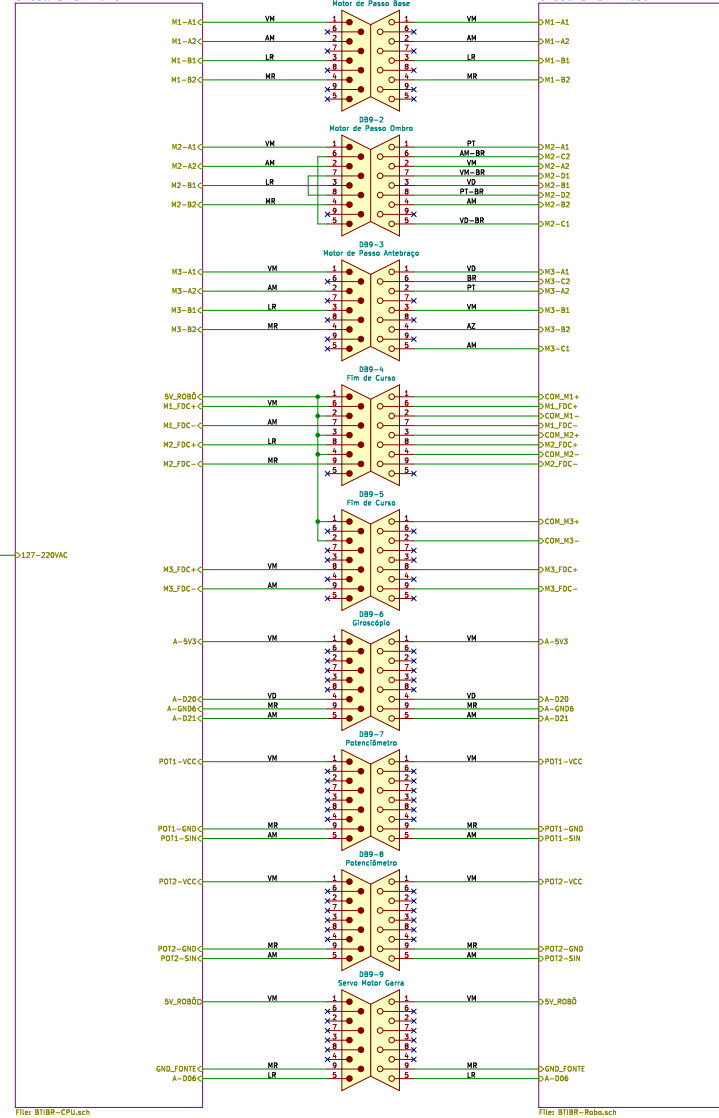
