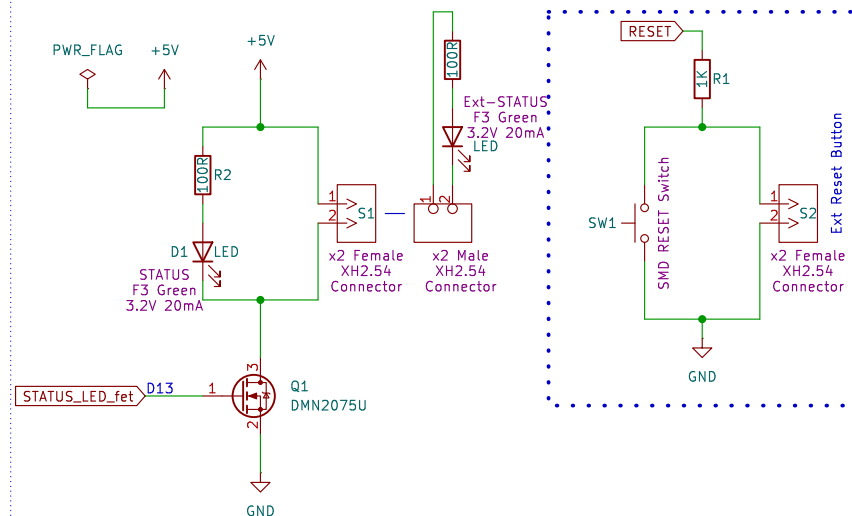
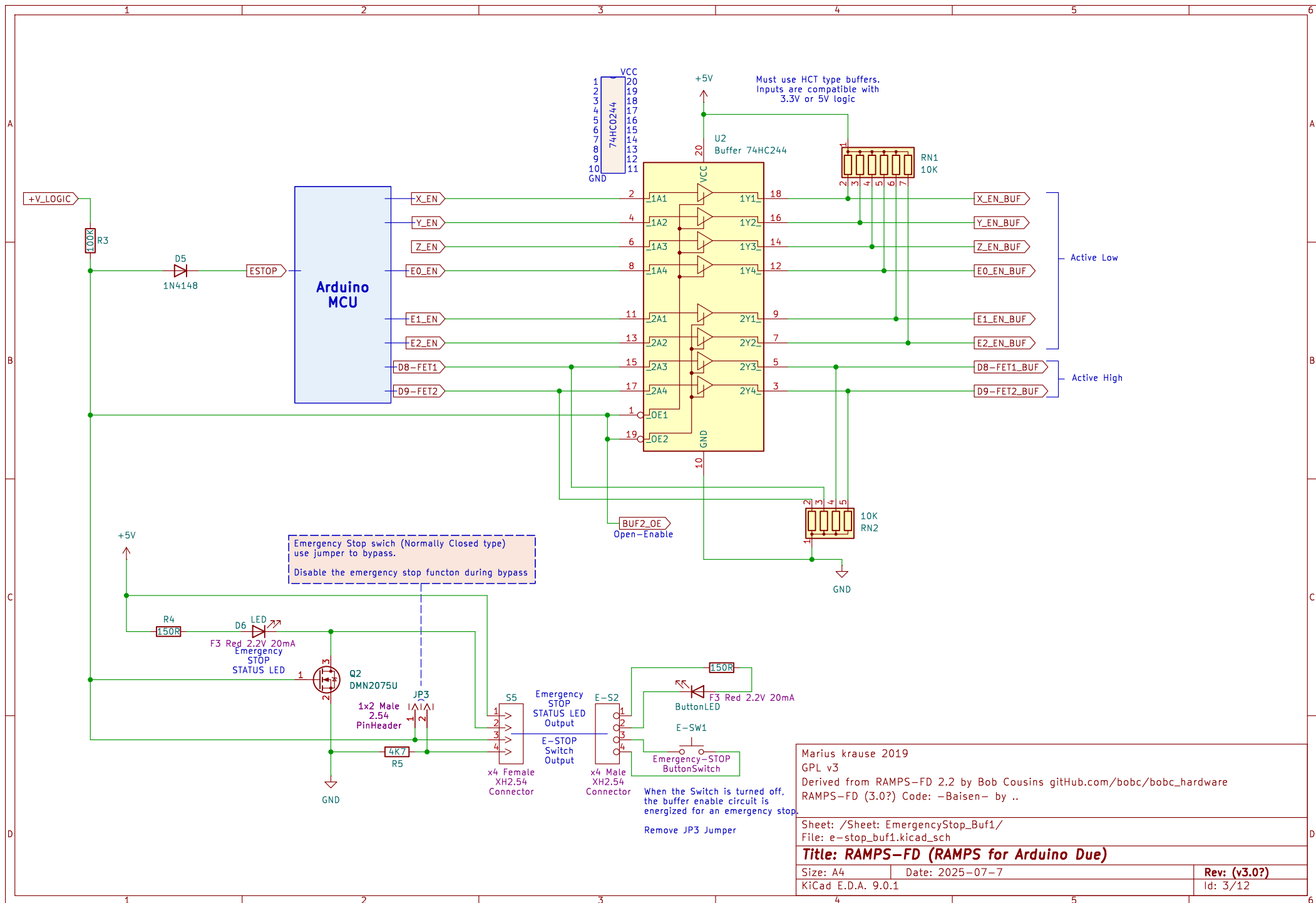


