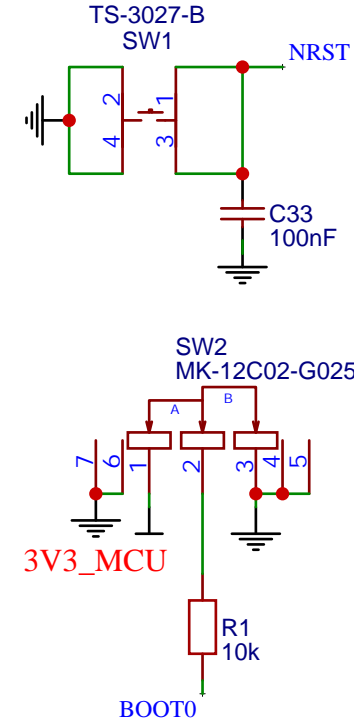
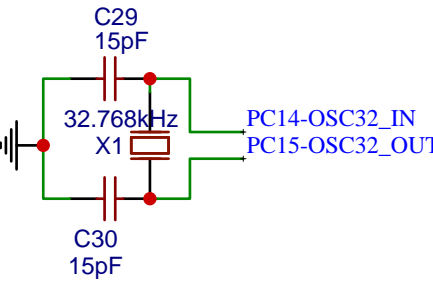