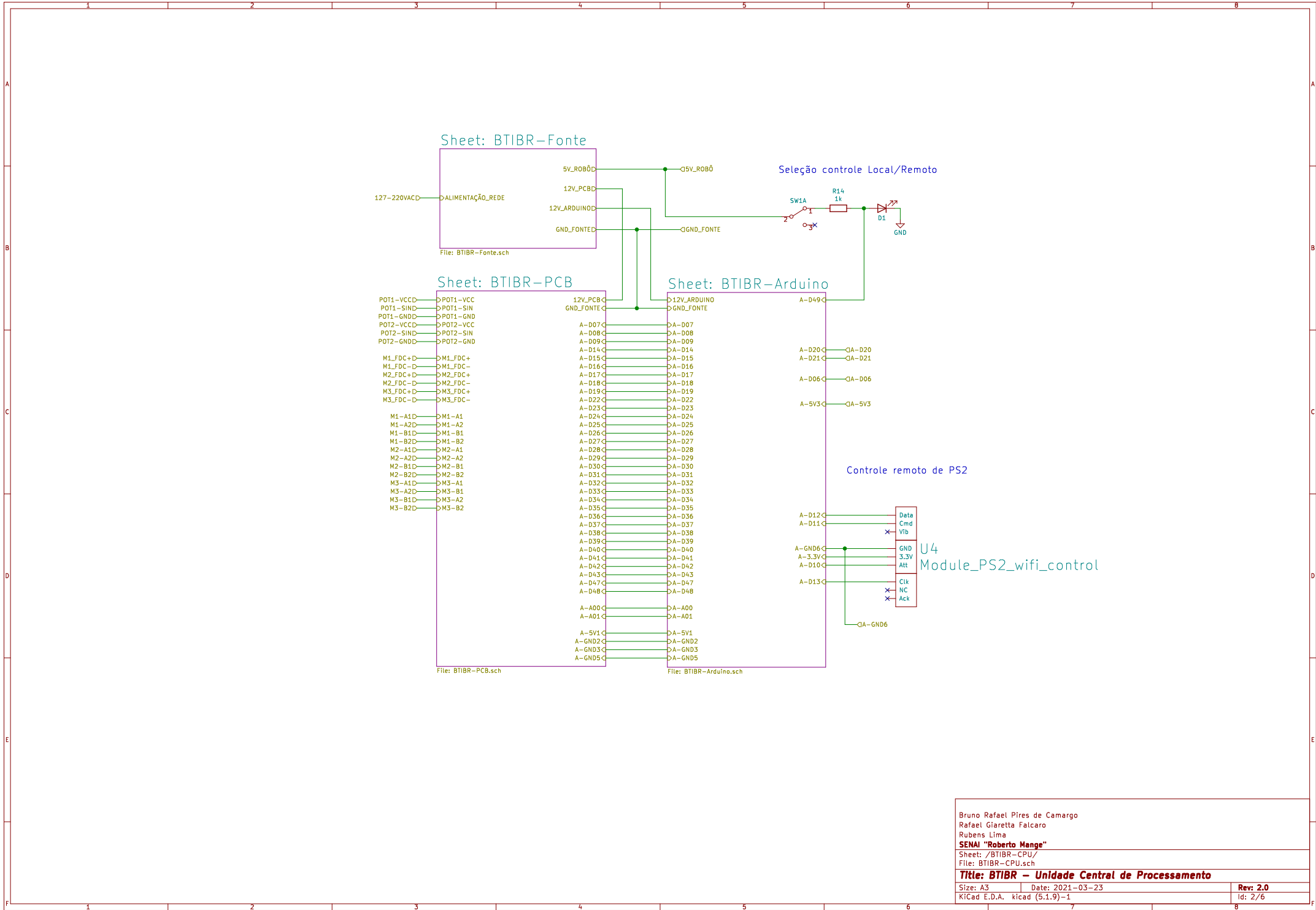


