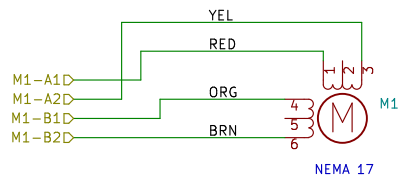
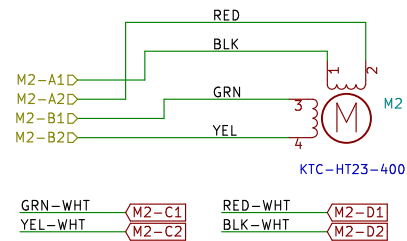


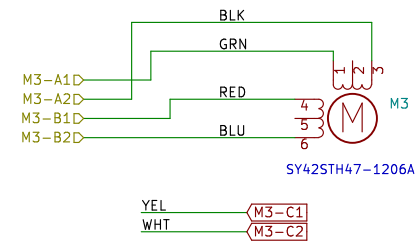
M1 – Base (Rz)



M2 – Ombro (Rx1)



M3 – Antebraço (Rx2)



M4 – XXX



M5 – XXX



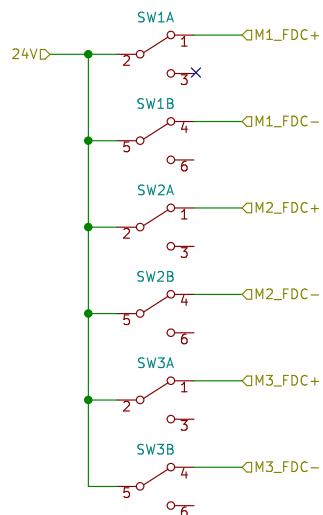
M6 – XXX



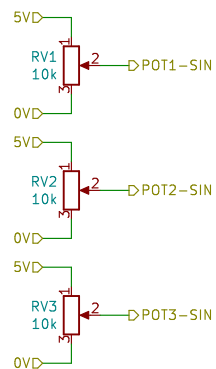
M7 – Garra



Chaves fim de curso



Potenciômetros



Bruno Rafael Pires de Camargo
Lucas Melaré
Rafael Giarretta Falcaro
Rubens Lima

SENAI "Roberto Mange"