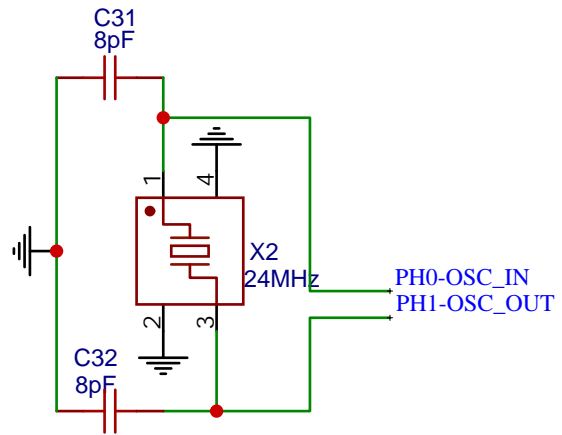
Reset & Boot Circuit



Low Speed Oscillator

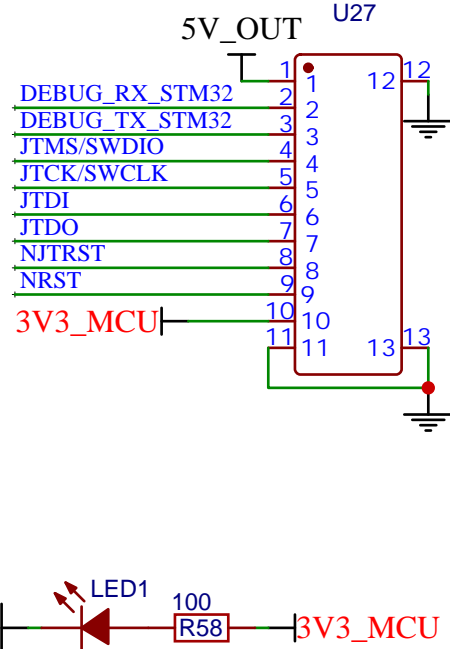


High Speed Oscillator

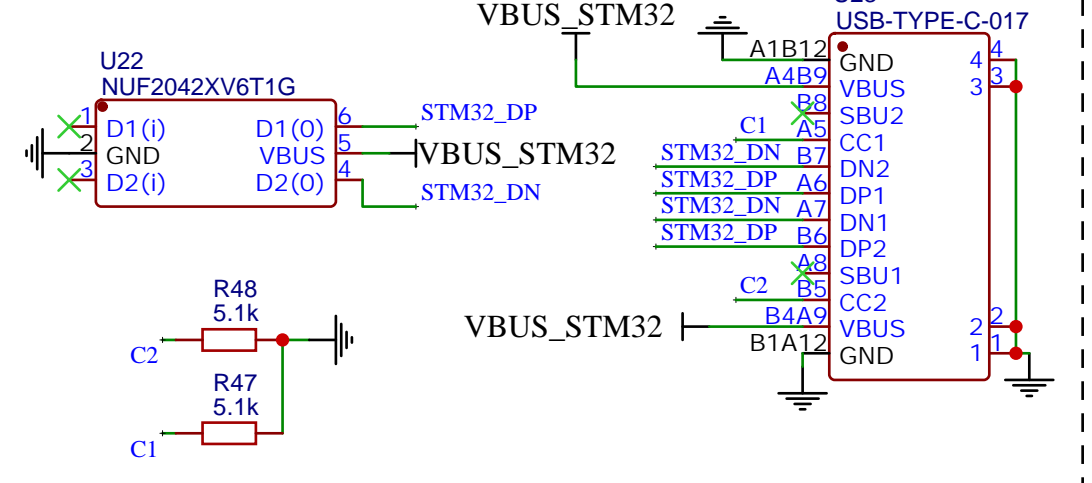