Sheet: BTIBR-CPU



Sheet: BTIBR-Robo



Bruno Rafael Pires de Camargo  
Rafael Garetta Falcaro  
Rubens Lima  
**SENAI "Roberto Mange"**  
Sheet: /BTIBR-CPU/  
File: BTIBR-CPU.sch

**Title: BTIBR - Unidade Central de Processamento**

Size: A3 Date: 2021-03-23  
KiCad E.D.A. kicad (5.1.9)-1

Rev: 2.0  
Id: 2/6

# KP-522 500W



ALIMENTAÇÃO\_REDE

>12V\_ARDUINO

>12V\_PCB

>5V\_ROBÔ

>GND\_FONTE

Bruno Rafael Pires de Camargo  
Rafael Giaretta Falcaro  
Rubens Lima

**SENAI "Roberto Mange"**

Sheet: /BTIBR-CPU/BTIBR-Fonte/  
File: BTIBR-Fonte.sch

**Title: BTIBR – Fonte de Alimentação**

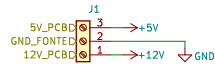
Size: A4 Date: 2021-03-23

KiCad E.D.A. kicad (5.1.9)-1

**Rev: 2.0**

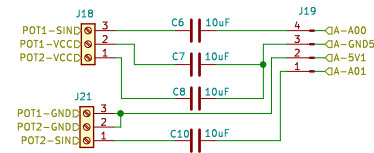
Id: 3/6

### Alimentação

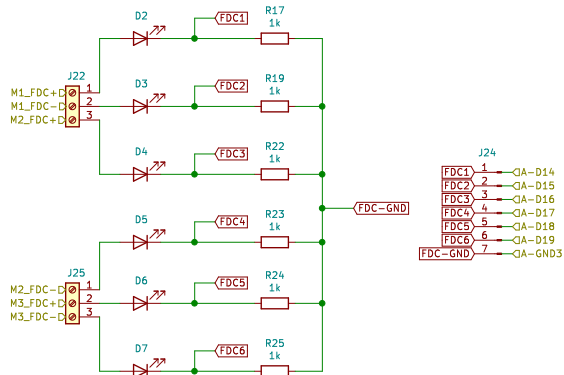


### Regulação 8V (Motor 3)

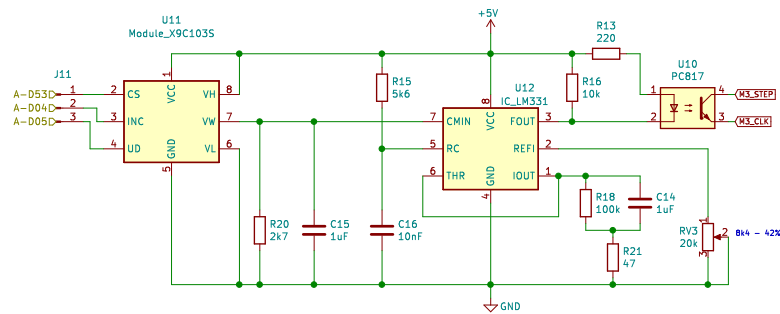
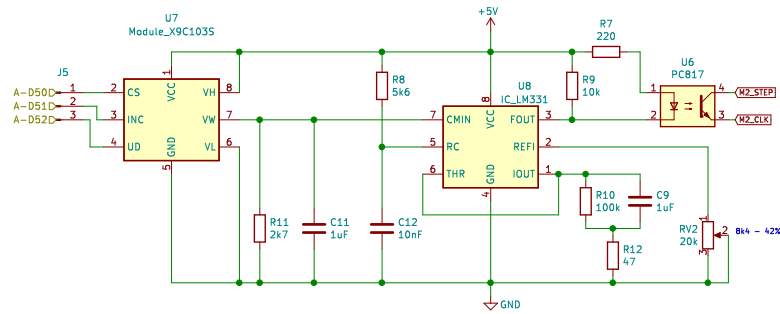
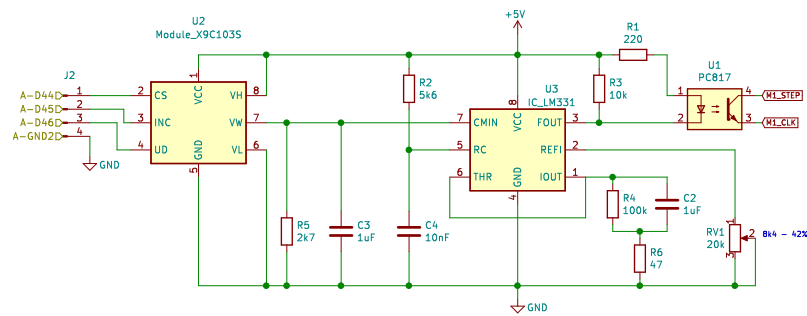
### Filtro sinal potenciômetros



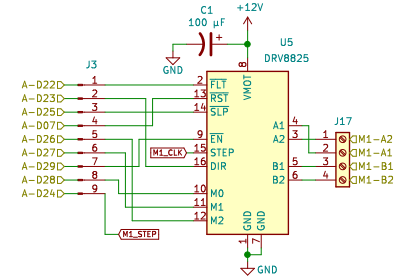
### Sinais fins de curso mecânico



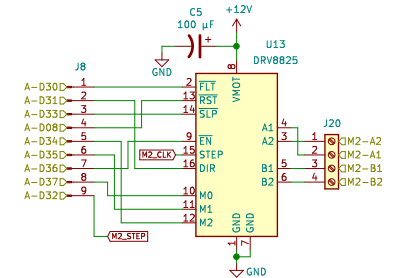
### Geradores de Clock



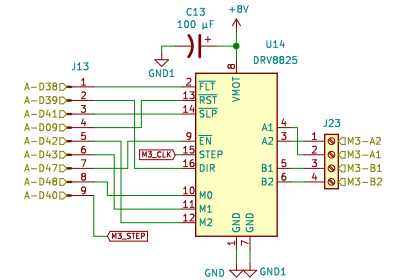
### M1 – BASE (Rz)



