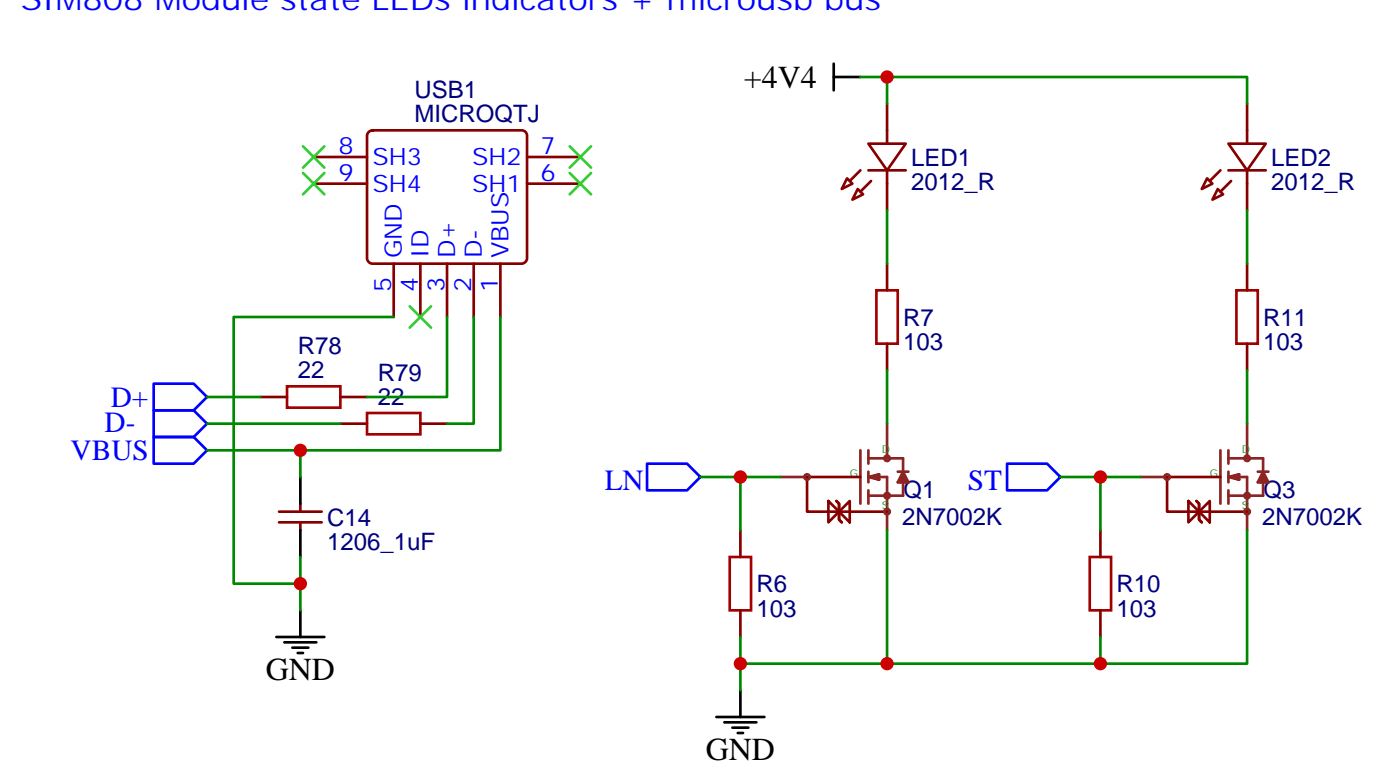
RF (spi) - JDY40



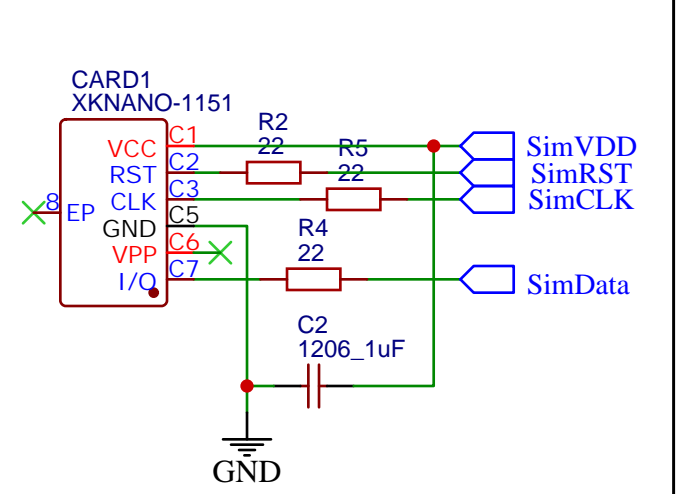
RF (spi) - NRF24



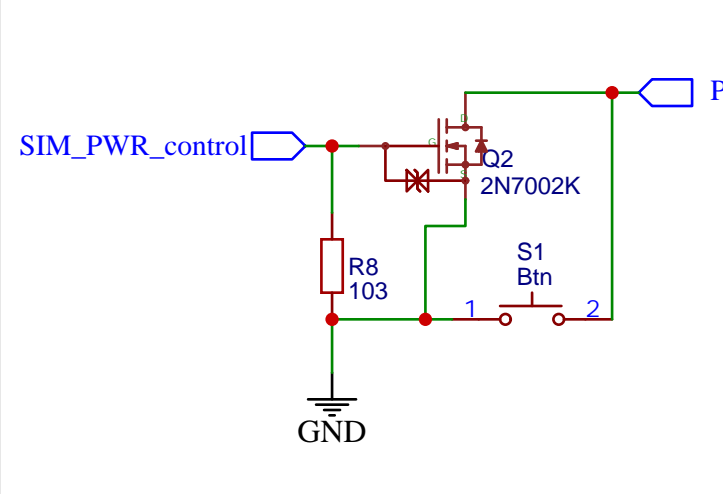
SIM808 Module state LEDs indicators + microusb bus