Sheet: /BTIBR-Robo/
File: BTIBR-Robo.sch

Title: Braço Robótico

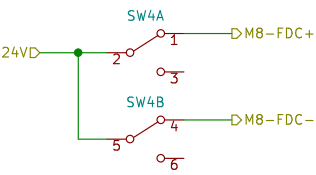
Size: A4 Date: 2021-07-31

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

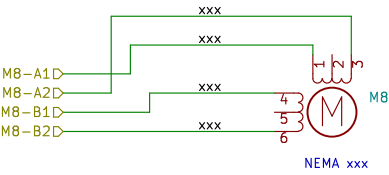
Rev: 3.0

Id: 2/8

Chaves fim de curso



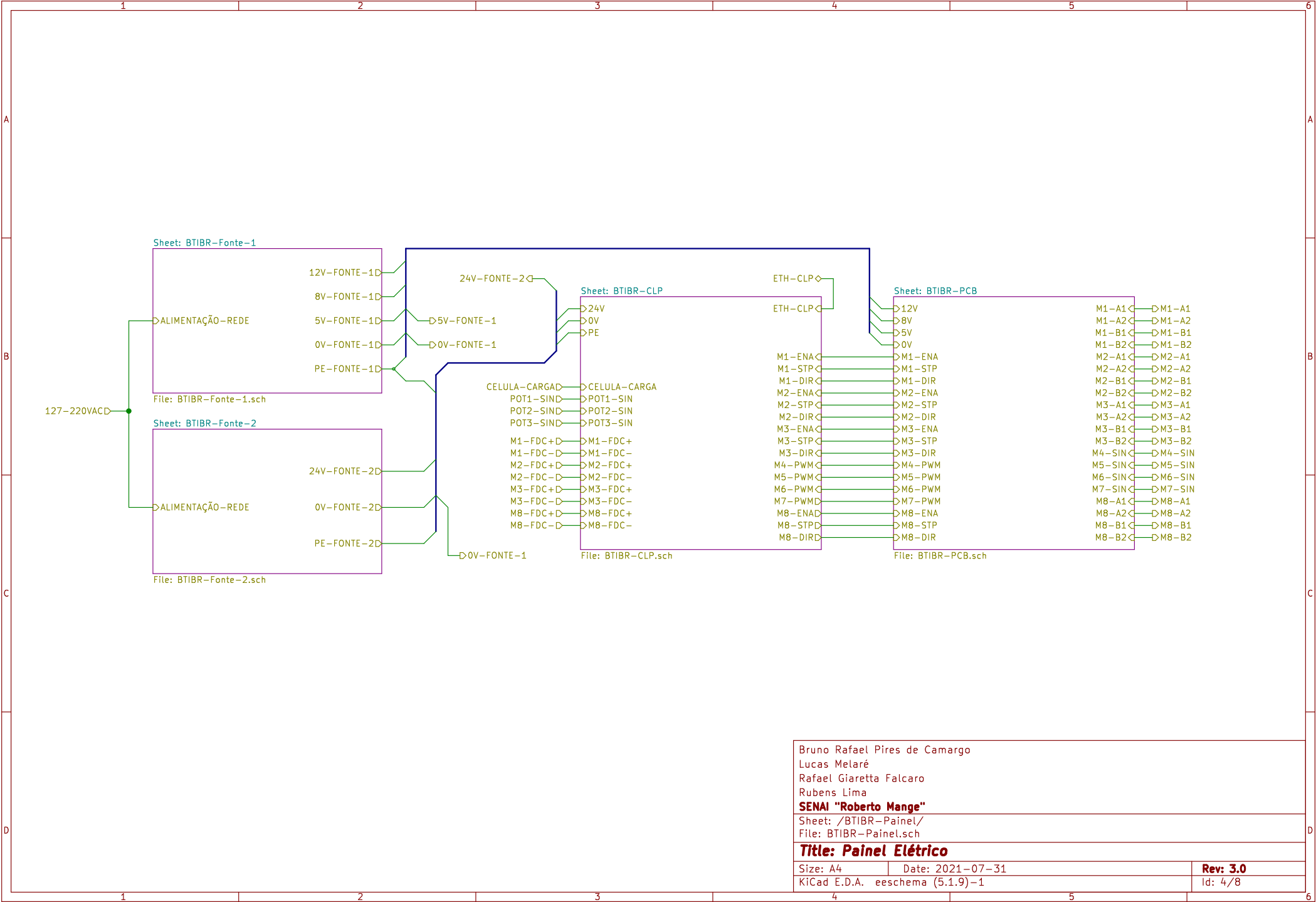
M8 – Fuso de Esferas



IHM ABB CP630



Bruno Rafael Pires de Camargo		
Lucas Melaré		
Rafael Giaretta Falcato		
Rubens Lima		
SENAI "Roberto Mange"		
Sheet: /BTIBR-Bancada/		
File: BTIBR-Bancada.sch		
Title: Bancada de Testes		
Size: A4	Date: 2021-07-31	Rev: 3.0
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Lucas Melaré
Rafael Giaretta Falcaro
Rubens Lima

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Sheet: /BTIBR-Painel/
File: BTIBR-Painel.sch