### M2 – OMBRO (Rx1)



### M3 – ANTEBRAÇO (Rx2)

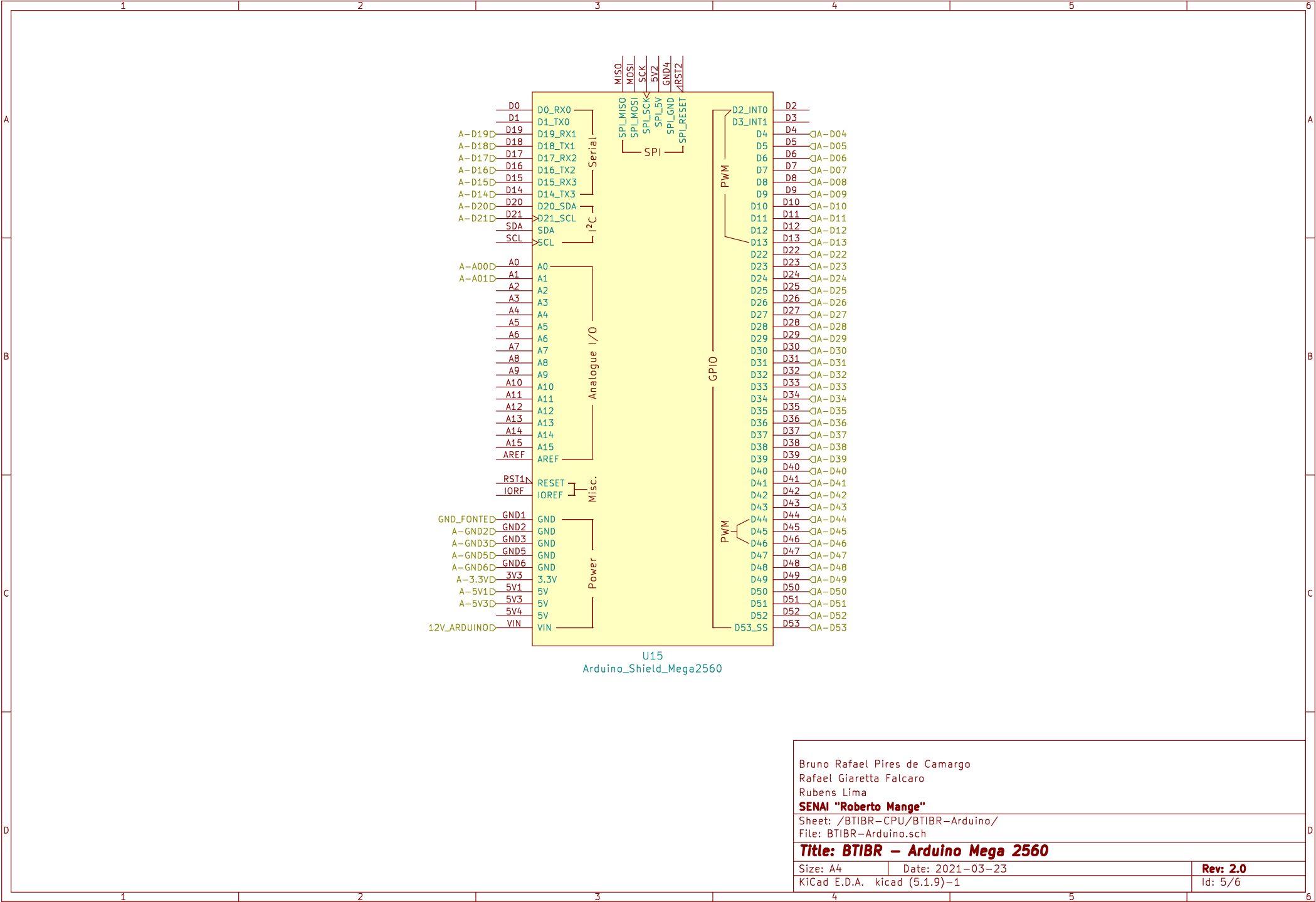


Bruno Rafael Pires de Camargo  
Rafael Giarretta Falcão  
Rubens Lima  
SENAI "Roberto Mange"  
Sheet: /BTIBR-CPU/BTIBR-PCB/  
File: BTIBR-PCB.sch

**Title: BTIBR – PCB**

Size: A3 Date: 2021-03-23  
KICad E.D.A. kicad (5.1.9)-1

Rev: 2.0  
Id: 4/6



Bruno Rafael Pires de Camargo  
Rafael Giaretta Falcaro  
Rubens Lima

**SENAI "Roberto Mange"**

Sheet: /BTIBR-CPU/BTIBR-Arduino/  
