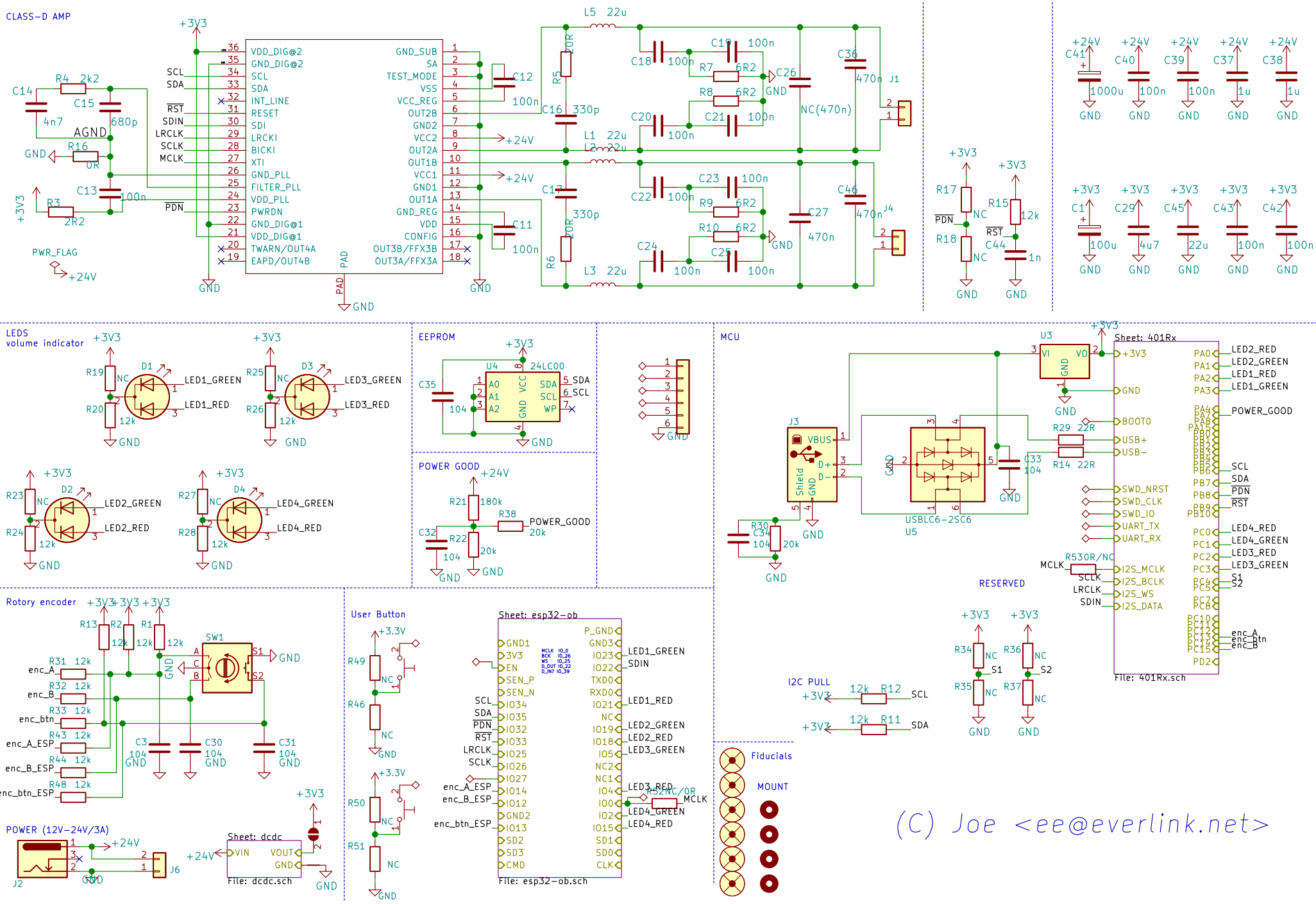
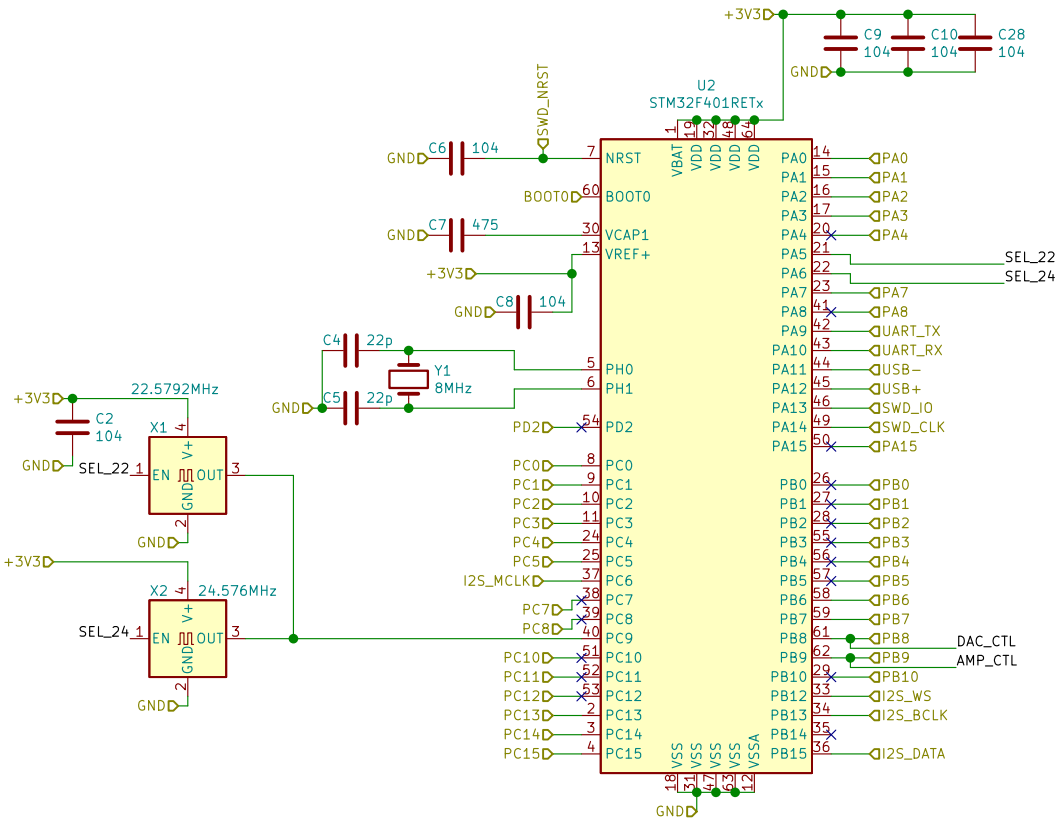
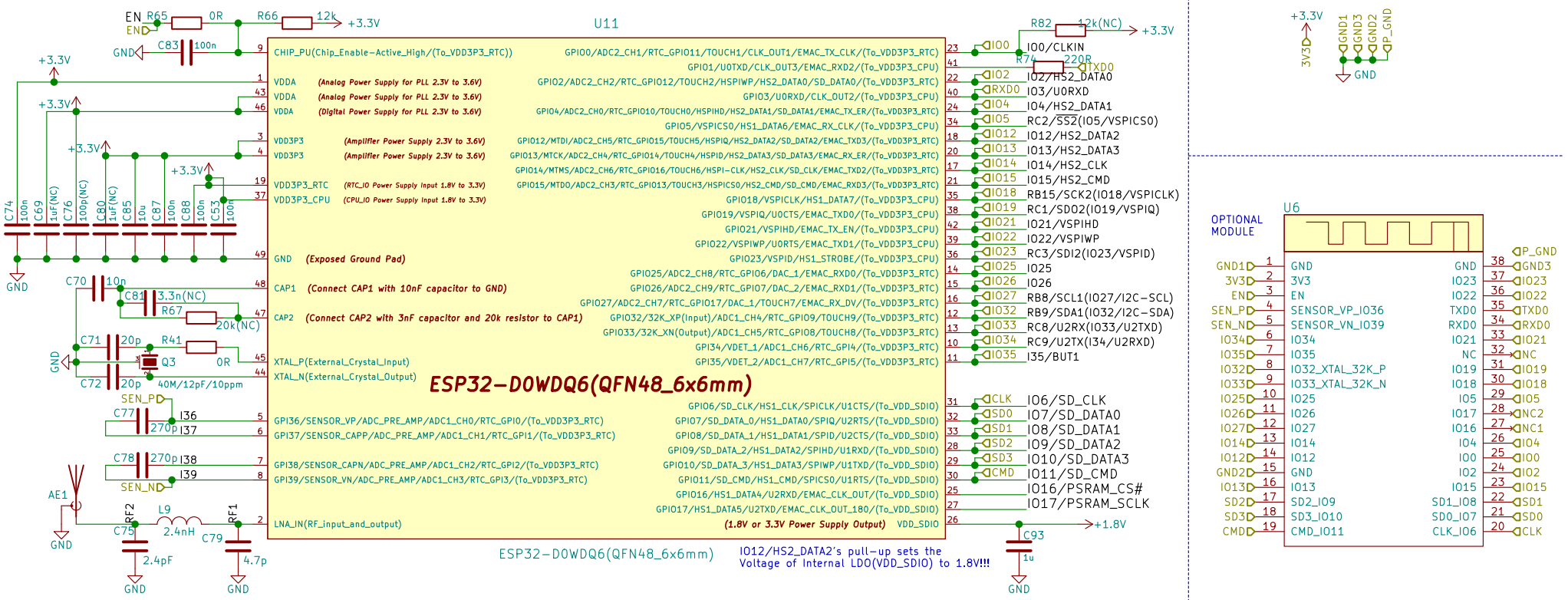
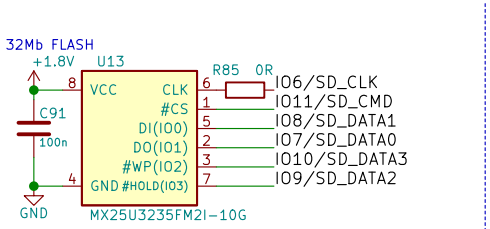
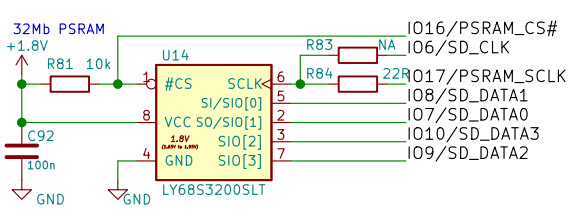