Sheet: Power ファイル: Power.kicad_sch	Sheet: EmergencyStop_Buf1 ファイル: e-stop_buf1.kicad_sch	Sheet: EmergencyStop_Buf2 ファイル: e-stop_buf2.kicad_sch
Sheet: Endstop Inputs ファイル: con_inputs.kicad_sch	Sheet: Thermistor inputs ファイル: Thermistor_inputs.kicad_sch	Sheet: Misc Connectors ファイル: con_misc.kicad_sch
Sheet: Stepper Drivers 01 ファイル: steppers01.kicad_sch	Sheet: Stepper Drivers 02 ファイル: steppers02.kicad_sch	Sheet: EXP-LCD_Adapter ファイル: exp_adapter.kicad_sch
Sheet: Mosfet Outputs ファイル: con_outputs.kicad_sch	Sheet: Extra MOSFETs ファイル: Extra_Mosfets.kicad_sch	Extension Board



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Derived from RAMPS-FD 2.2 by Bob Cousins github.com/bobc/bobc_hardware
RAMPS-FD (3.0?) Code: -Baisen- by ..

Sheet: /	File: 0RAMPS-FD_Baisen_Schematic_INDEX.kicad_sch
Title: RAMPS-FD (RAMPS for Arduino Due)	
Size: A4	Date: 2025-07-7
KiCad E.D.A. 9.0.1	Rev: (v3.0?) Id: 1/12