$C = 2 * (C_I - C_s)$

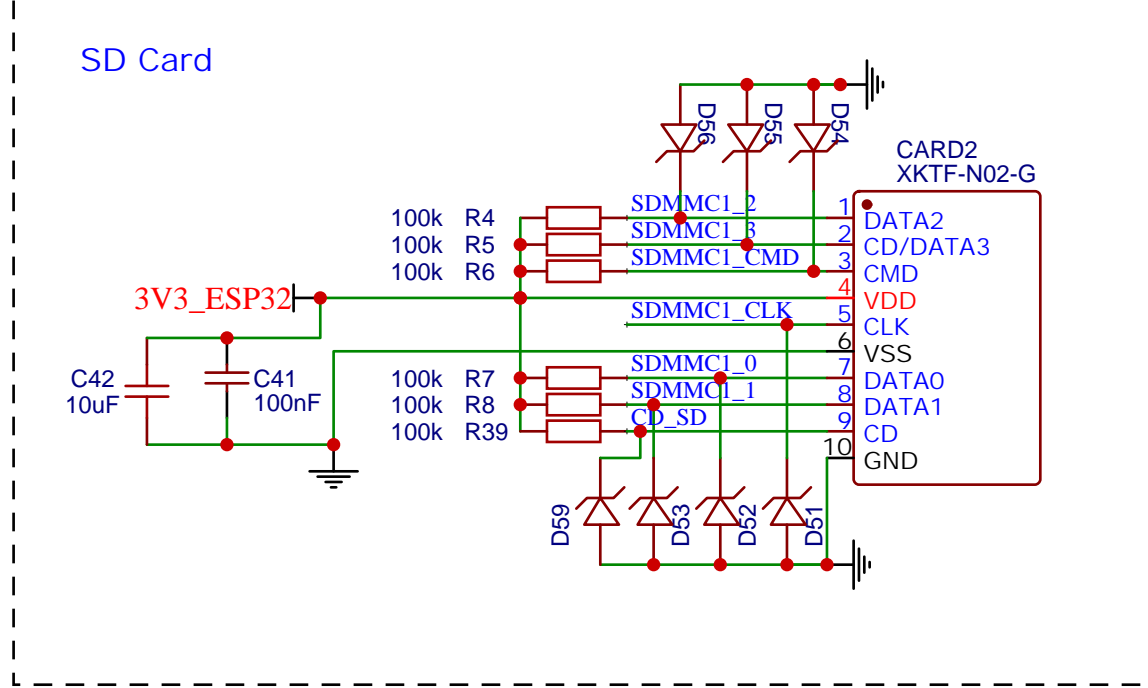
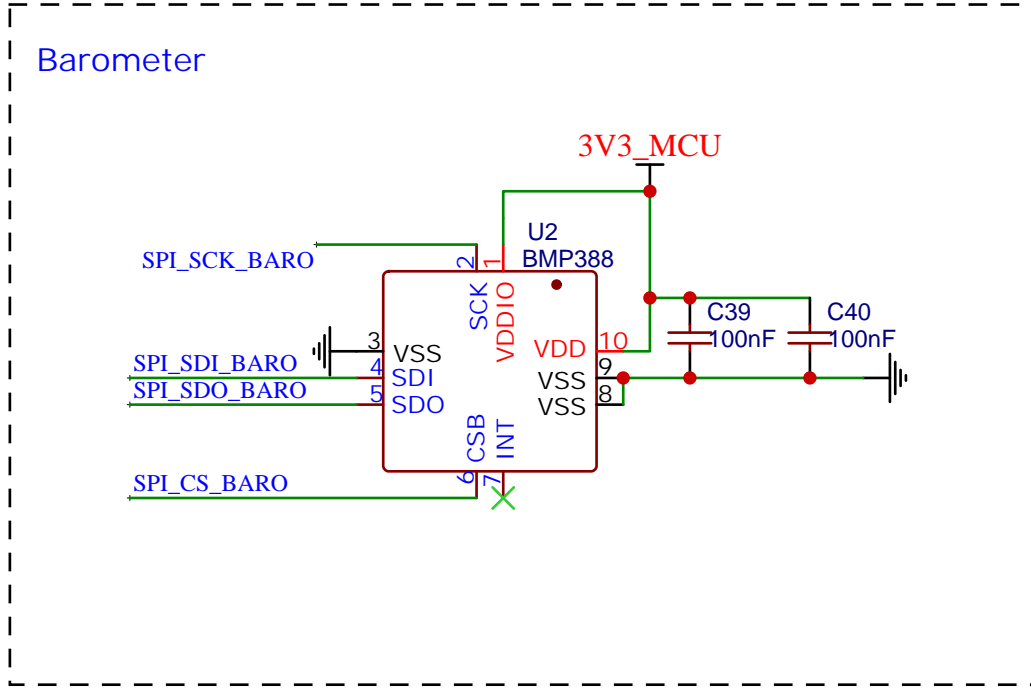
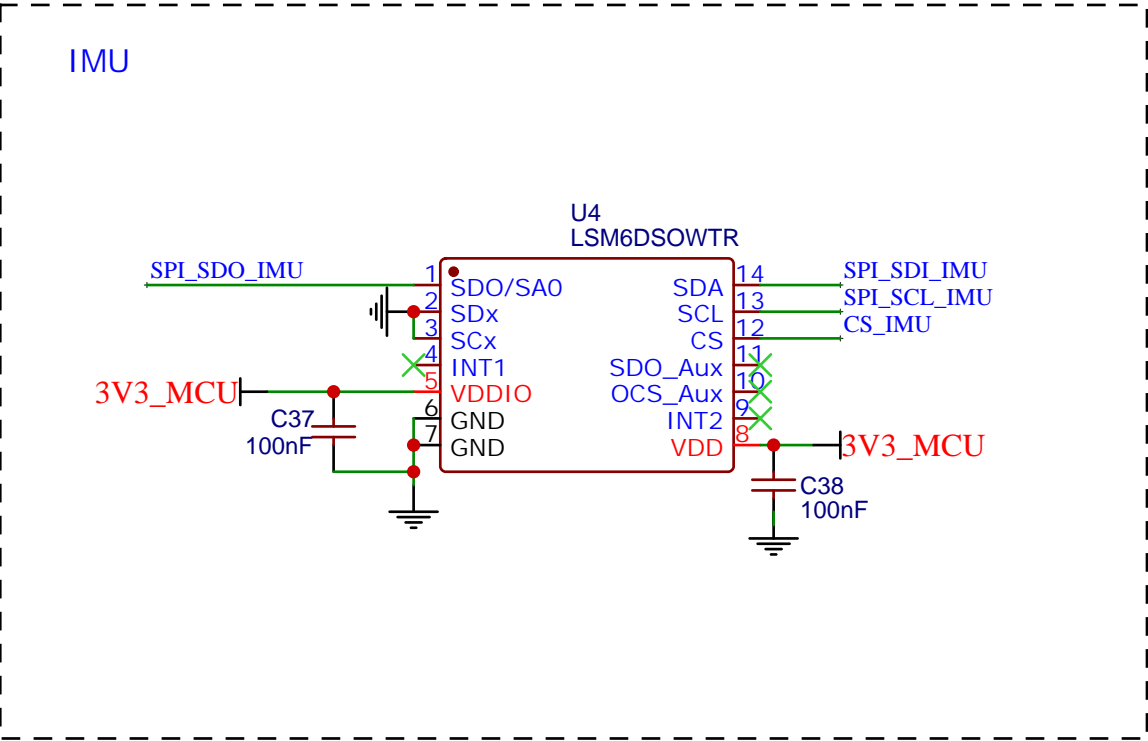
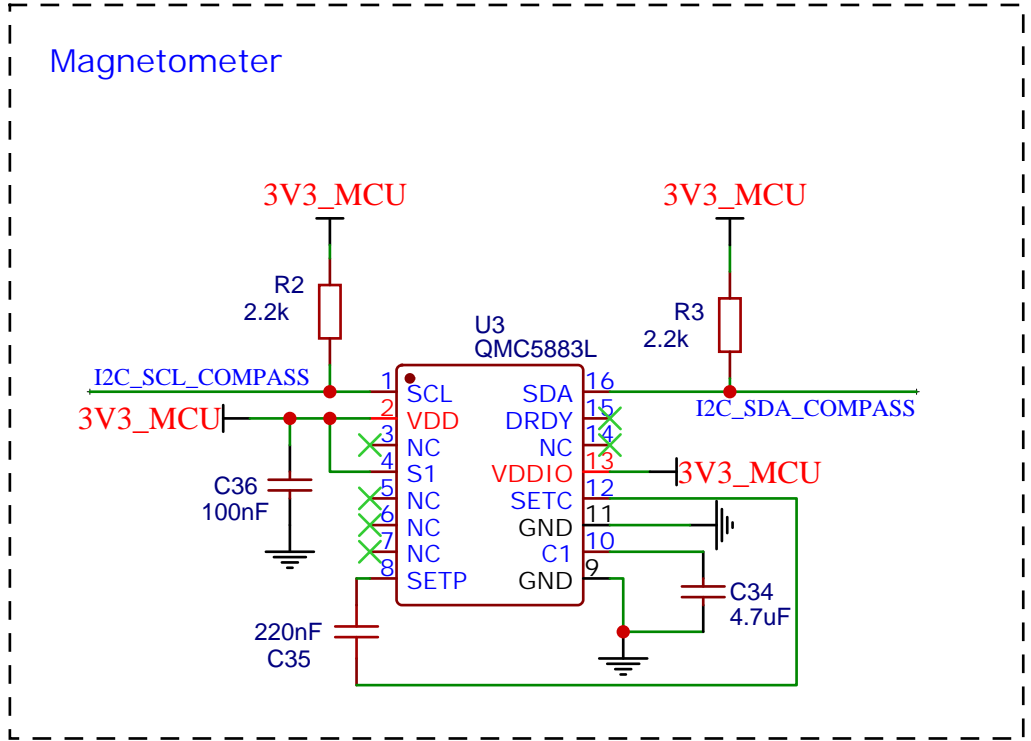
STM32 Debug



