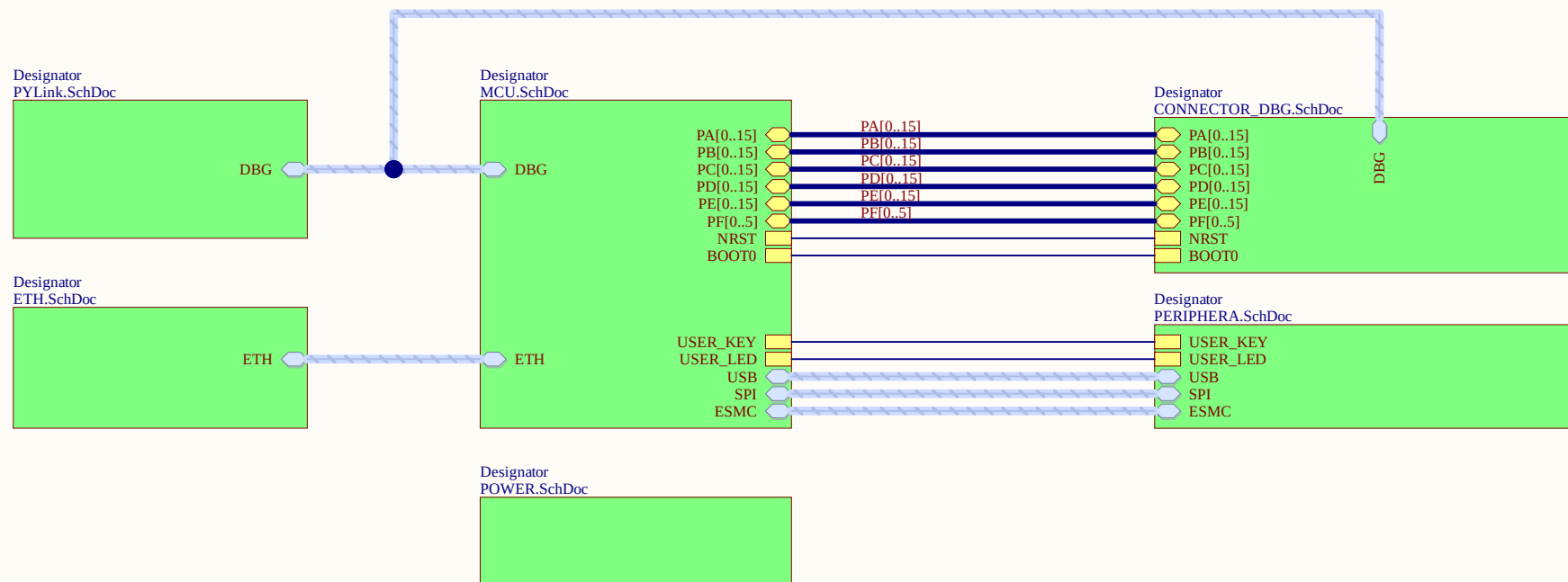
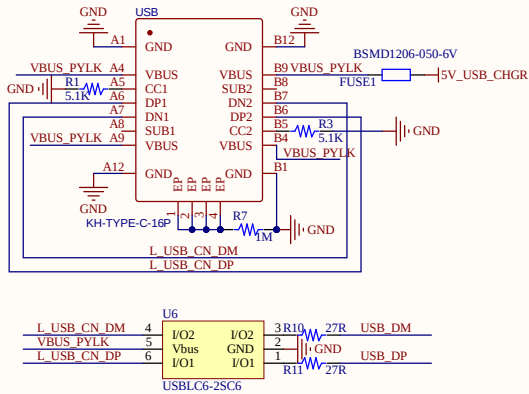
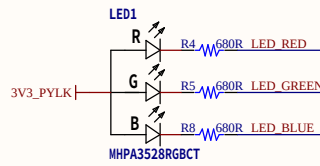