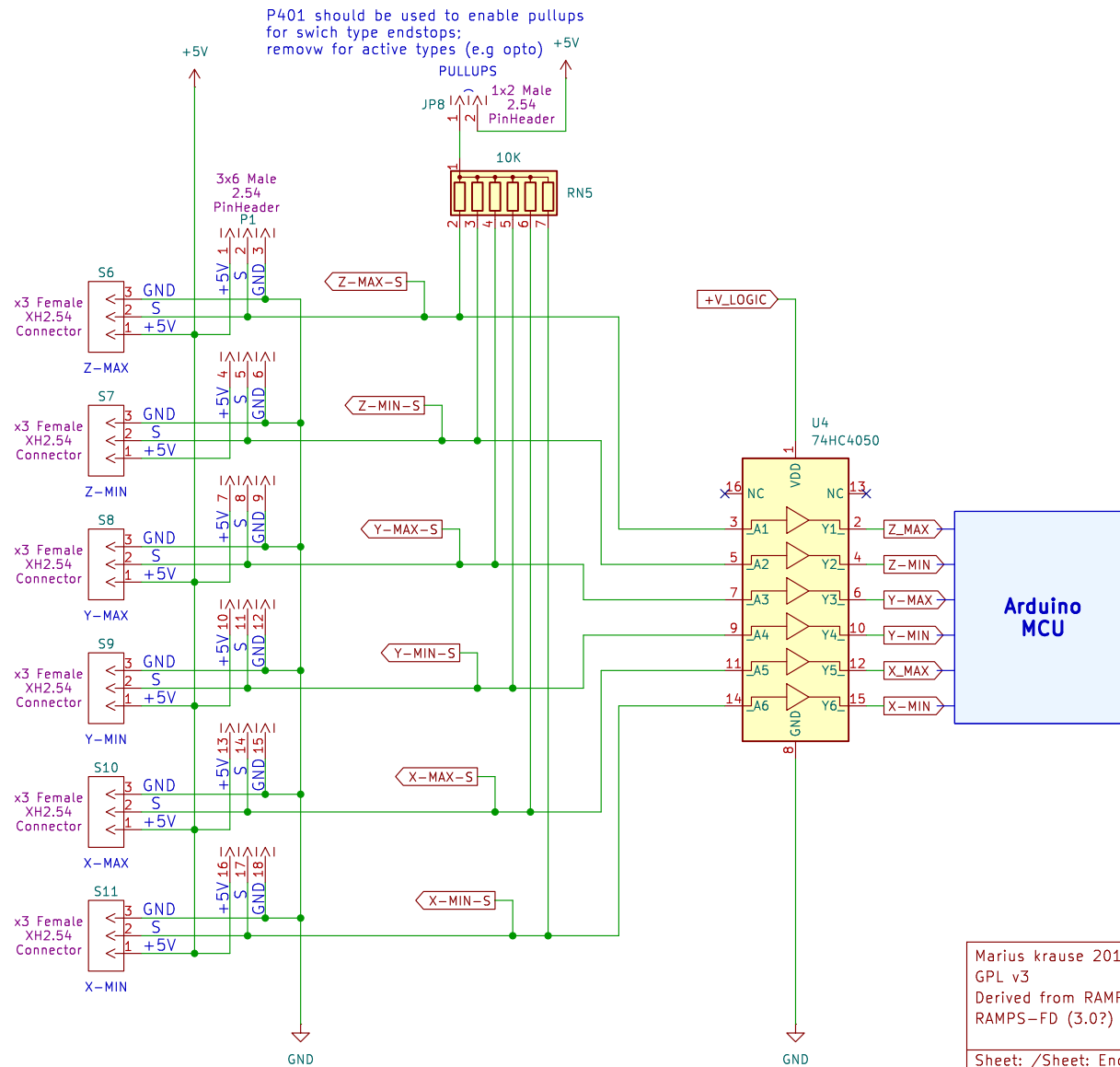
Marius krause 2019
 GPL v3
 Derived from RAMPS-FD 2.2 by Bob Cousins github.com/bobc/bobc_hardware
 RAMPS-FD (3.0?) Code: -Baisen- by ..

Sheet: /Sheet: EmergencyStop_Buf1/
 File: e-stop_buf1.kicad_sch

Title: RAMPS-FD (RAMPS for Arduino Due)