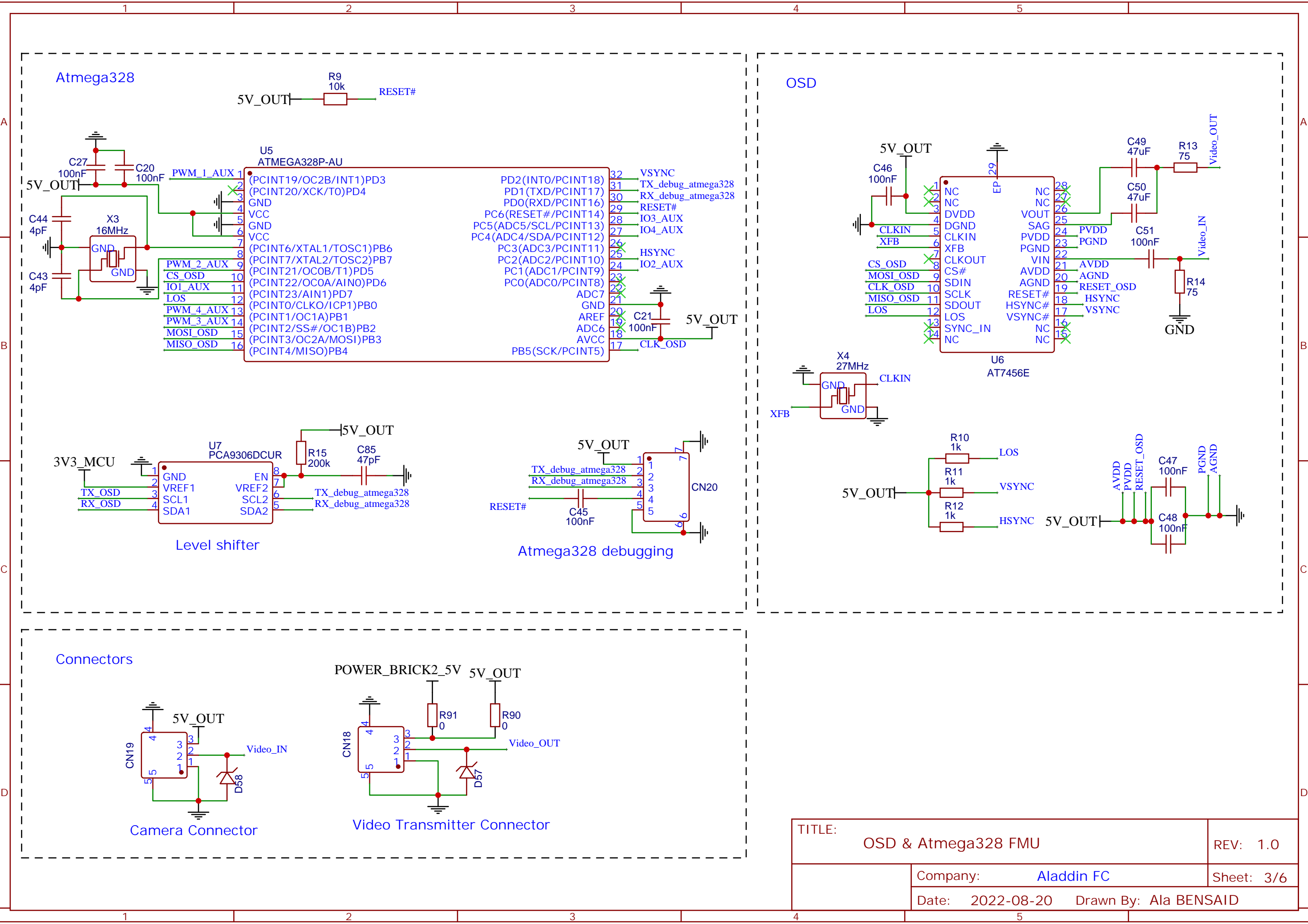
USB

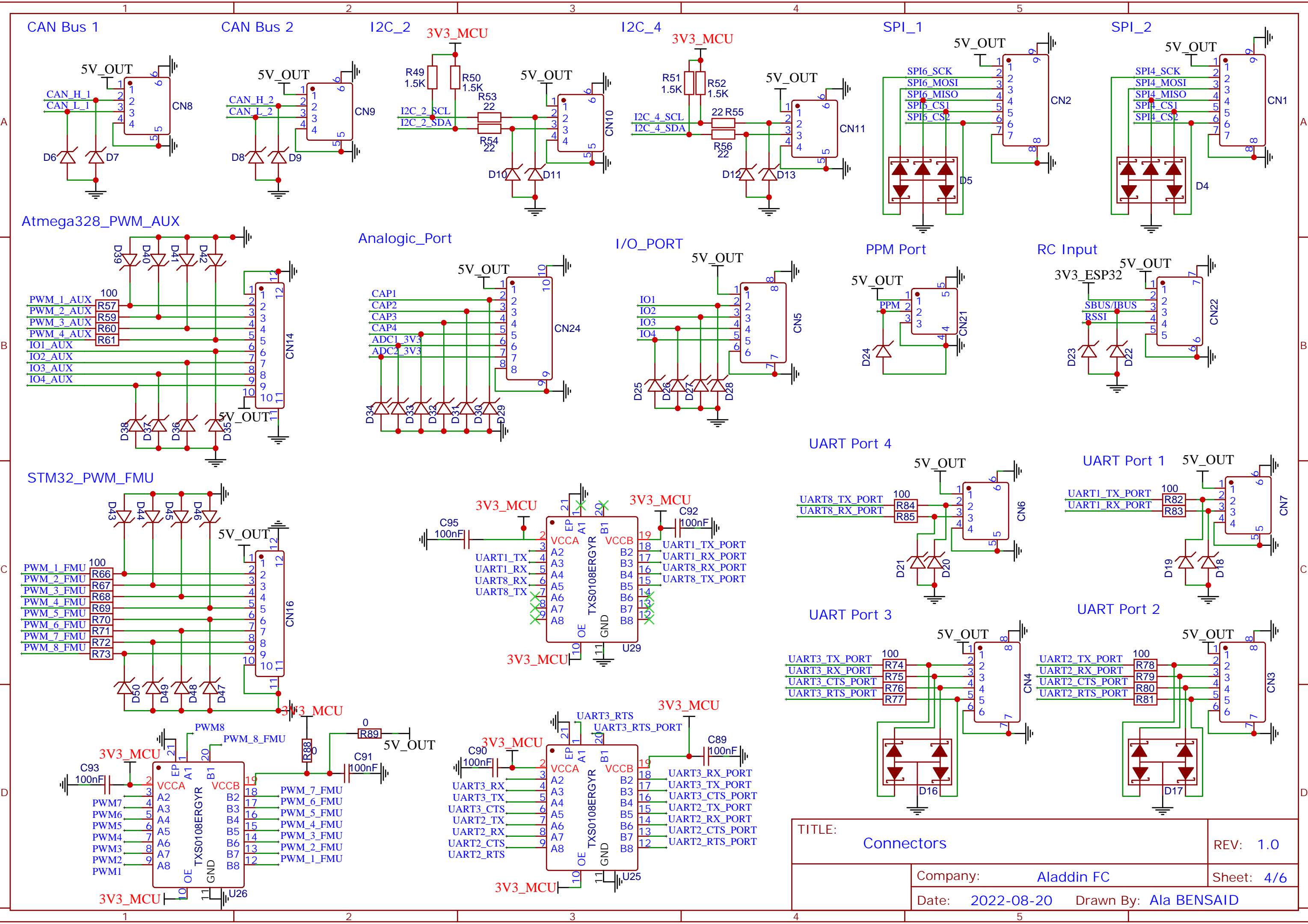


TITLE: STM32H757IIT6 & Power sources		REV: 1.0
Company: Aladdin FC		Sheet: 1/6
Date: 2022-08-20		Drawn By: Ala BENSAID