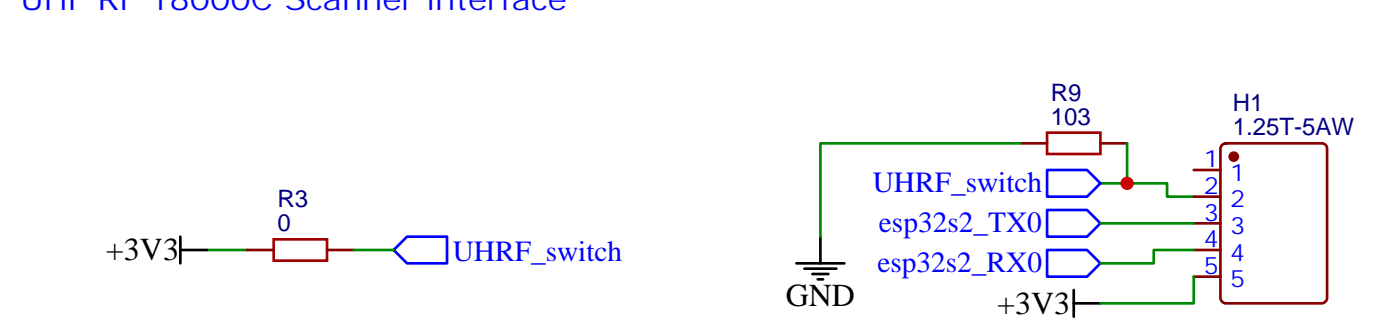
SIM808 Module SIM-card holder



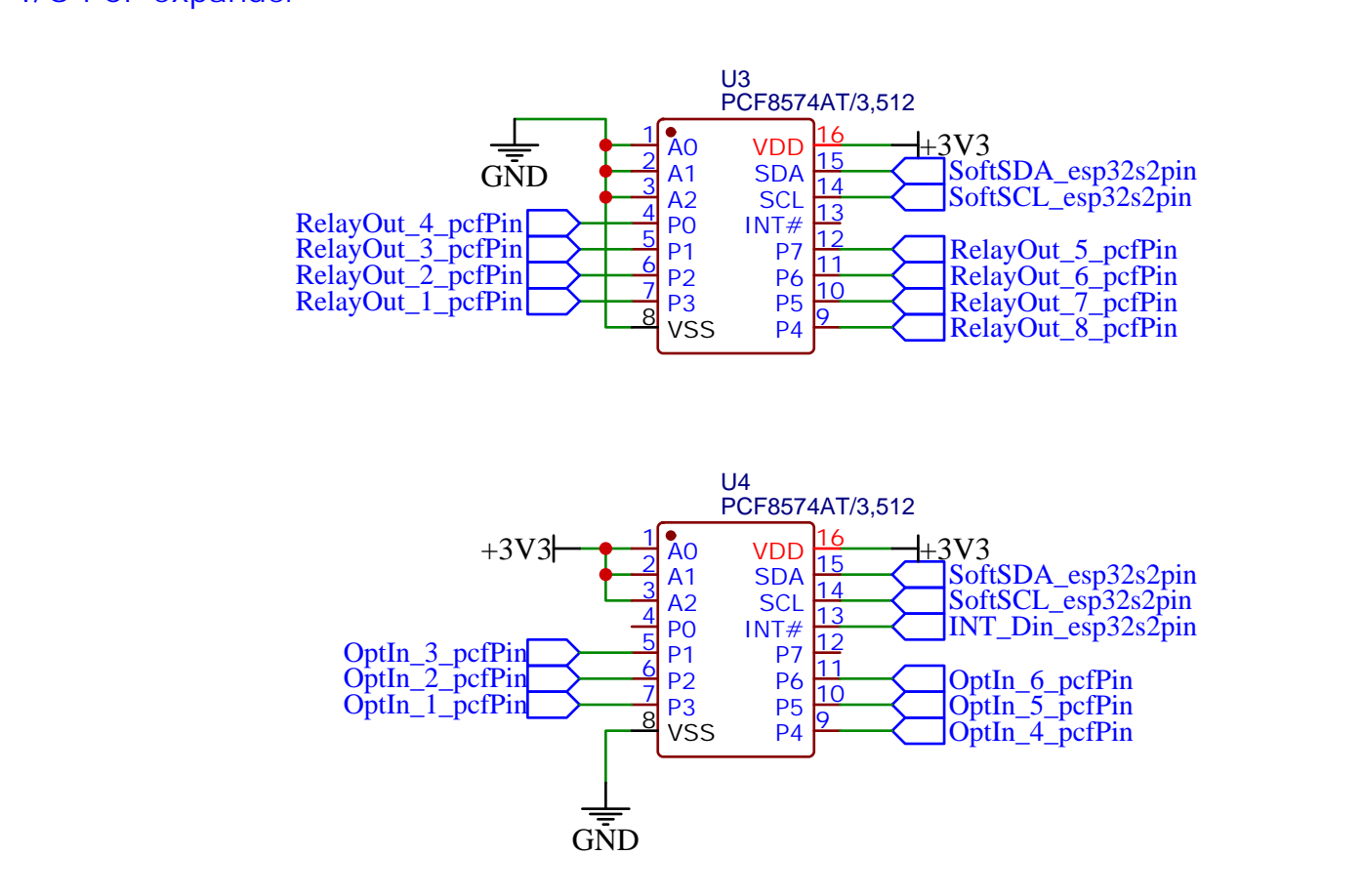
SIM808 Module PWR On/Off control