Size: A4 Date: 2025-07-7
 KiCad E.D.A. 9.0.1

Rev: (v3.0?)
 Id: 3/12

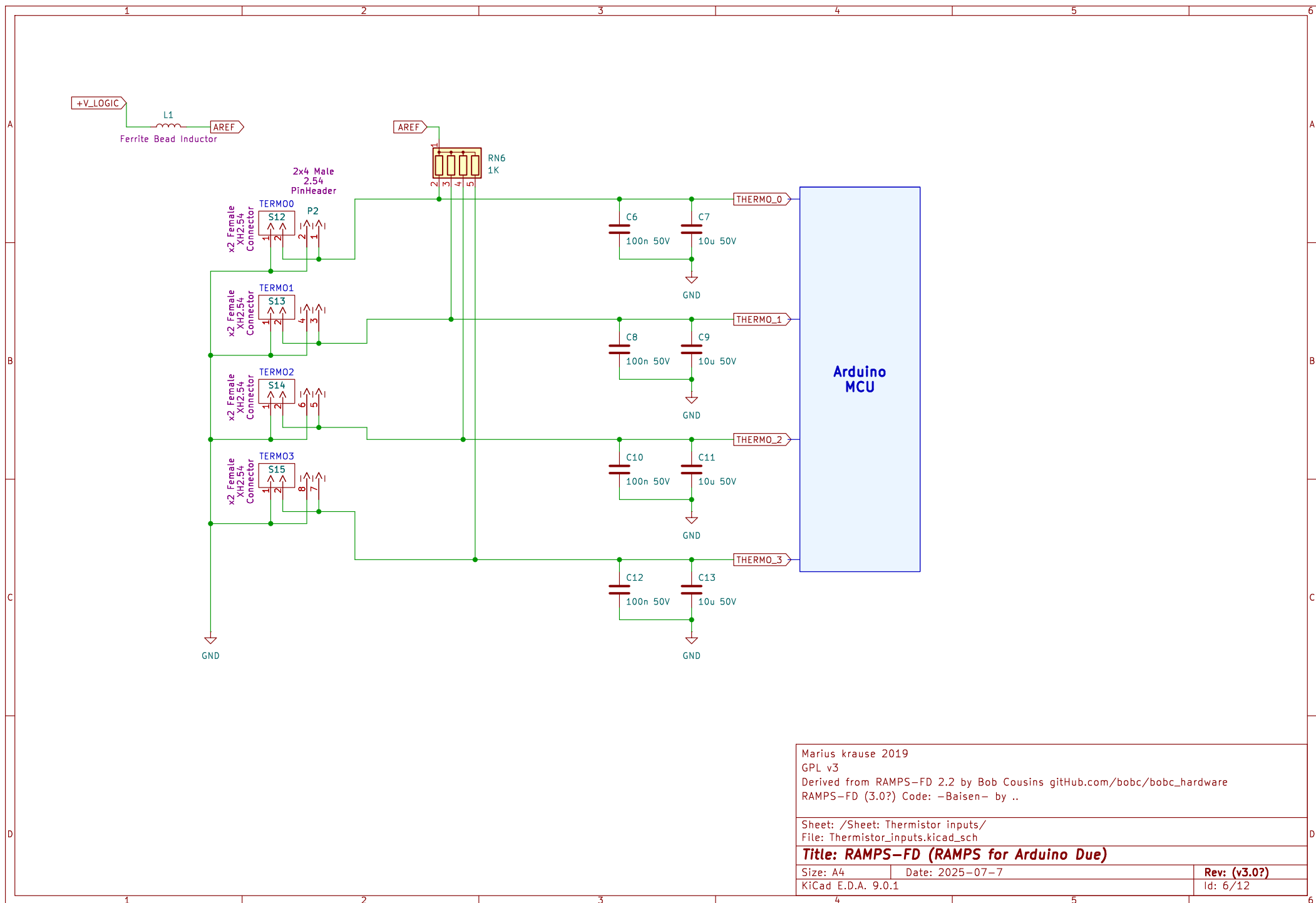


Marius krause 2019
GPL v3
Derived from RAMPS-FD 2.2 by Bob Cousins github.com/bobc/bobc_hardware
RAMPS-FD (3.0?) Code: -Baisen- by ..

Sheet: /Sheet: Endstop Inputs/
File: con_inputs.kicad_sch

Title: RAMPS-FD (RAMPS for Arduino Due)