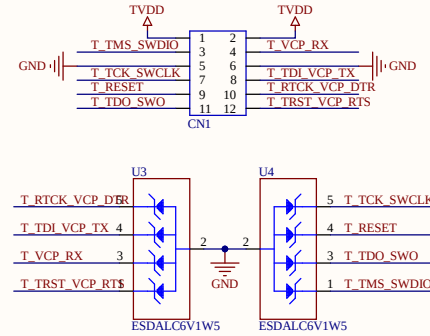
USB



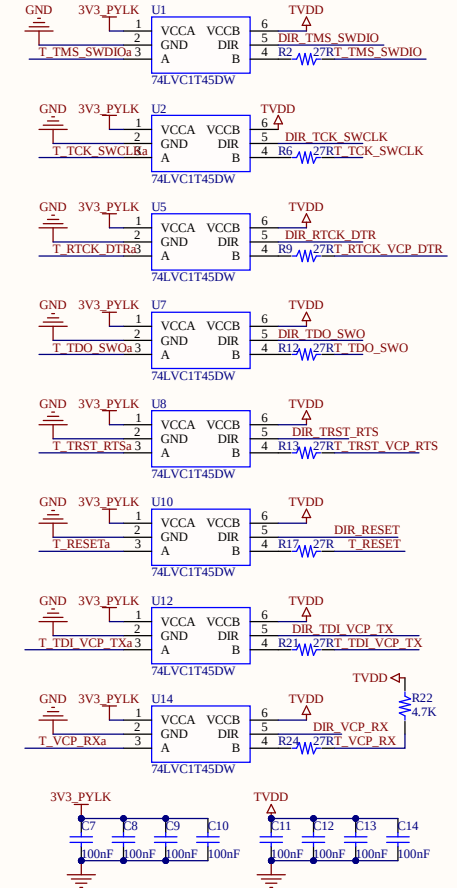
LED



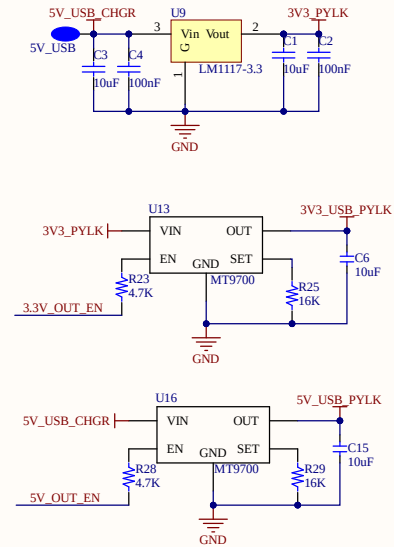
Debug Connector



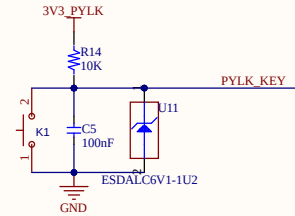
Level Shift



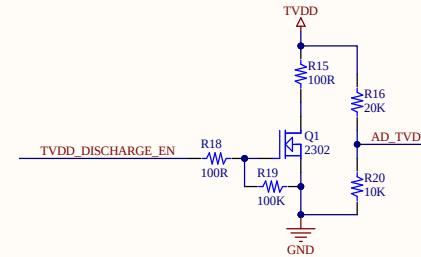
Power



Key



ADC&Electric discharge



