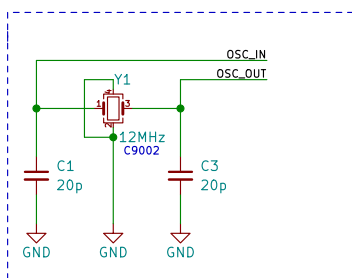


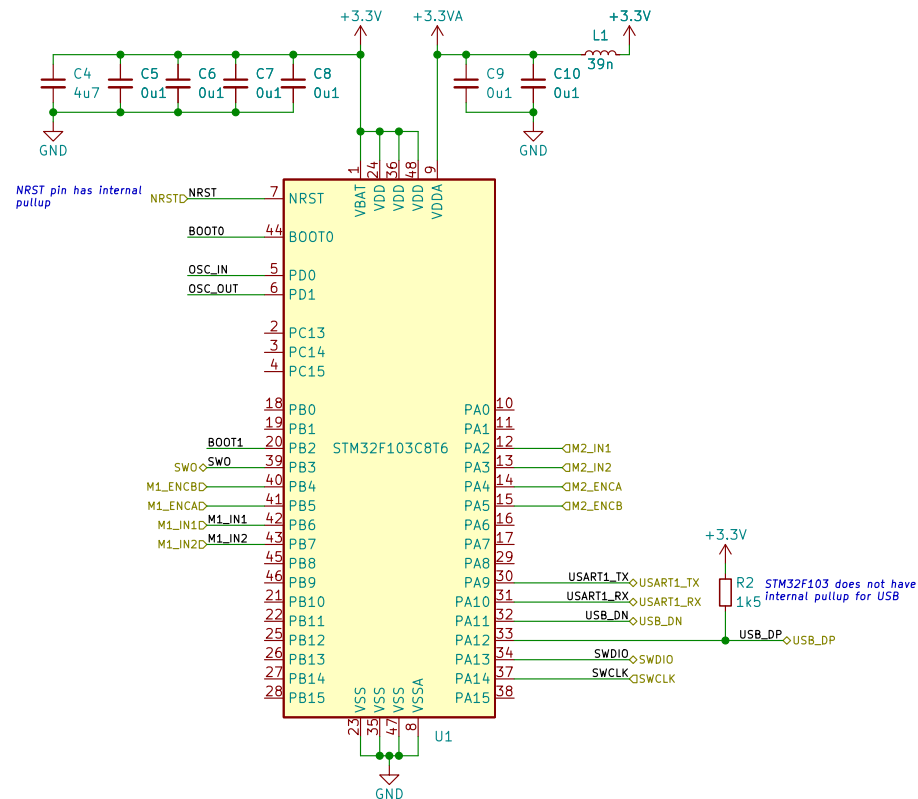
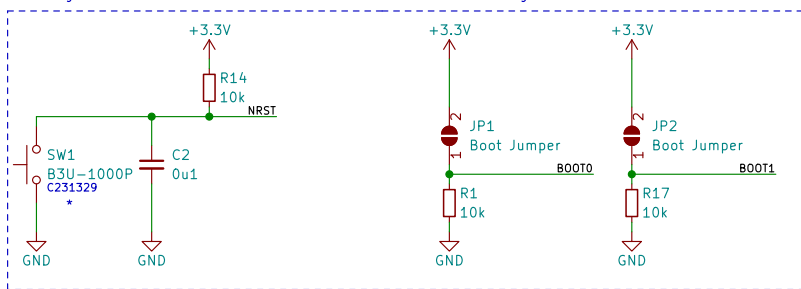
Id: 1/4

External Oscillator

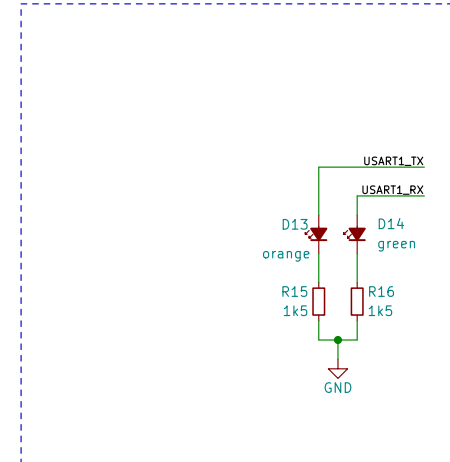


Reset and Boot Circuitry

100nF capacitor to tackle debouncing



Status LEDs



Sampreet SARKAR

Sheet: /Microcontroller/

File: mcu-core.kicad_sch

Title: Posit: A STM32 based DC motor controller

Size: A4

Date:

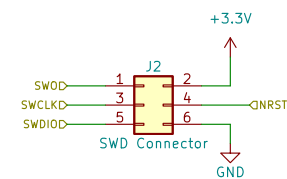
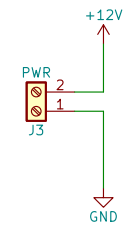
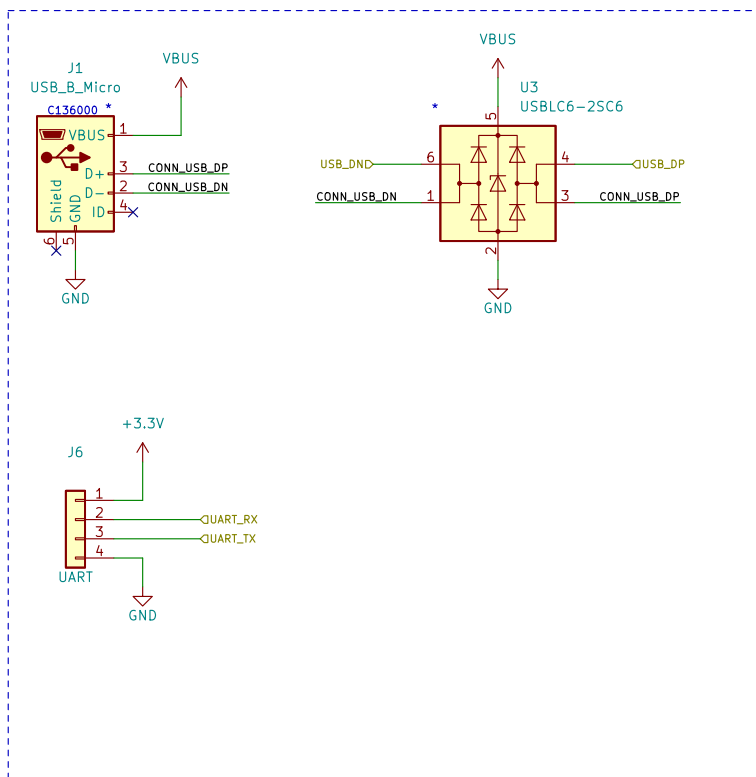
Rev: A