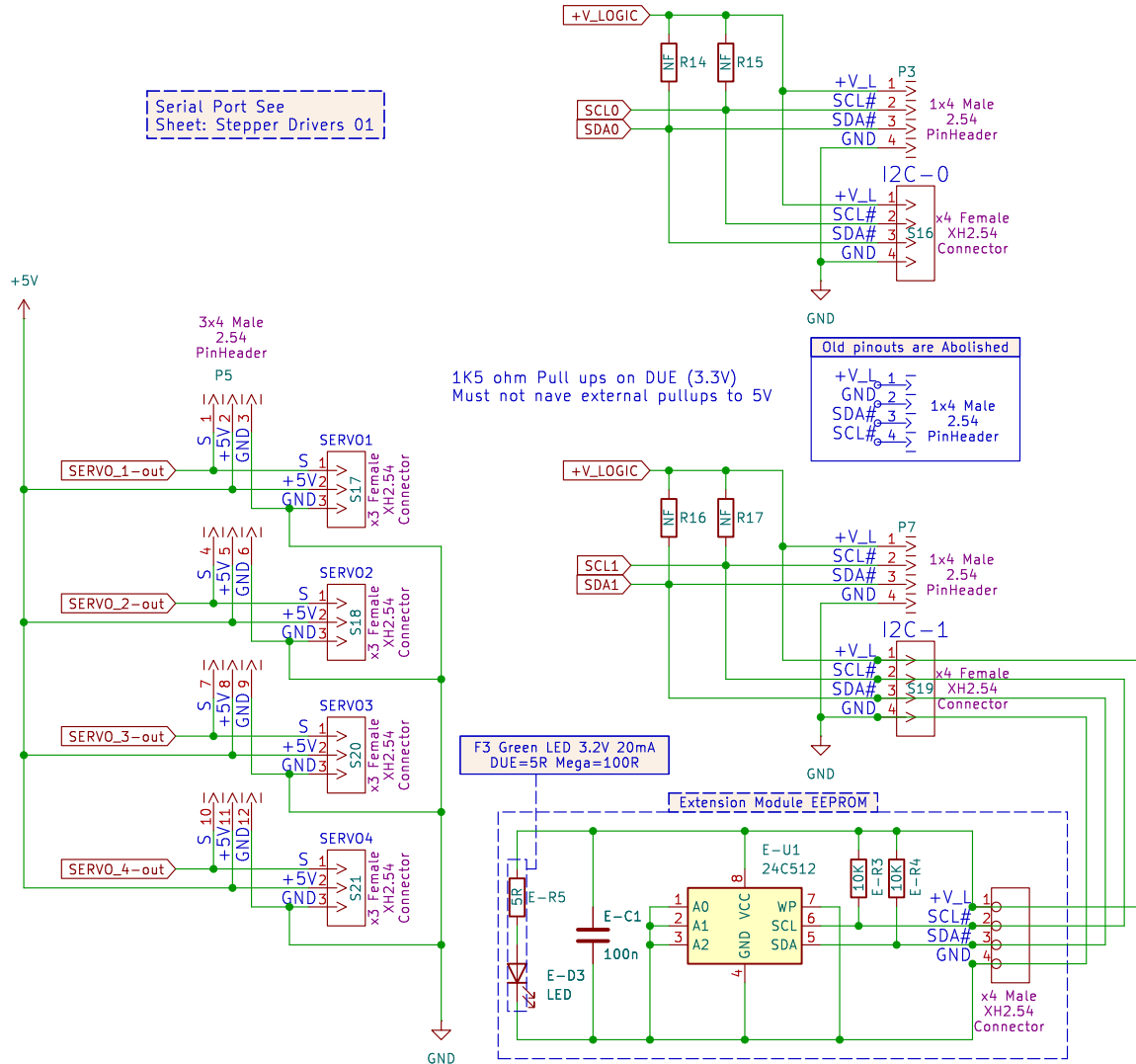
Size: A4	Date: 2025-07-7	Rev: (v3.0?)
KiCad E.D.A. 9.0.1		Id: 5/12



Marius krause 2019		
GPL v3		
Derived from RAMPS-FD 2.2 by Bob Cousins github.com/bobc/bobc_hardware		
RAMPS-FD (3.0?) Code: -Baisen- by ..		
Sheet: /Sheet: Thermistor inputs/		
File: Thermistor_inputs.kicad_sch		
Title: RAMPS-FD (RAMPS for Arduino Due)		
Size: A4	Date: 2025-07-7	Rev: (v3.0?)
KiCad E.D.A. 9.0.1		Id: 6/12

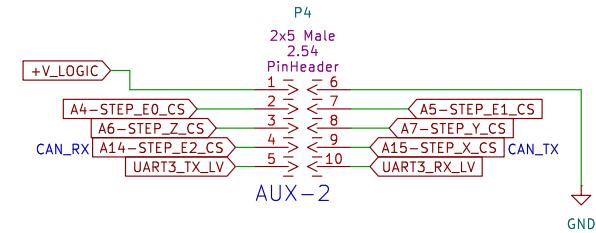
NB: On Arduino DUE: IOs on this page are not 5V tolerant. Do not exceed 3.3V

Serial Port See
Sheet: Stepper Drivers 01

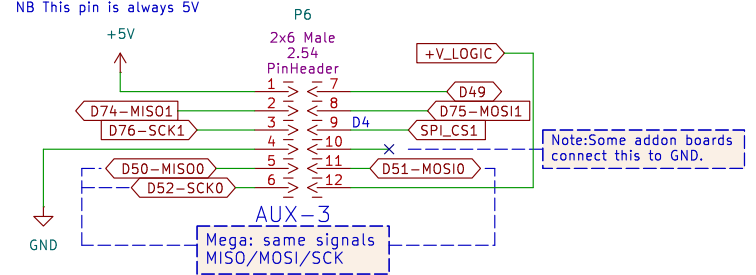


1K5 ohm Pull ups on DUE (3.3V)
Must not have external pullups to 5V

Old pinouts are Abolished
+V_L 1
GND 2
SDA# 3
SCL# 4
1x4 Male 2.54 PinHeader

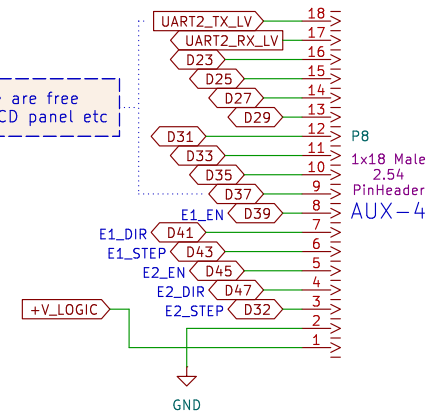


NB This pin is always 5V



Note: Some add-on boards connect this to GND.