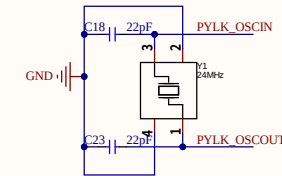
SWD



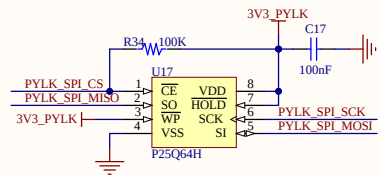
TVDD_Selection



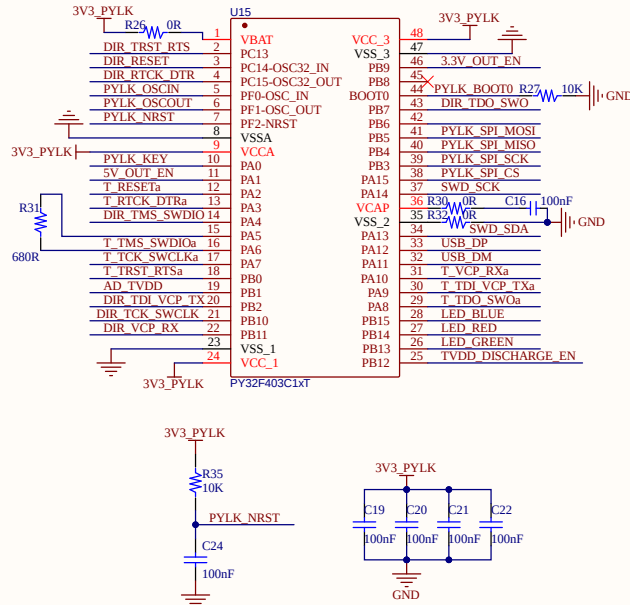
OSC



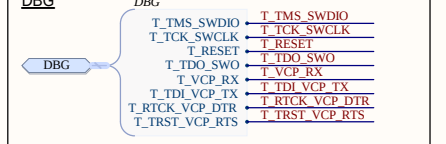
Flash

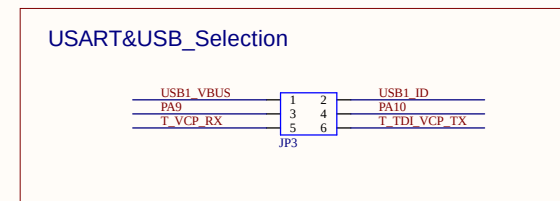
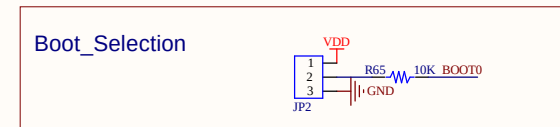
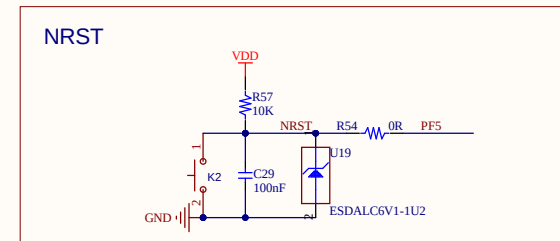