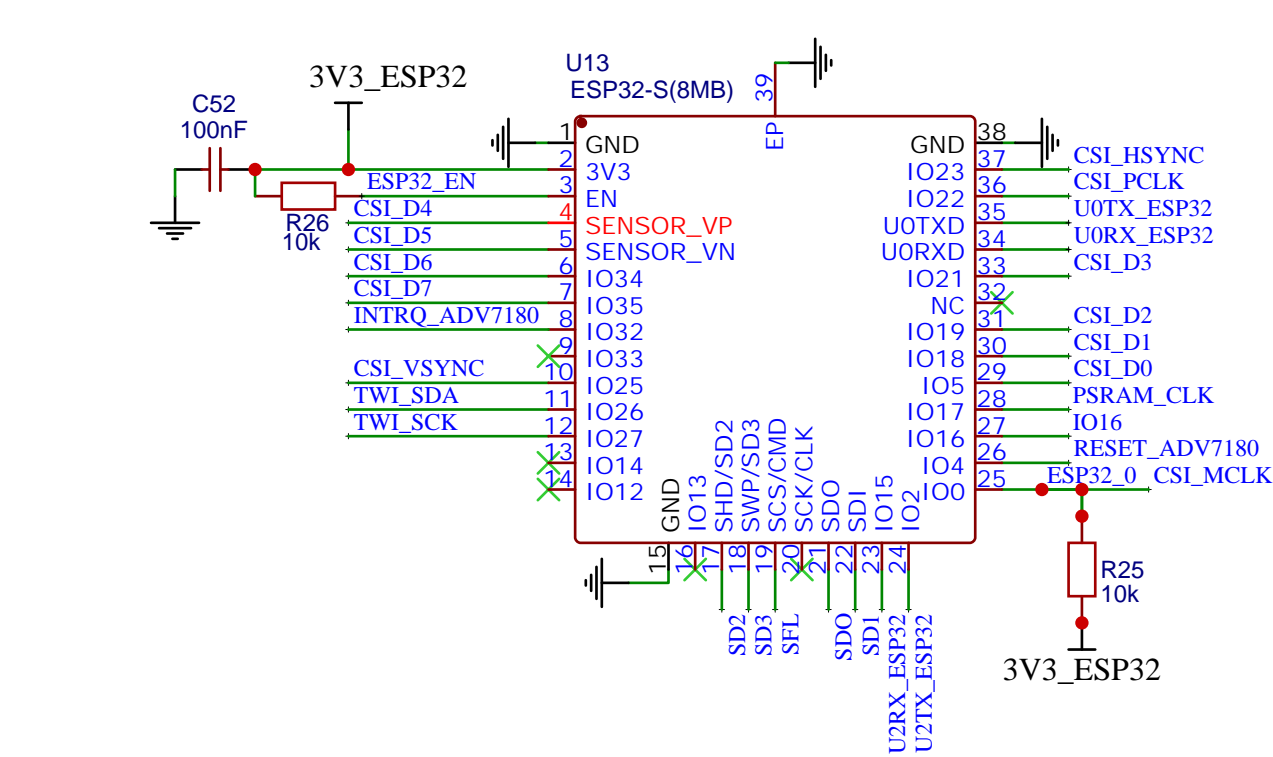
TITLE: On Board Sensor		REV: 1.0
	Company: Aladdin FC	Sheet: 2/6
	Date: 2022-08-20	Drawn By: Ala BENSaid



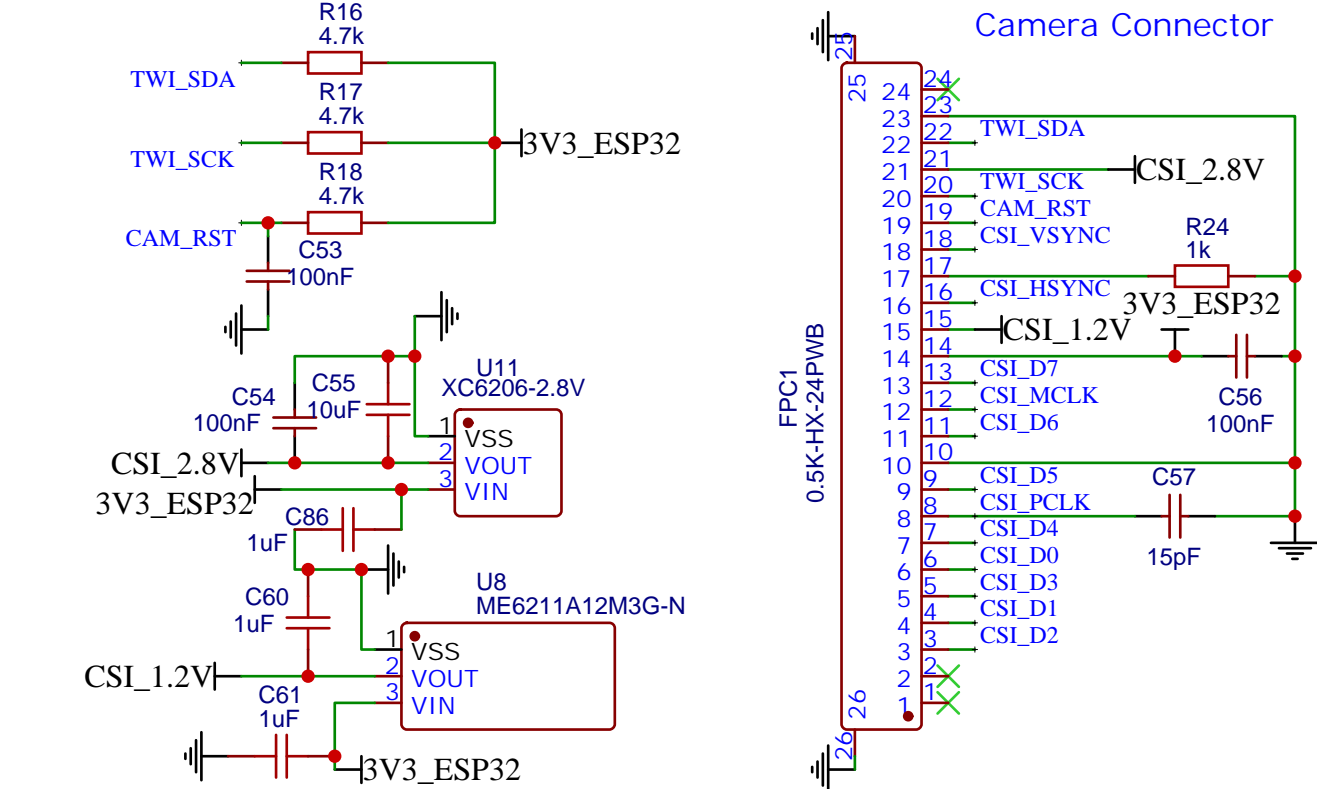


TITLE: Connectors		REV: 1.0
Company: Aladdin FC		Sheet: 4/6
Date: 2022-08-20		Drawn By: Ala BENSaid