These are free for LCD panel etc

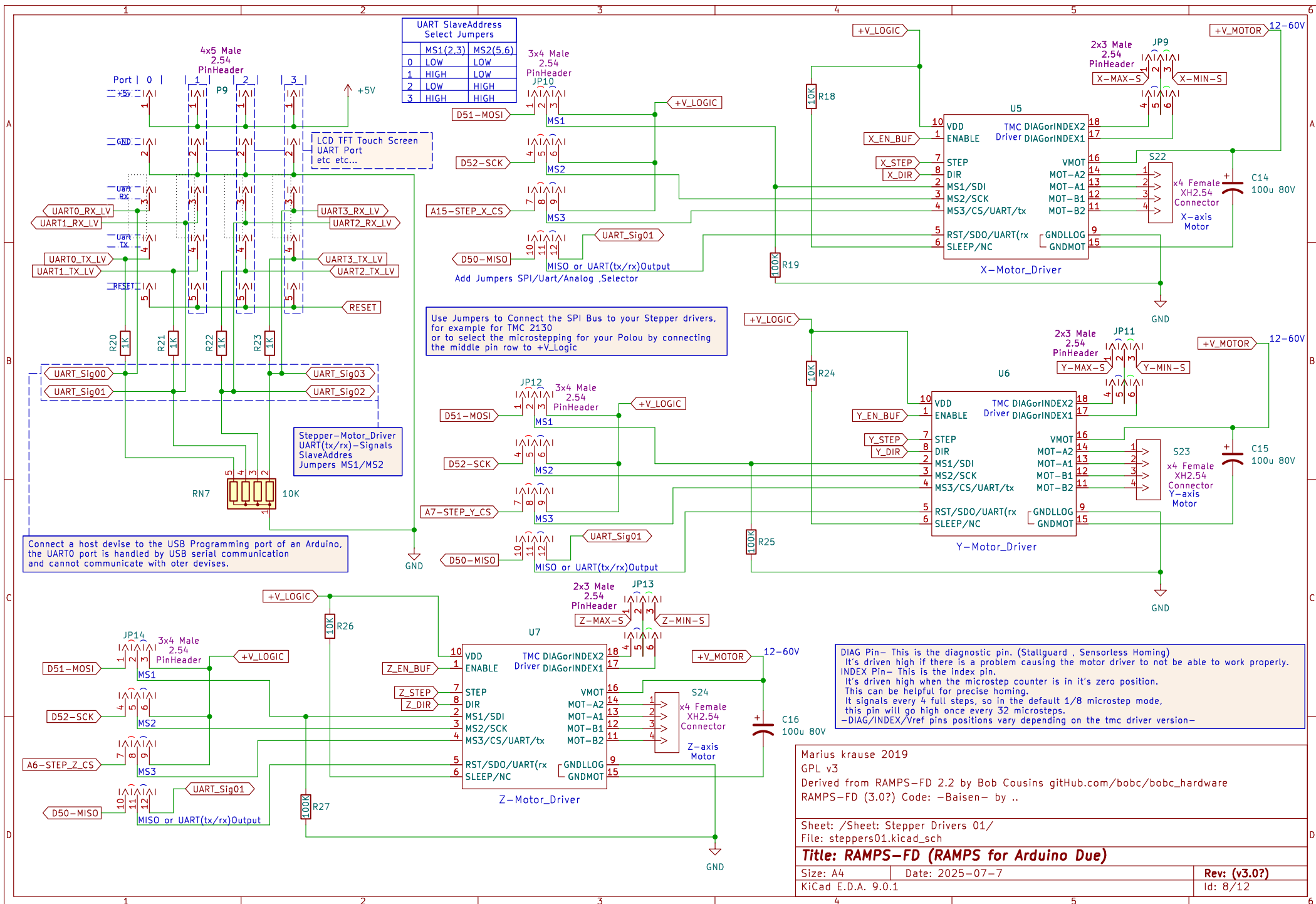


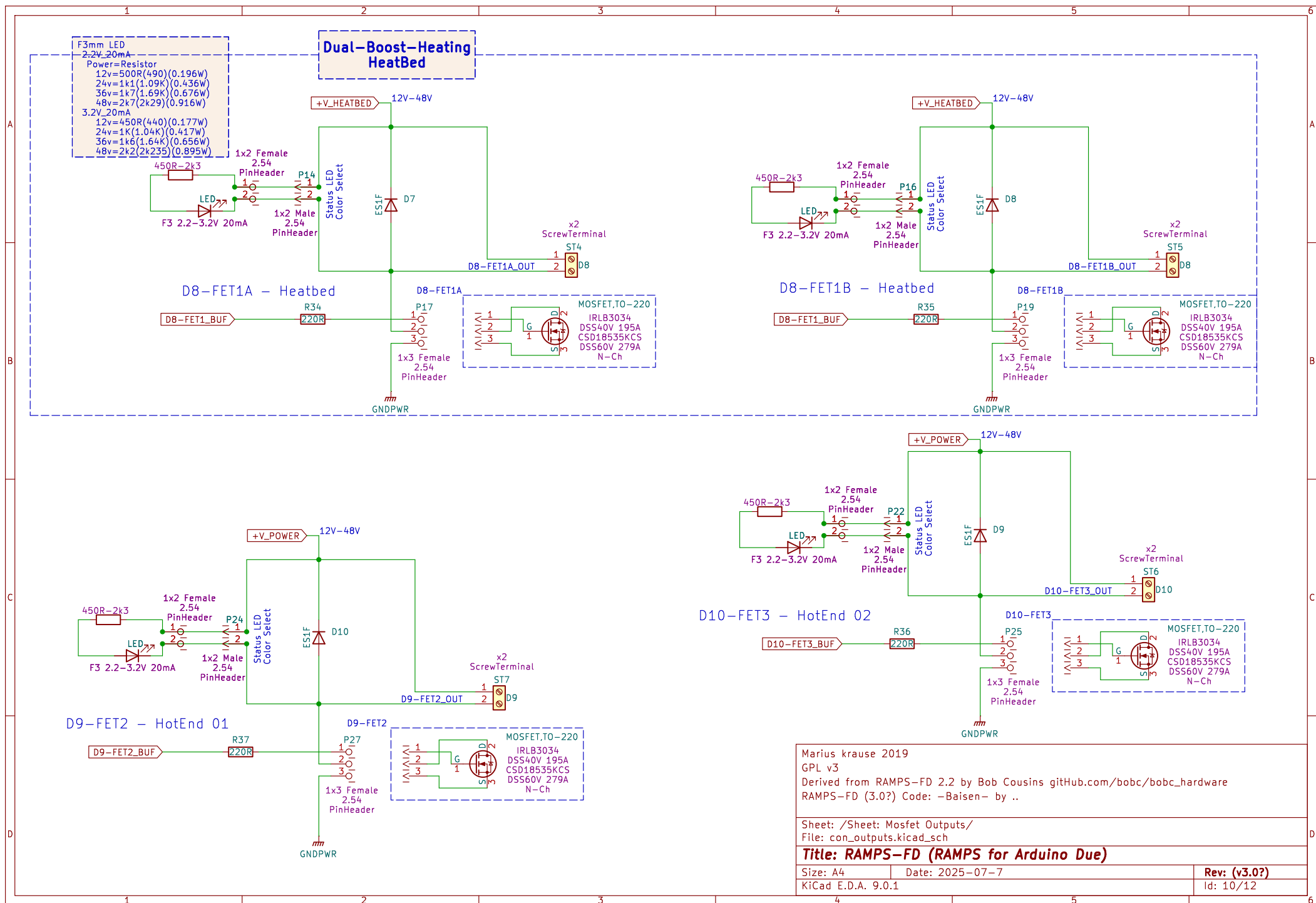
Marius krause 2019
GPL v3
Derived from RAMPS-FD 2.2 by Bob Cousins github.com/bobc/bobc_hardware
RAMPS-FD (3.0?) Code: -Baisen- by ..