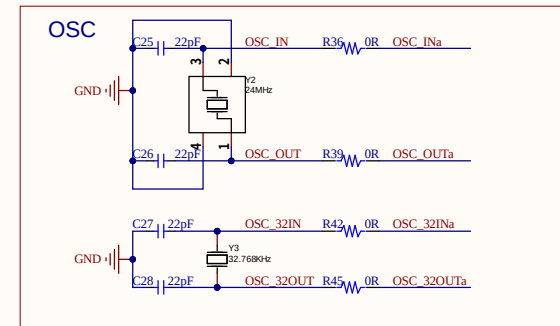
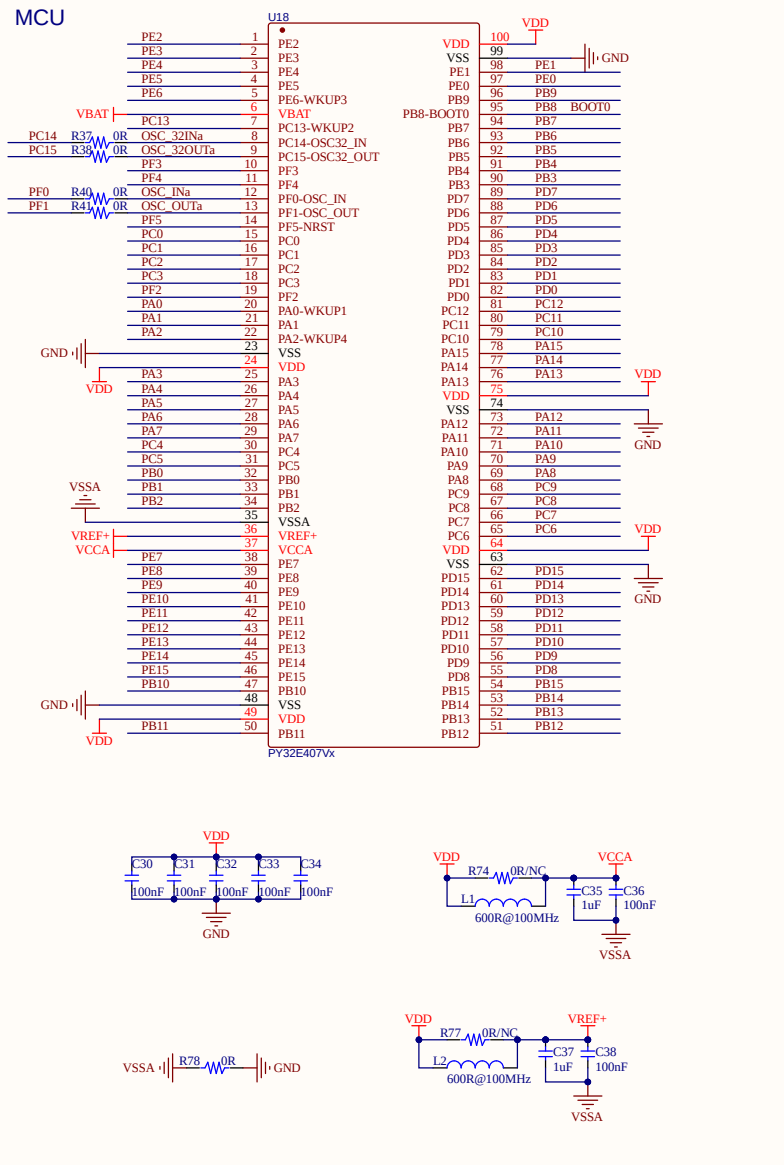
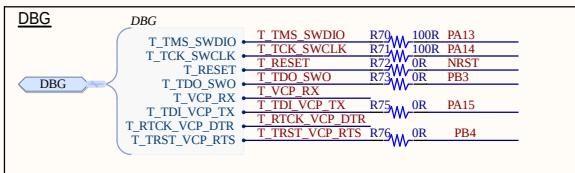
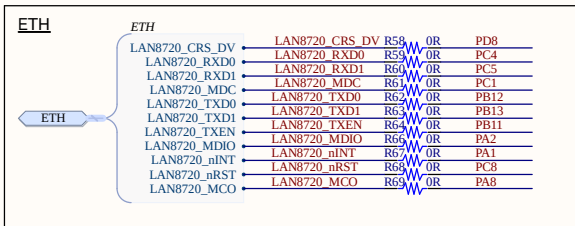
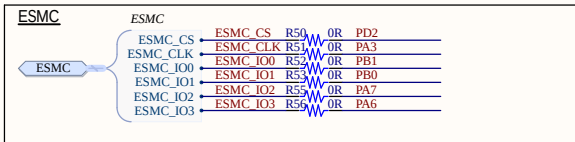
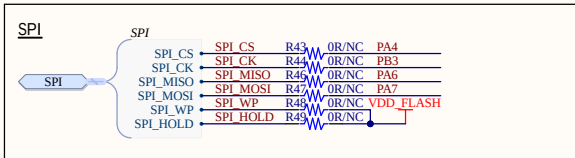
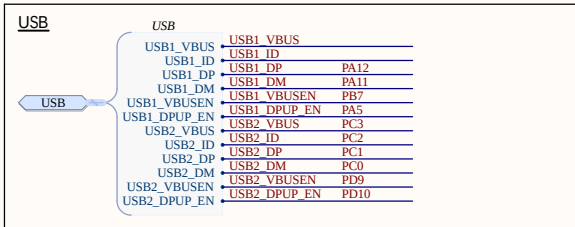


