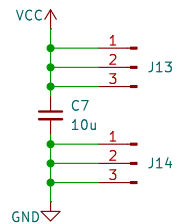
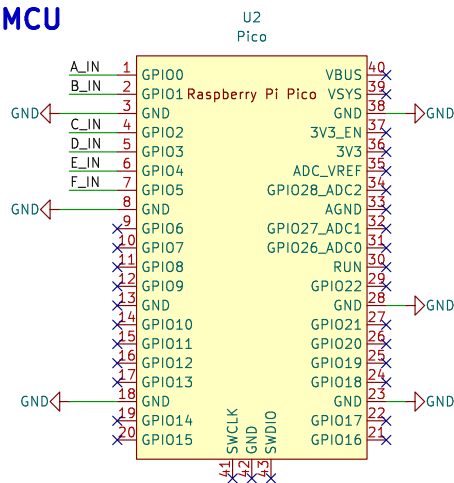
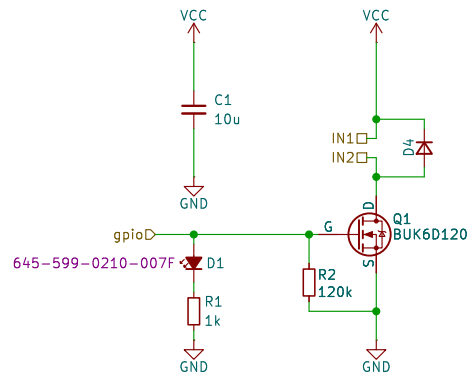


POWER INPUTS



MCU





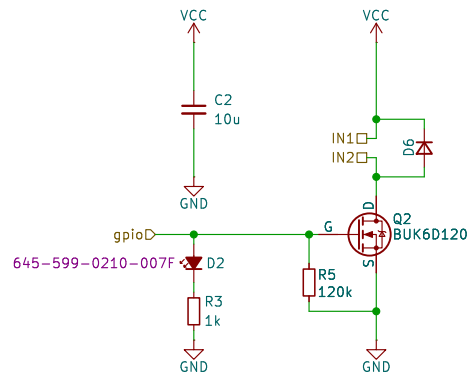
Jonas Stirnemann

Sheet: /coil_driver/
File: single_coil.kicad_sch

Title: Coil driver

Size: A5 Date: 2024-06-13
KiCad E.D.A. 8.0.2

Rev: 0.1
Id: 2/11



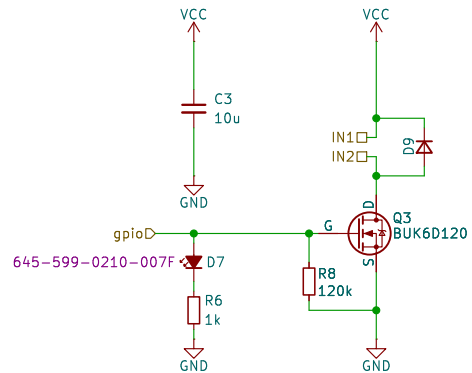
Jonas Stirnemann

Sheet: /coil_driver1/
File: single_coil.kicad_sch

Title: Coil driver

Size: A5 Date: 2024-06-13
KiCad E.D.A. 8.0.2

Rev: 0.1
Id: 3/11



Jonas Stirnemann

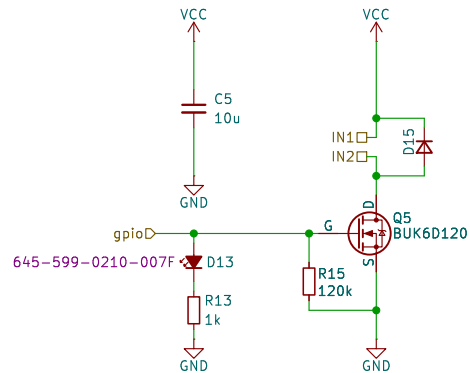
Sheet: /coil_driver2/
File: single_coil.kicad_sch

Title: Coil driver

Size: A5 Date: 2024-06-13
KiCad E.D.A. 8.0.2

Rev: 0.1
Id: 4/11

Rev: 0.1
Id: 5/11



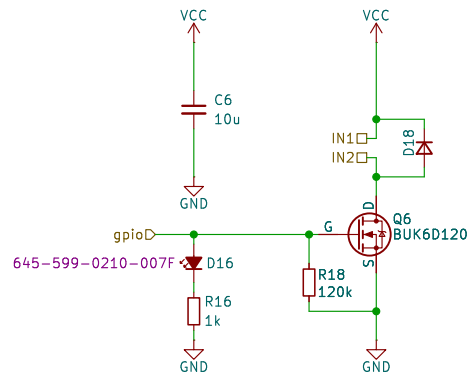
Jonas Stirnemann

Sheet: /coil_driver4/
File: single_coil.kicad_sch

Title: Coil driver

Size: A5 Date: 2024-06-13
KiCad E.D.A. 8.0.2

Rev: 0.1
Id: 6/11



Jonas Stirnemann

Sheet: /coil_driver5/
File: single_coil.kicad_sch

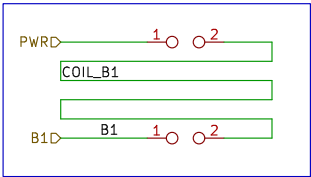
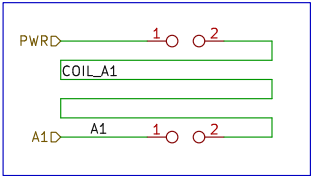
Title: Coil driver