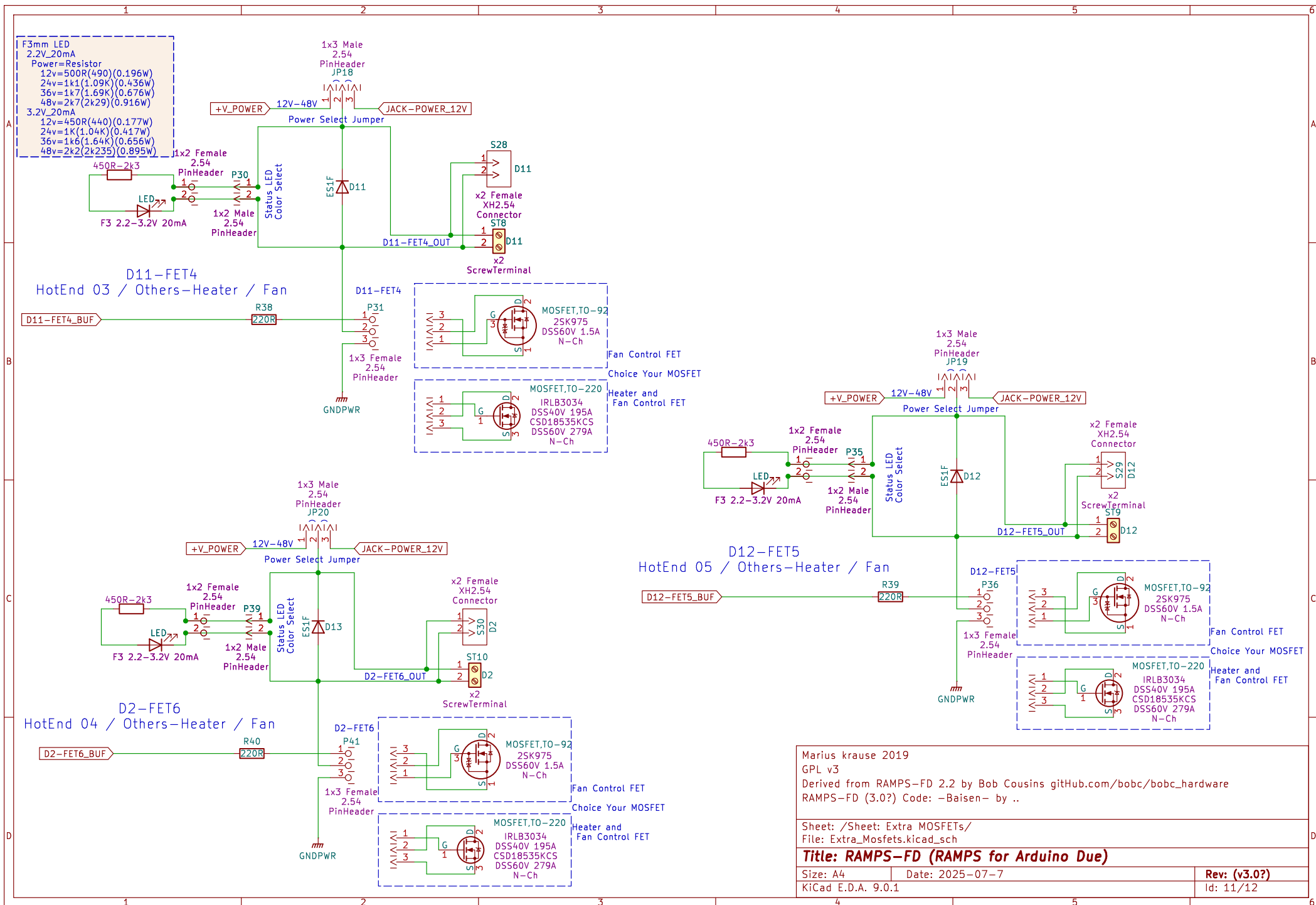
Sheet: /Sheet: Misc Connectors/
File: con_misc.kicad_sch

Title: RAMPS-FD (RAMPS for Arduino Due)

Size: A4	Date: 2025-07-7	Rev: (v3.0?)
KiCad E.D.A. 9.0.1		Id: 7/12







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 GPL v3
 Derived from RAMPS-FD 2.2 by Bob Cousins github.com/bobc/bobc_hardware
 RAMPS-FD (3.0?) Code: -Baisen- by ..

Sheet: /Sheet: Extra MOSFETs/ File: Extra_Mosfets.kicad_sch	
Title: RAMPS-FD (RAMPS for Arduino Due)	
Size: A4	Date: 2025-07-7
KiCad E.D.A. 9.0.1	Rev: (v3.0?) Id: 11/12