CLASS-D AMP
LEDS
volume indicator
EEPROM
POWER GOOD
MCU
Rotory encoder
User Button
POWER (12V-24V/3A)
I2C PULL
RESERVED
Fiduciales
MOUNT
Sheet: dcdc
File: dcdc.sch
Sheet: esp32-ob
File: esp32-ob.sch
Sheet: 401Rx
File: 401Rx.sch
(C) Joe <ee@everlink.net>

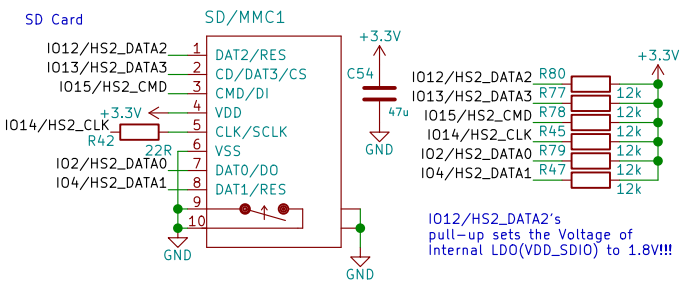
STM32F401Rx









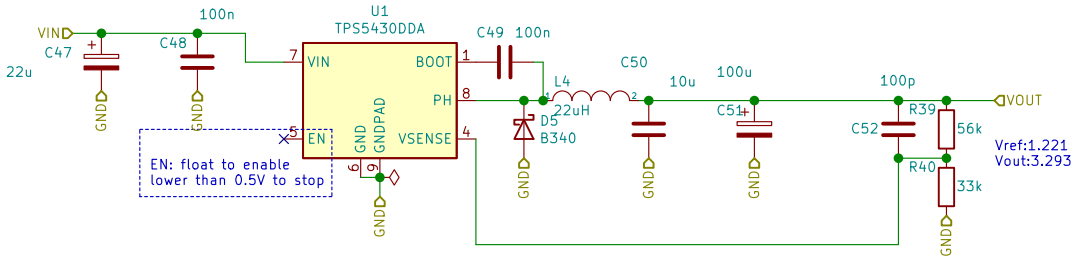


Internal Bootstrapping Resistors	
MTDI/GPIO12:	Pull-Down
GPIO0:	Pull-Up
GPIO2:	Pull-Down
GPIO4:	Pull-Down
MTDO/GPIO15:	Pull-Up
GPIO5:	Pull-Up

Booting Mode			
Pin	Default	SPI Flash Boot	Download Boot
GPIO0	Pull-Up	1	0
GPIO2	Pull-Down	Don't-care	0

Voltage of Internal LDO(VDD_SDIO)			
Pin	Default	3.3V	1.8V
GPIO12/MTDI	Pull-Down	0	1

Debugging Log on U0TXD During Booting			
Pin	Default	U0TXD Toggling	U0TXD Silent
GPIO15/MTDO	Pull-Up	1	0



https://www.ti.com/lit/ds/symlink/tps5430.pdf

priority
1. Cin
2. D
3. L
4. Cout