Size: A5 Date: 2024-06-13
KiCad E.D.A. 8.0.2

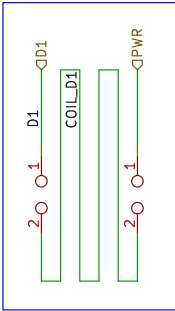
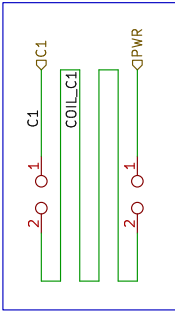
Rev: 0.1
Id: 7/11

Only 2 different coils per layer (A, B for layer 1 and C, D for layer 2)
10 mils gaps and 20 mils traces

TOP LAYER



BOT LAYER



Jonas Stirnemann

Sheet: /coil_module1/
File: coil_module1.kicad_sch

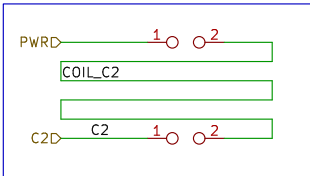
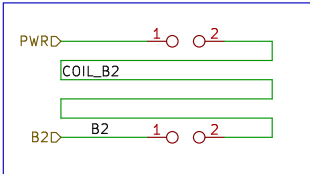
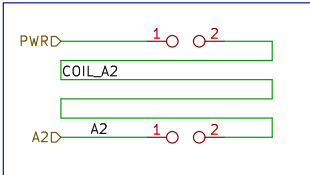
Title: Coil module 1

Size: A5 Date: 2024-06-13
KiCad E.D.A. 8.0.2

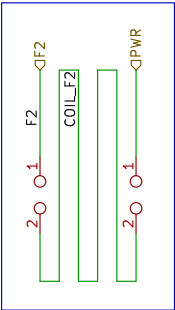
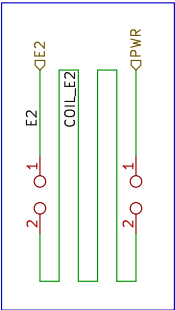
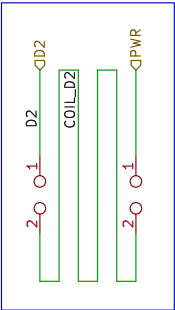
Rev: 0.1
Id: 8/11

3 different coils per layer (A, B, C for layer 1 and D, E, F for layer 2)
10 mils gaps and 20 mils traces

TOP LAYER



BOT LAYER



Jonas Stirnemann

Sheet: /coil_module2/
File: coil_module2.kicad_sch

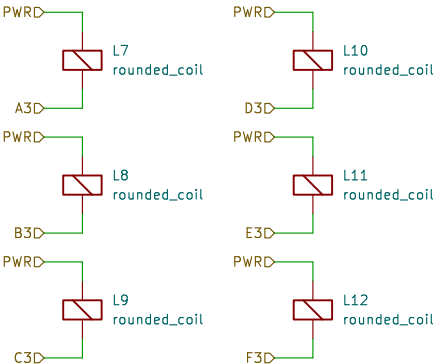
Title: Coil module 2

Size: A5
KiCad E.D.A. 8.0.2

Date: 2024-06-13

Rev: 0.1
Id: 9/11

2 layers Round coils
10 mils width
5 mils gap



Jonas Stirnemann

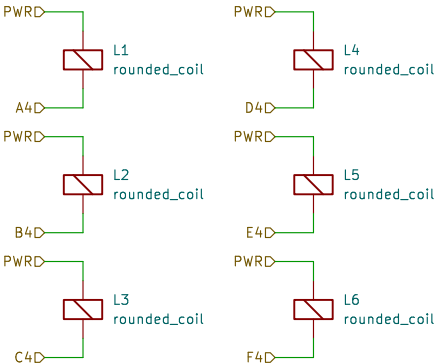
Sheet: /coil_module3/
File: coil_module3.kicad_sch

Title: Coil module 3

Size: A5 Date: 2024-06-13
KiCad E.D.A. 8.0.2

Rev: 0.1
Id: 10/11

2 layers Round coils
3.5 mils width
3.5 mils gap



Jonas Stirnemann

Sheet: /coil_module4/
File: coil_module4.kicad_sch

Title: Coil Module 4

Size: A5 Date: 2024-06-13
KiCad E.D.A. 8.0.2

Rev: 0.1
Id: 11/11