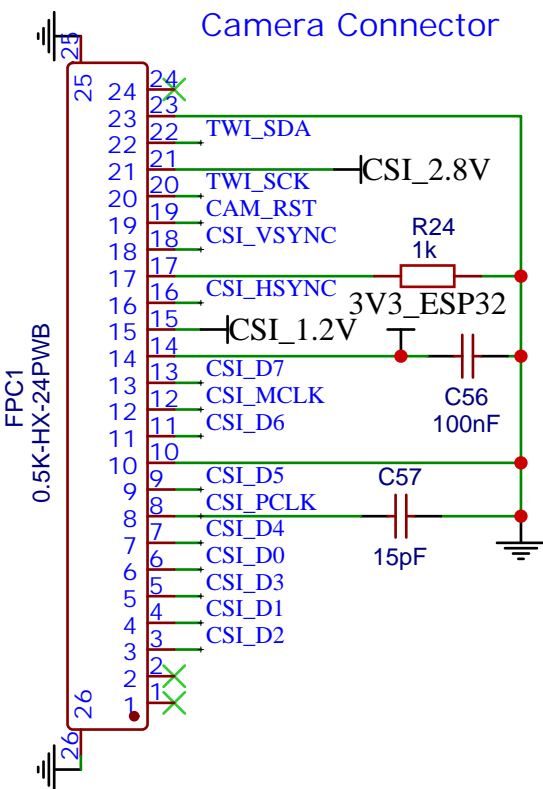
ESP32-S



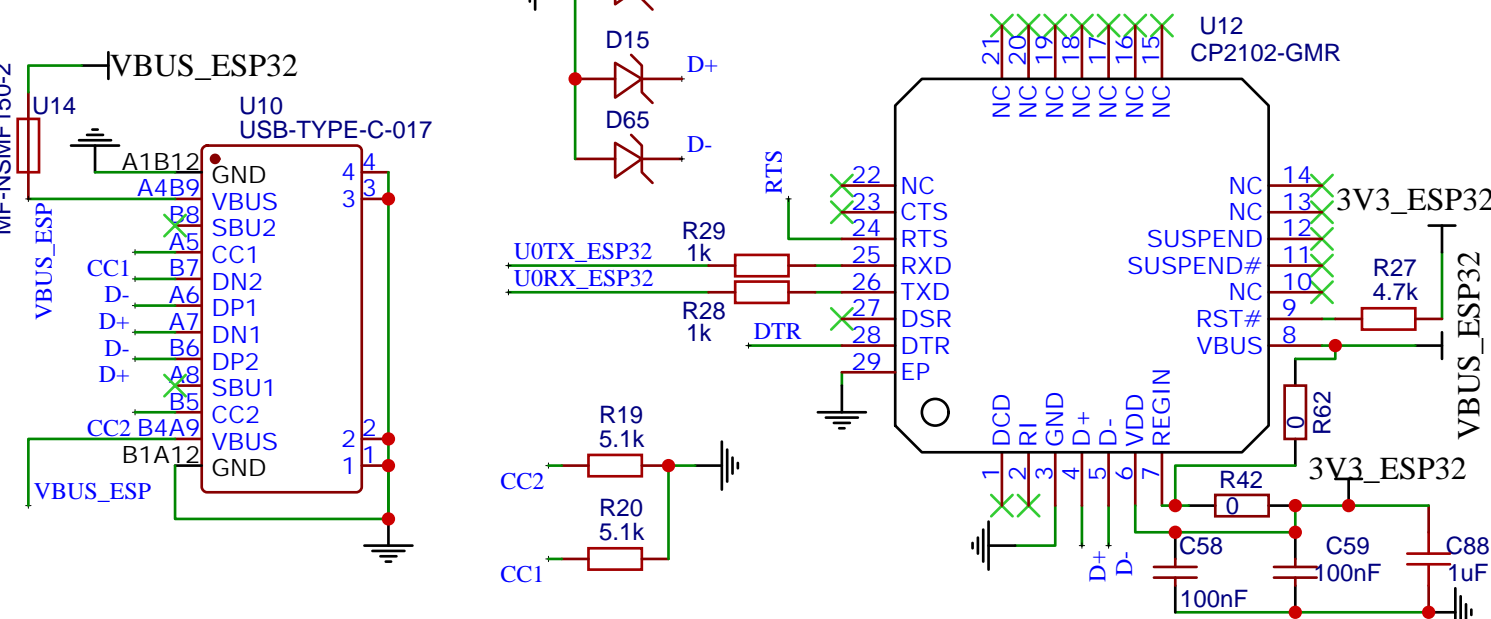
OV2640 Camera



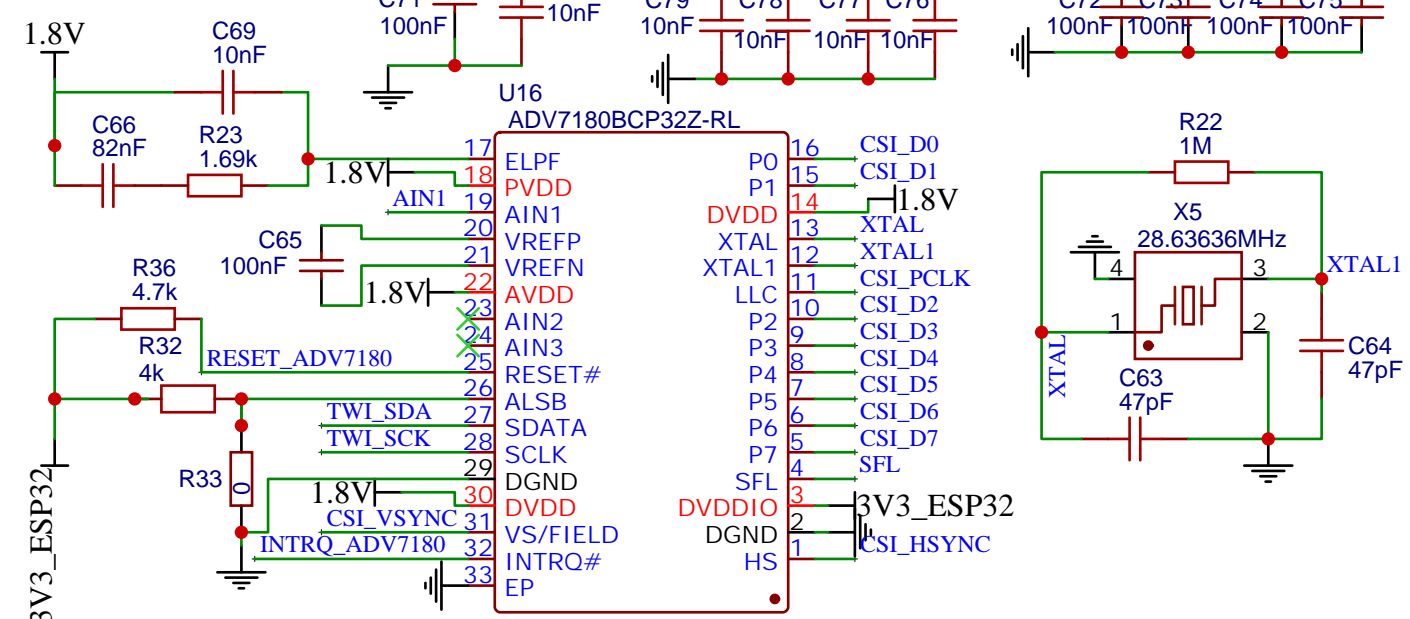
Camera Connector



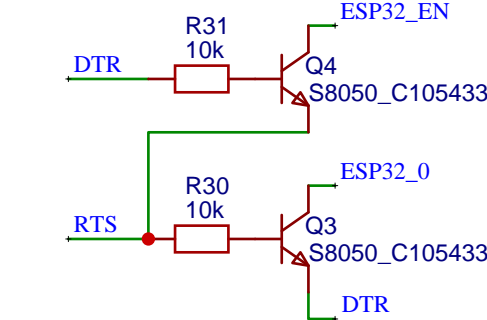
USB & CP2102



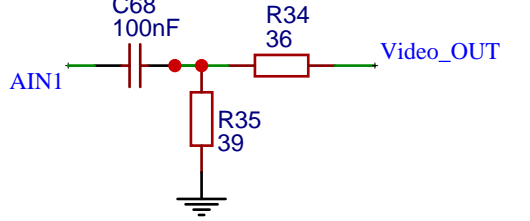