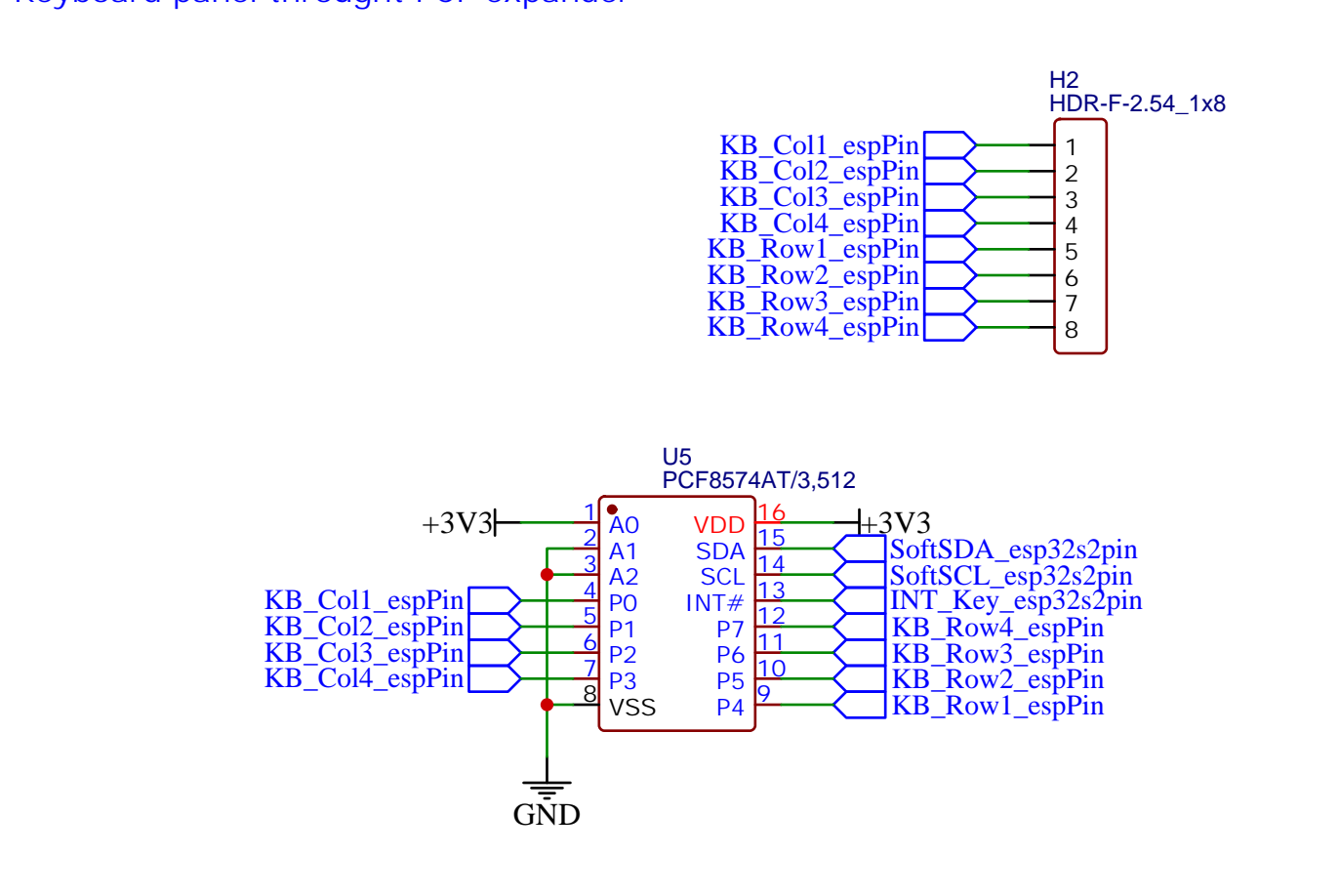
UHF RF 18000C Scanner interface



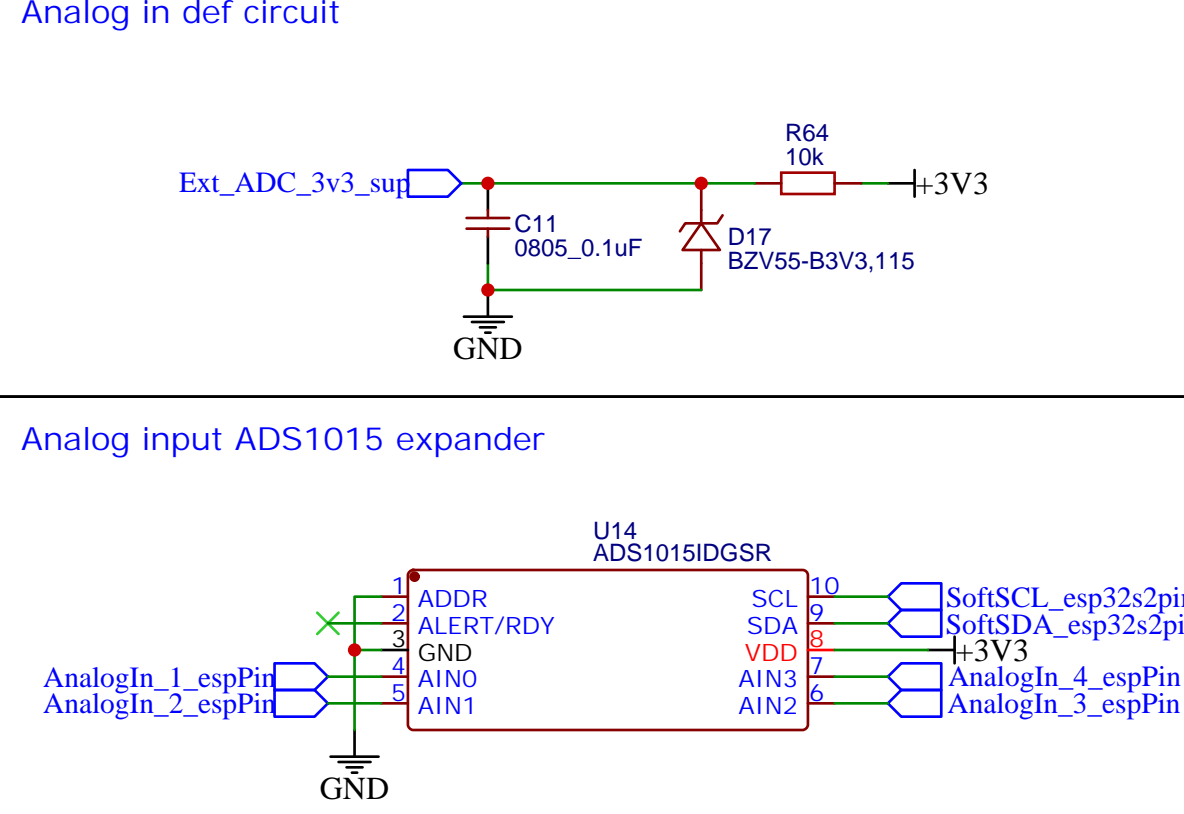