File: BTIBR-Arduino.sch

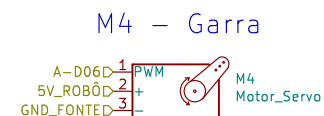
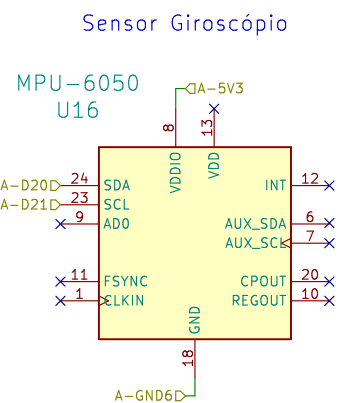
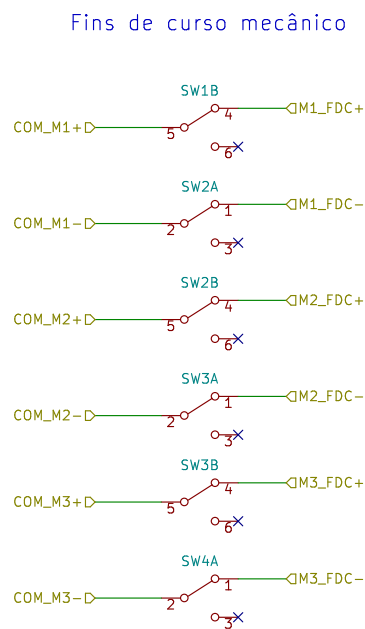
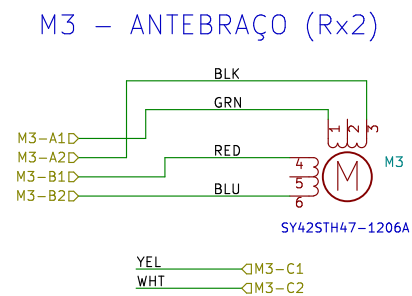
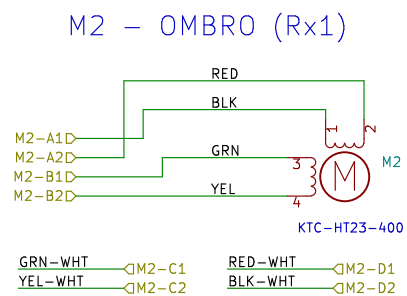
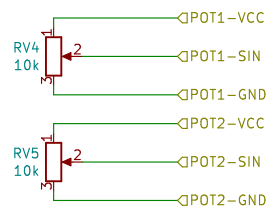
**Title: BTIBR – Arduino Mega 2560**

Size: A4 Date: 2021-03-23

KiCad E.D.A. kicad (5.1.9)-1

**Rev: 2.0**

Id: 5/6



Size: A4	Date: 2021-03-23
KiCad E.D.A. kicad (5.1.9)-1	

Rev: 2.0
Id: 6/6