Title: Painel Elétrico

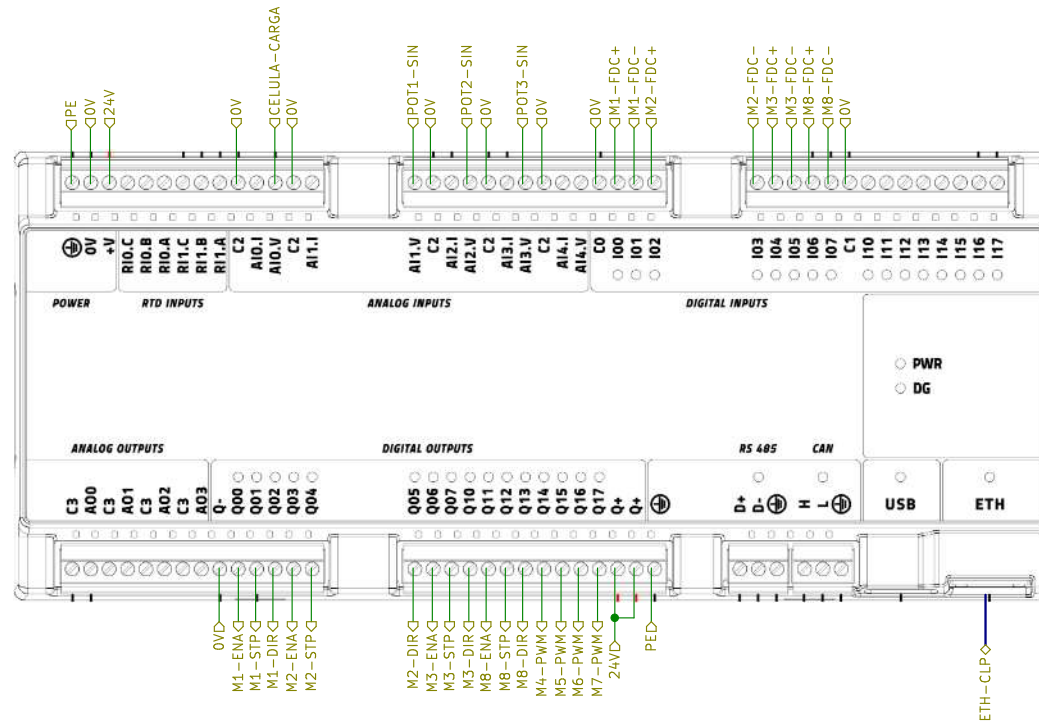
Size: A4 Date: 2021-07-31

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

Rev: 3.0

Id: 4/8

Altus XP340



Bruno Rafael Pires de Camargo

Lucas Melaré

Rafael Giarretta Falcaro

Rubens Lima

SENAI "Roberto Mange"

Sheet: /BTIBR-Painel/BTIBR-CLP/

File: BTIBR-CLP.sch

Title: CLP XP340

Size: A4

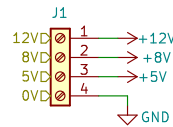
Date: 2021-07-31

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

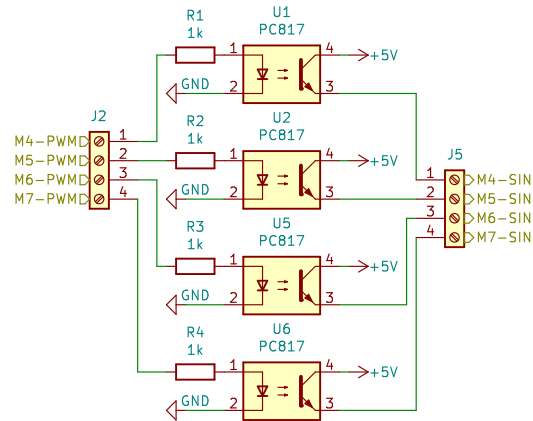
Rev: 3.0

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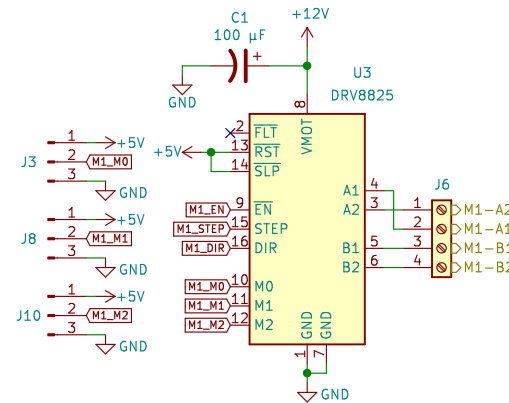
Alimentação