MCU

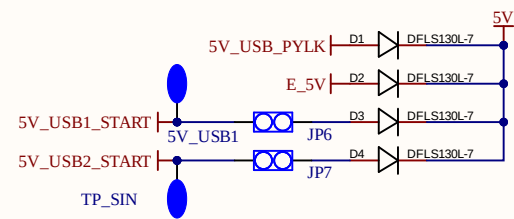


DBG

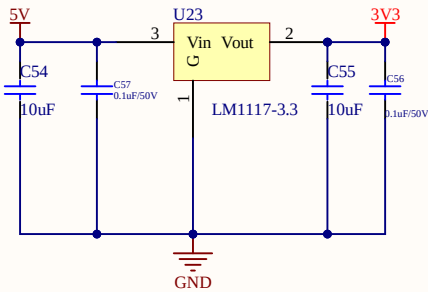




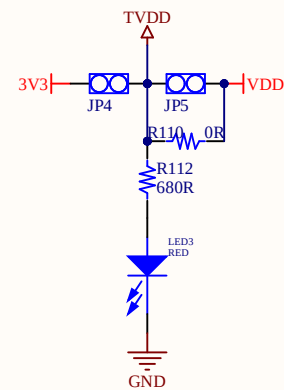
5V_PWR_Selection



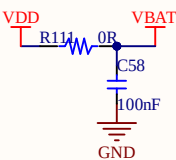
3.3V PWR



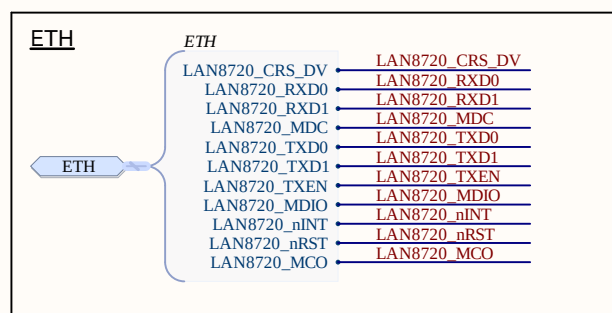
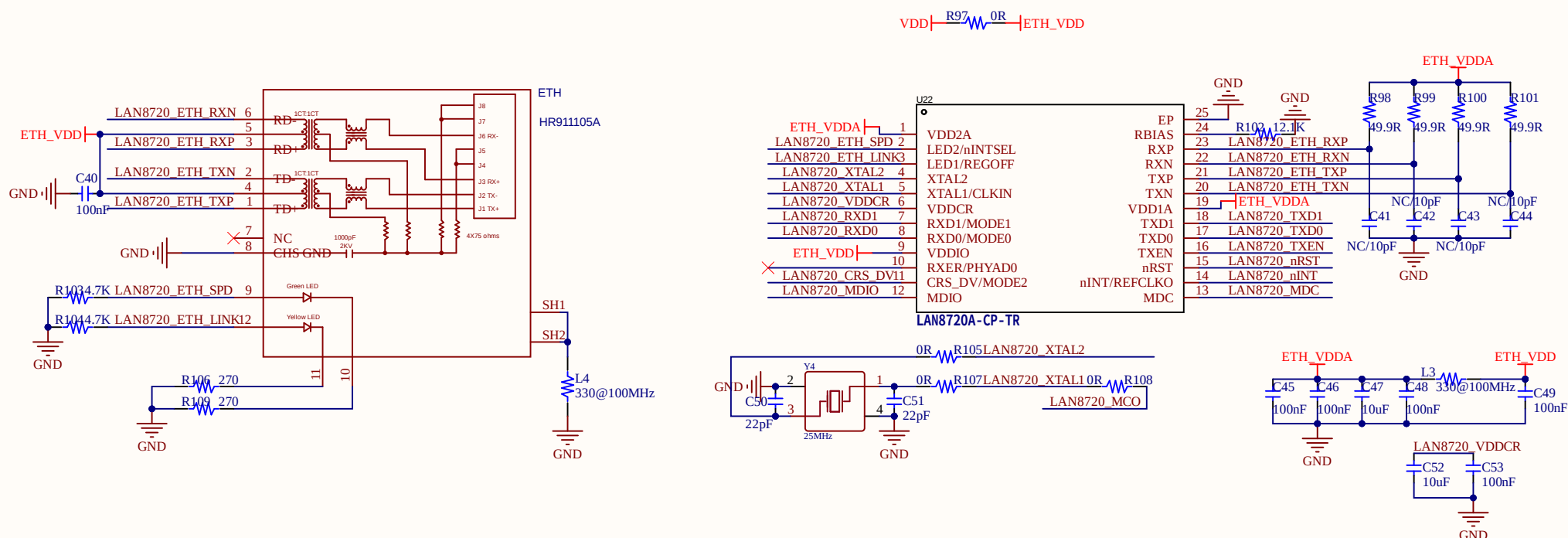
VDD_Selection