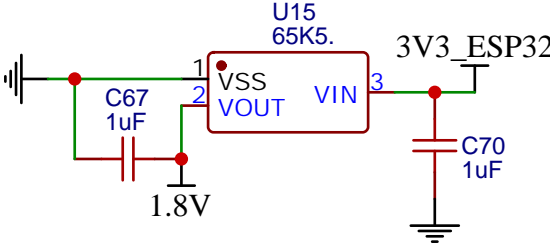
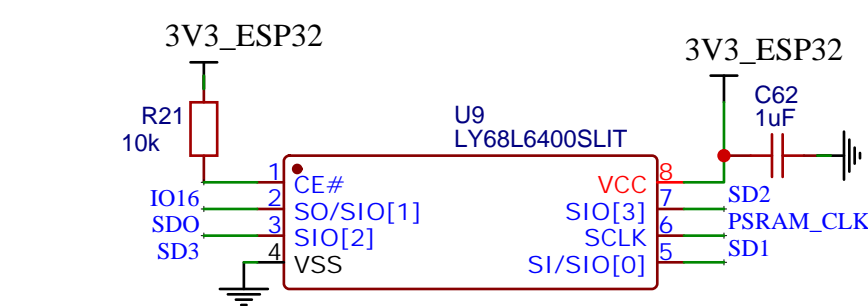
ADV7180



decoupling capacitors

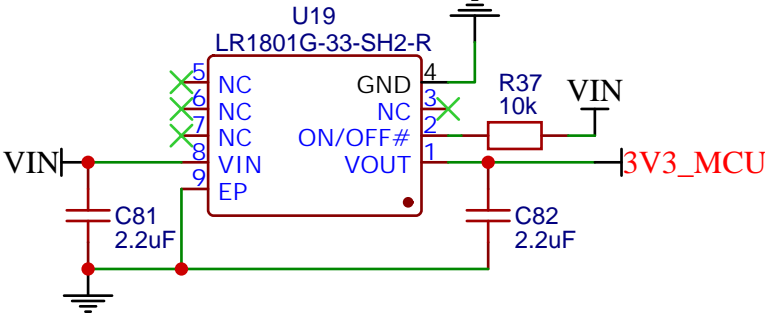
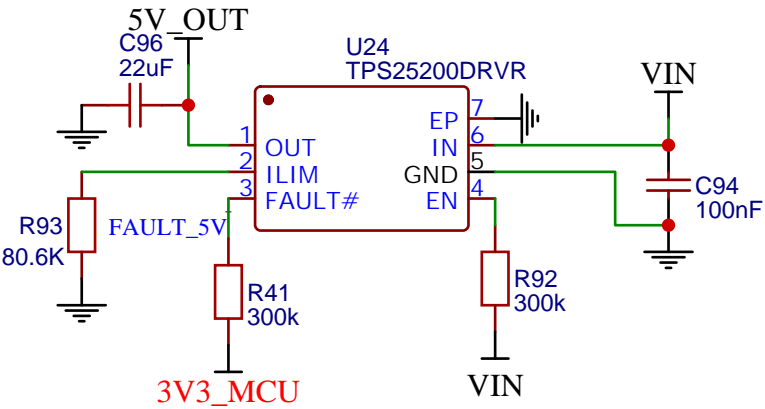
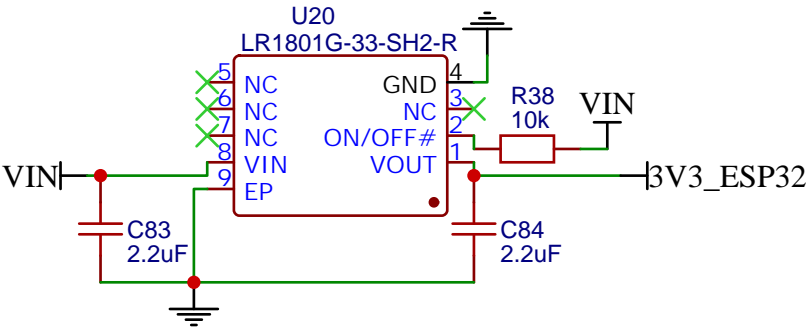
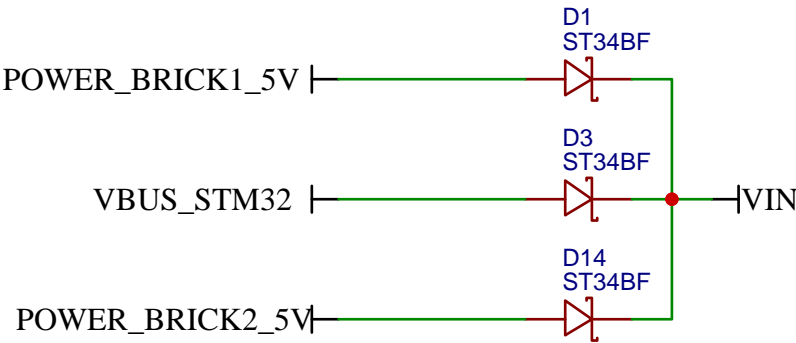