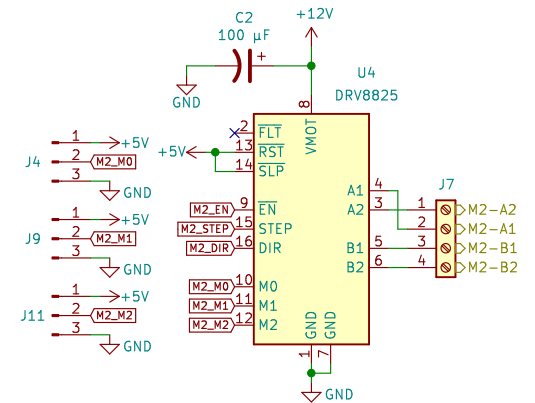
Optoacopladores CLP->Servos



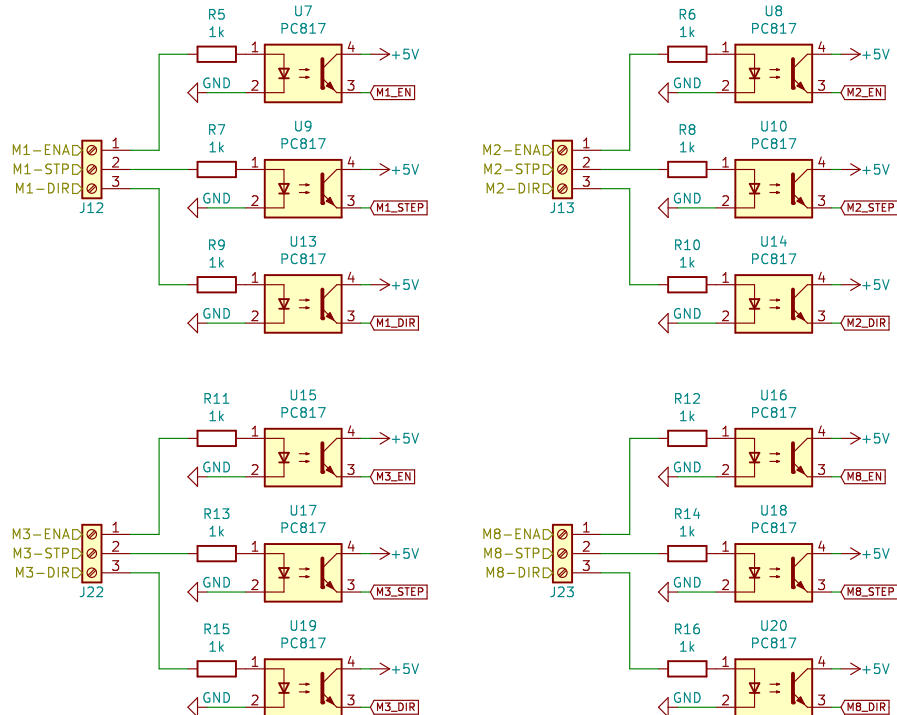
M1 - BASE (Rz)



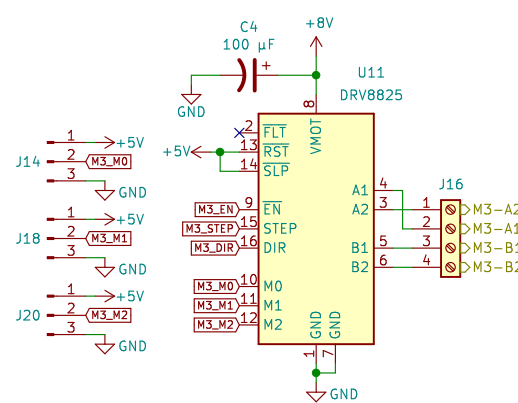
M2 - OMBRO (Rx1)



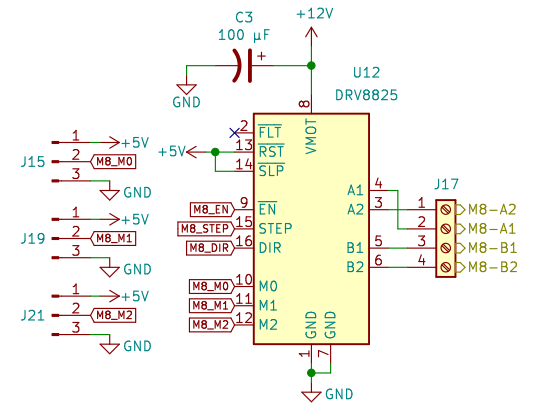
Optoacopladores CLP->Drivers



M3 - ANTEBRAÇO (Rx2)



M8 - FUSO DE ESFERAS



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Rafael Giarretta Falcaro
Rubens Lima

SENAI "Roberto Mange"

Sheet: /BTIBR-Painel/BTIBR-PCB/
File: BTIBR-PCB.sch

Title: PCB

Size: A4 Date: 2021-07-31

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Rev: 3.0

Id: 6/8

6EP1331-5BA10

ALIMENTAÇÃO-REDE▷



▷24V-FONTE-2

▷0V-FONTE-2

▷PE-FONTE-2

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Rubens Lima

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Sheet: /BTIBR-Painel/BTIBR-Fonte-2/

File: BTIBR-Fonte-2.sch

Title: Fonte de Alimentação 2

Size: A4

Date: 2021-07-31

Rev: 3.0

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Id: 7/8

KP-522 500W

ALIMENTAÇÃO-REDE



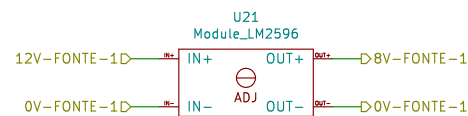
▷12V-FONTE-1

▷5V-FONTE-1

▷0V-FONTE-1

▷PE-FONTE-1

Regulação 8V (Motor 3)



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Lucas Melaré
Rafael Giarretta Falcaro
Rubens Lima

SENAI "Roberto Mange"

Sheet: /BTIBR-Painel/BTIBR-Fonte-1/
File: BTIBR-Fonte-1.sch

Title: Fonte de Alimentação 1

Size: A4 Date: 2021-07-31

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

Rev: 3.0

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