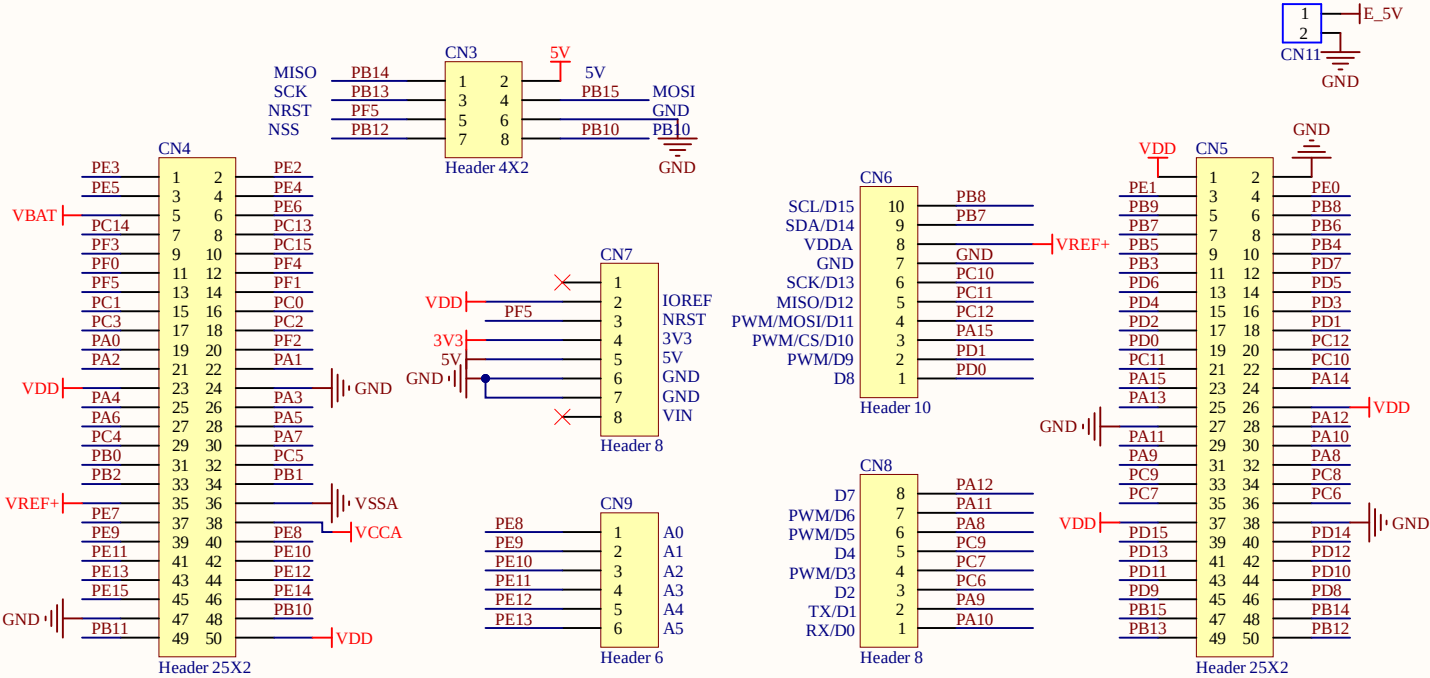
Battery



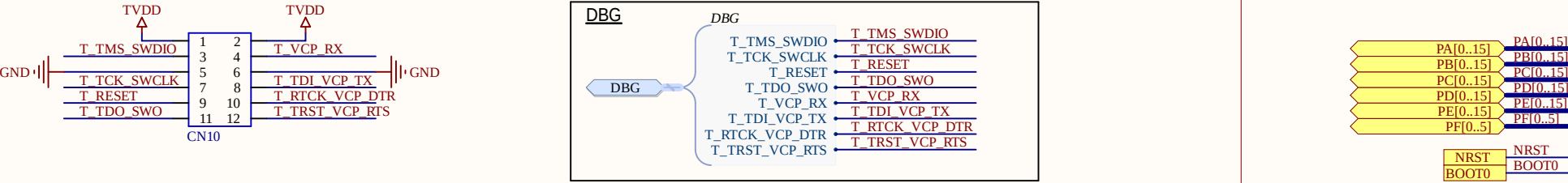
ETH



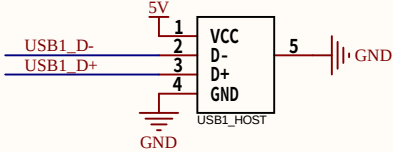
Arduino Connector



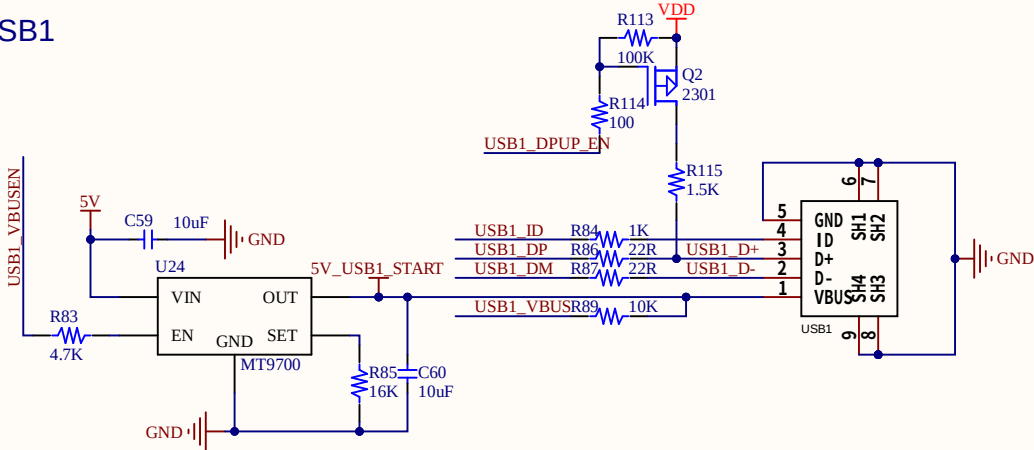
Debug Connector



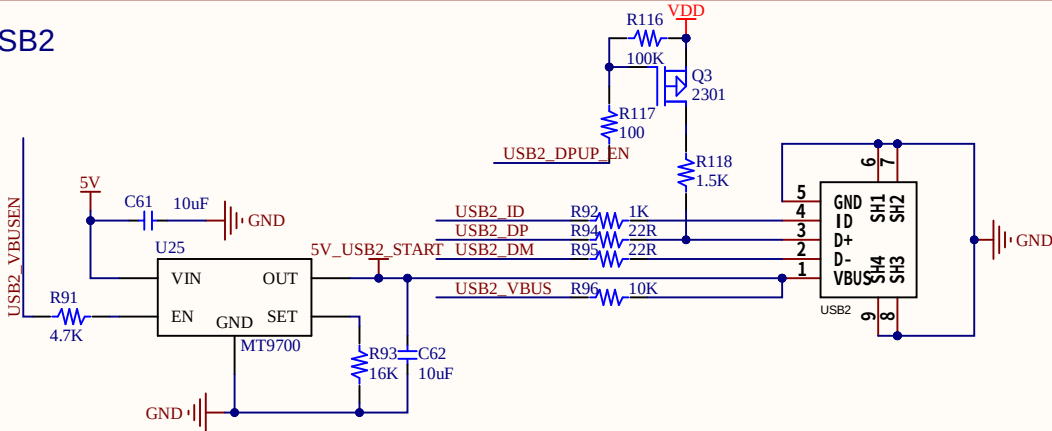
USB1_Host



USB1



USB2



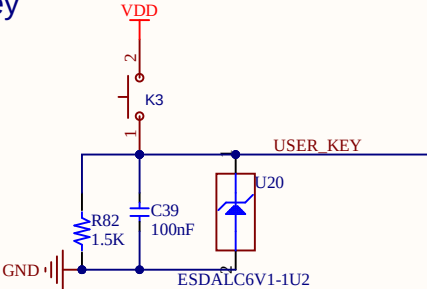