KiCad E.D.A. kicad (6.0.11)

Id: 2/4

Communications

USB Power + Data with ESD protection
UART



Sampreet SARKAR

Sheet: /Connectors/

File: connectors.kicad_sch

Title: Posit: A STM32 based DC motor controller

Size: A4

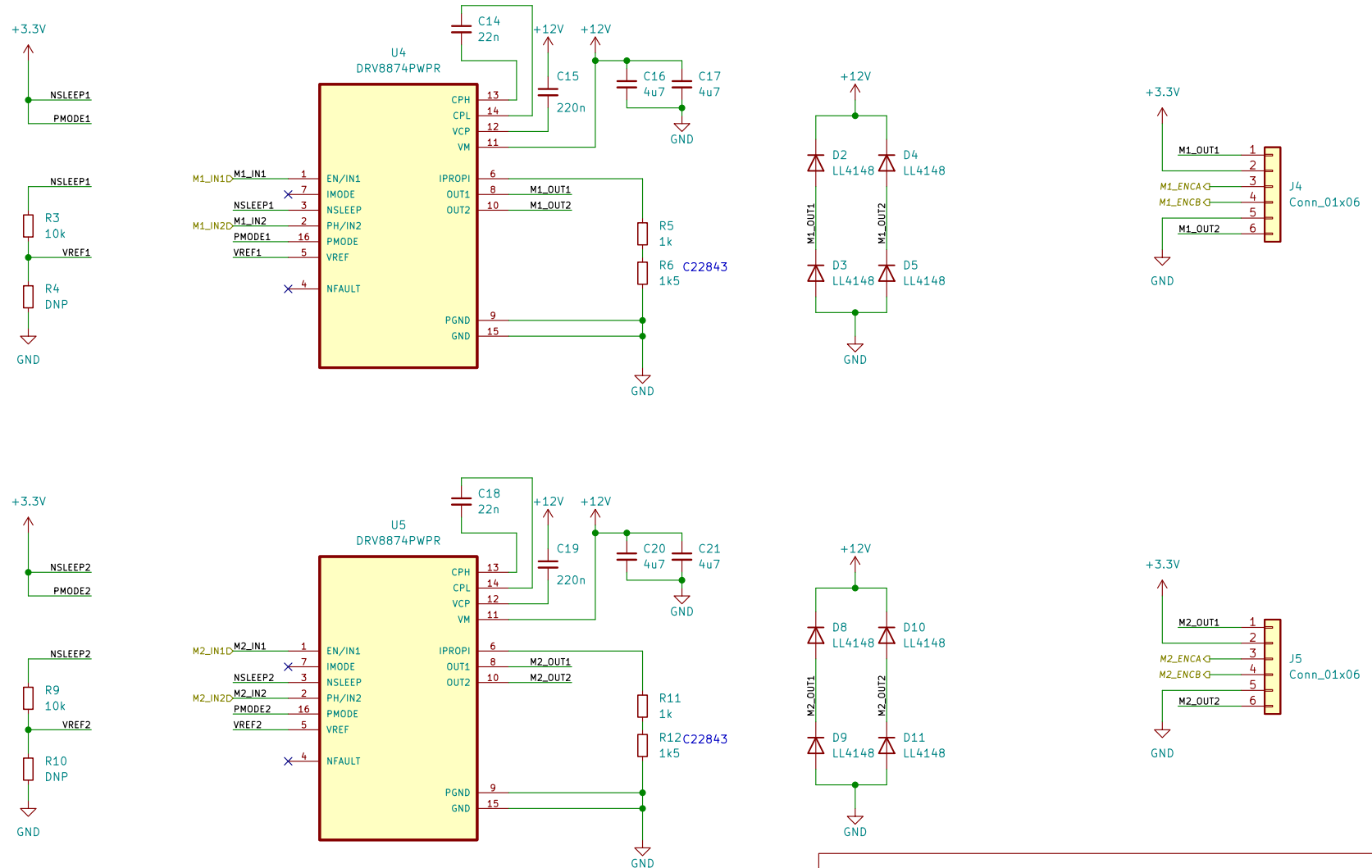
Date:

Rev: A

KiCad E.D.A. kicad (6.0.11)

Id: 3/4

Driving in PWM (IN/IN) mode.
 Taken from Pololu's Website:
<https://www.pololu.com/product/4035/pictures#lightbox-picture0J11429>



Sampreet SARKAR

Sheet: /Motor Driver/
 File: motor-driver.kicad_sch

Title: Posit: A STM32 based DC motor controller

Size: A4
 KiCad E.D.A. kicad (6.0.11)

Date:

Rev: A
 Id: 4/4