PSRAM

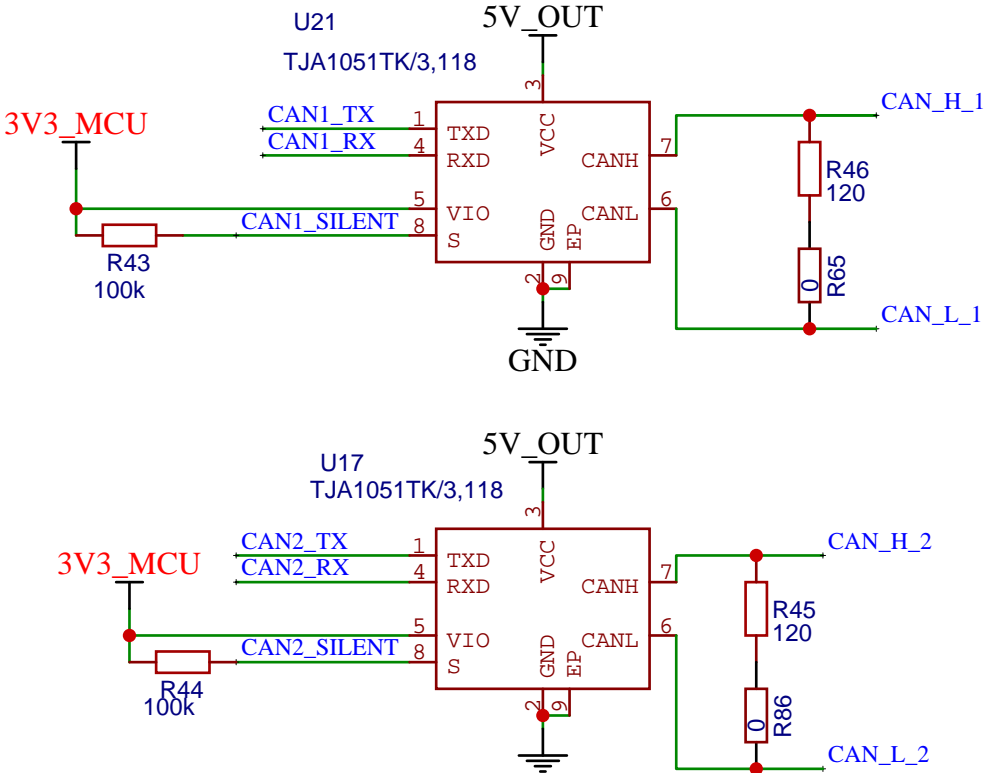


TITLE: WIFI ESP32		REV: 1.0
Company: Aladdin FC		Sheet: 5/6
Date: 2022-10-03		Drawn By: Ala BENSaid

Power Management

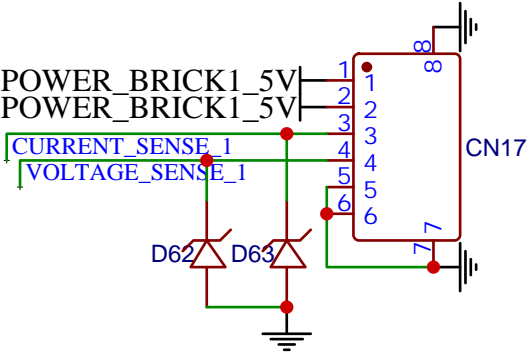


CAN Bus

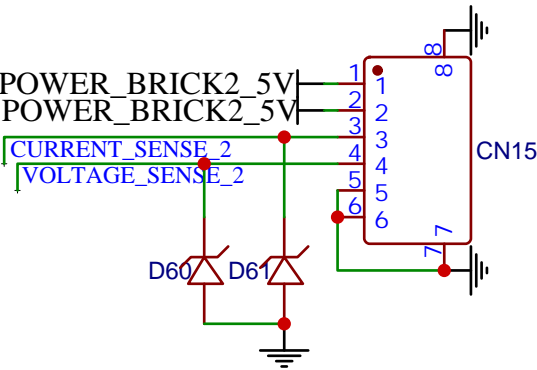


Power Connector

POWER_BRICK_1



POWER_BRICK_2



TITLE: Power & CAN bus		REV: 1.0
	Company: Aladdin FC	Sheet: 6/6
	Date: 2022-10-29	Drawn By: Ala BENSaid