USB

USB	
USB1_VBUS	USB1_VBUS
USB1_ID	USB1_ID
USB1_DP	PA12
USB1_DM	PA11
USB1_VBUSEN	PB7
USB1_DPUP_EN	PA5
USB2_VBUS	PC3
USB2_ID	PC2
USB2_DP	PC1
USB2_DM	PC0
USB2_VBUSEN	PD9
USB2_DPUP_EN	PD10

Led



Key



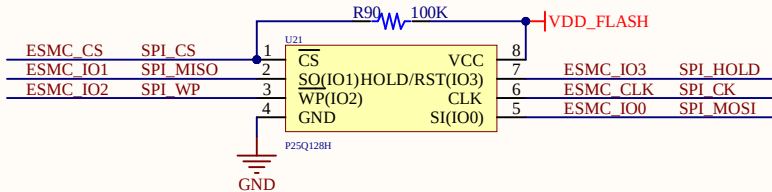
Flash

ESMC Communication

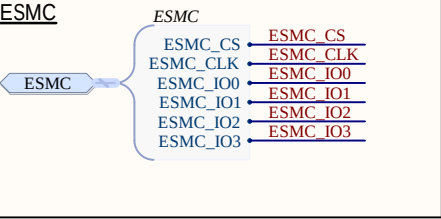
PD2(ESMC_SS1)→CS
PA3(ESMC_CLK)→CLK
PB1(ESMC_IO0)→SI(IO2)
PB0(ESMC_IO1)→SO(IO1)
PA7(ESMC_IO2)→FLASH_WP
PA6(ESMC_IO3)→FLASH_HOLD

SPI Communication

PA4(SPI1_NSS/SPI3_NSS)→CS
PB3(SPI1_SCK/SPI3_SCK)→CLK
PA6(SPI1_MISO/SPI3_MISO)→SO(IO1)
PA7(SPI1_MOSI/SPI3_MOSI)→SI(IO2)
PA7(ESMC_IO2)→FLASH_WP
PA6(ESMC_IO3)→FLASH_HOLD



ESMC



SPI