I/O PCF expander



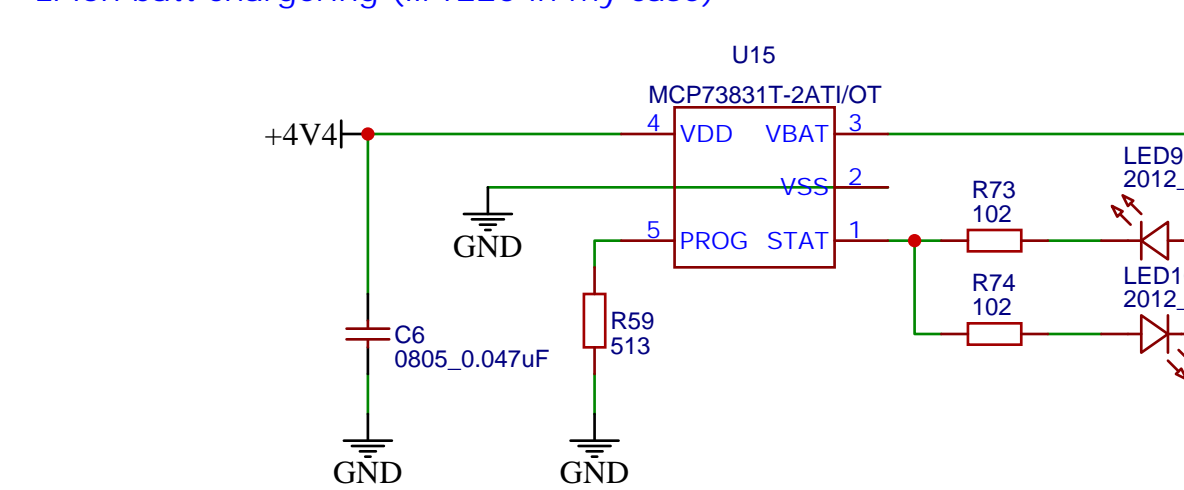
Keyboard panel through PCF expander



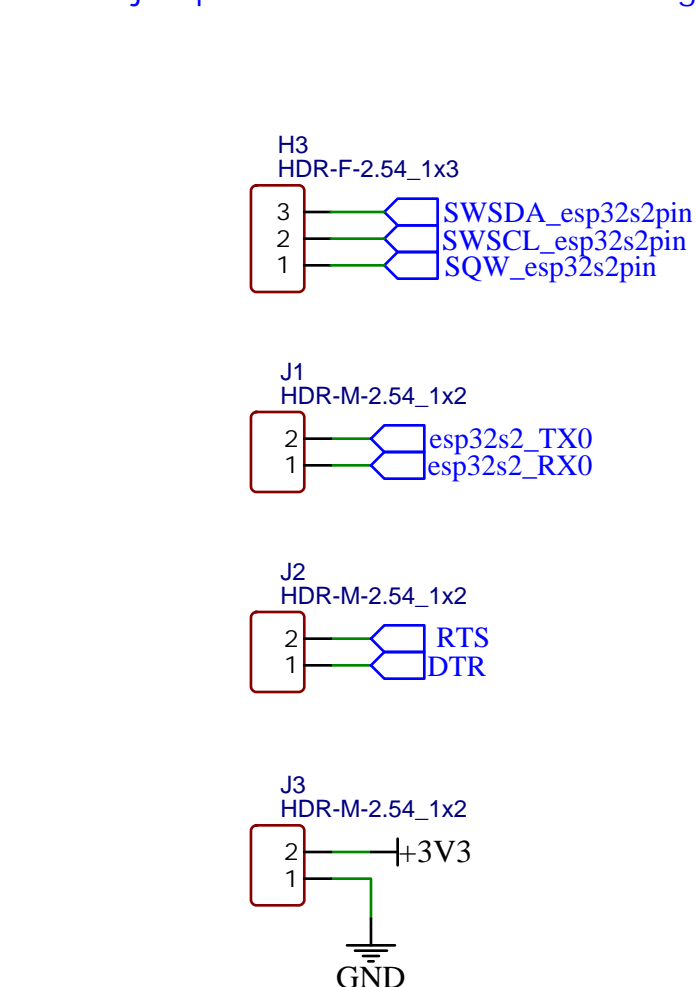
Analog input ADS1015 expander



Li ion batt charging (lir1220 in my case)



Onboard jumpers for future shields + debug



RTC + 24Cxx EEPROM

