Stepper_motor drivers

File: Stepper_motor drivers.kicad_sch

Limit_switches_and_IO

File: Limit_switches.kicad_sch

Connectors

Voltage regulation

USB

CAN comms

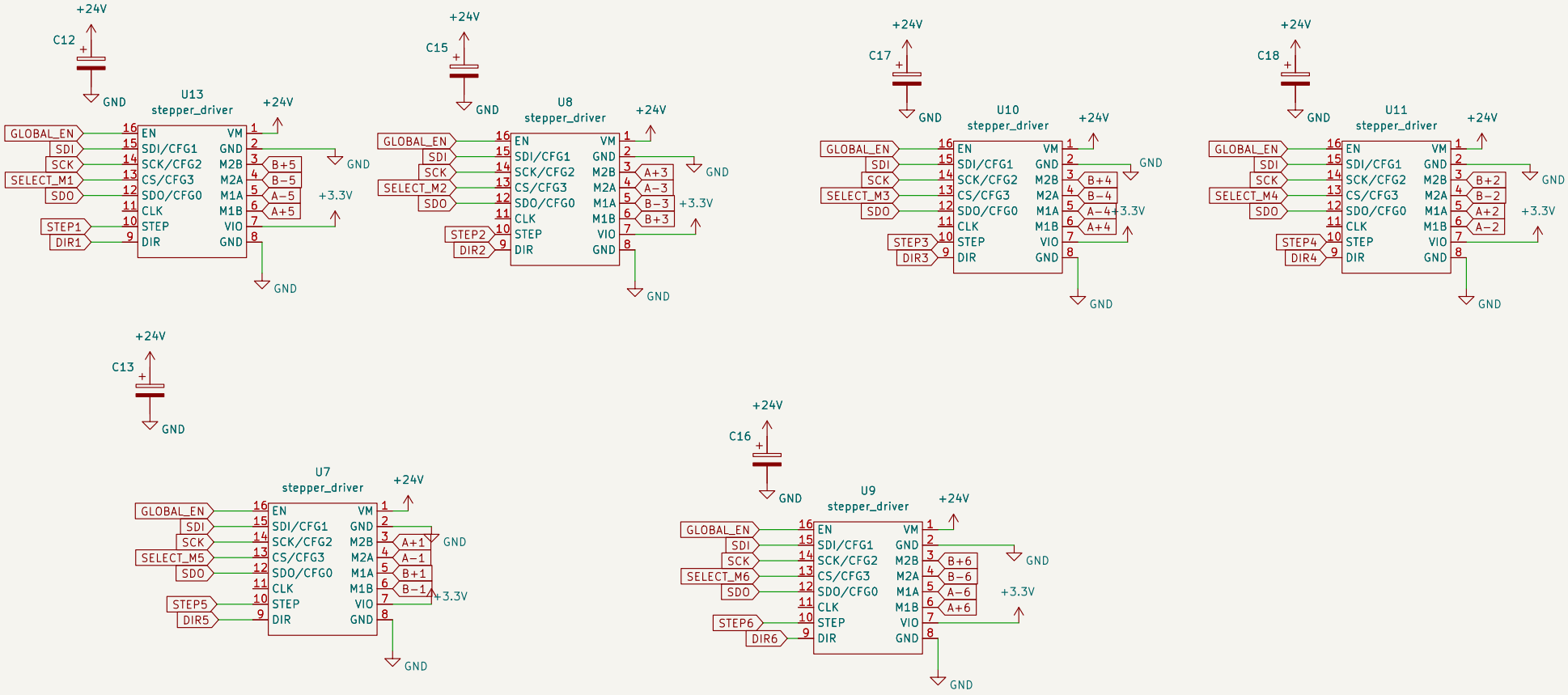
Soft start

BUS voltage measure

Sheet: /
File: PAR6_mainboard_v1.kicad_sch

Title:

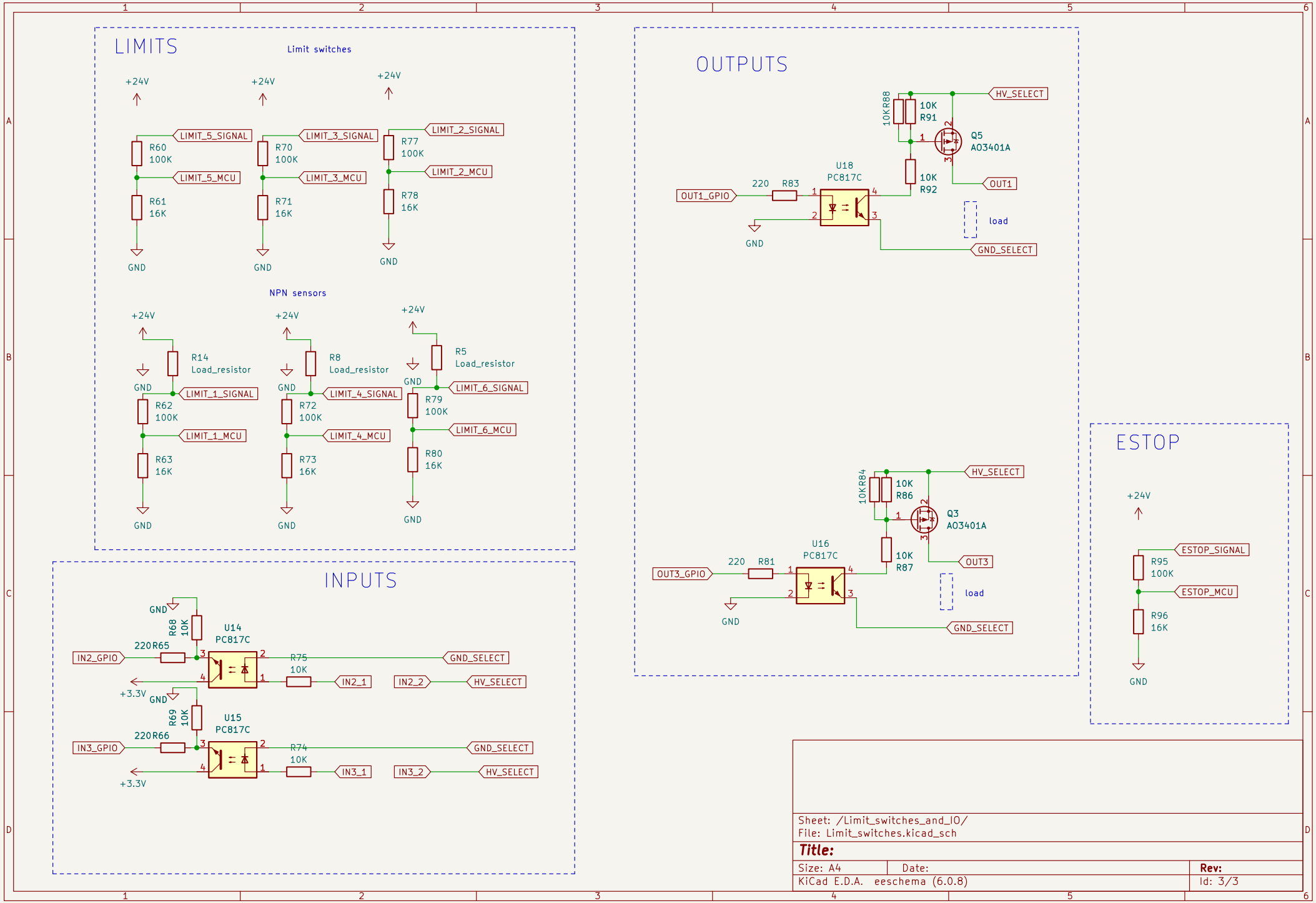
Size: A2 | Date: | **Rev:**
KiCad E.D.A. eeschema (6.0.8) | Id: 1/3



Sheet: /Stepper_motor drivers/
File: Stepper_motor drivers.kicad_sch

Title:

Size: A4	Date:	**Rev:**
KiCad E.D.A. eeschema (6.0.8)		Id: 2/3


LIMITS
Limit switches
+24V
LIMIT_5_SIGNAL
R60
100K
LIMIT_5_MCU
R61
16K
GND
LIMIT_3_SIGNAL
R70
100K
LIMIT_3_MCU
R71
16K
LIMIT_2_SIGNAL
R77
100K
LIMIT_2_MCU
R78
16K
NPN sensors
R14
Load_resistor
LIMIT_1_SIGNAL
R62
100K
LIMIT_1_MCU
R63
16K
R8
Load_resistor
LIMIT_4_SIGNAL
R72
100K
LIMIT_4_MCU
R73
16K
R5
Load_resistor
LIMIT_6_SIGNAL
R79
100K
LIMIT_6_MCU
R80
16K
INPUTS
U14
PC817C
IN2_GPIO
220R65
R68
10K
R75
10K
IN2_1
IN2_2
GND_SELECT
HV_SELECT
+3.3V
U15
PC817C
IN3_GPIO
220R66
R69
10K
R74
10K
IN3_1
IN3_2
OUTPUTS
OUT1_GPIO
220
R83
U18
PC817C
10K
R88
10K
R91
Q5
AO3401A
10K
R92
OUT1
load
OUT3_GPIO
R81
U16
PC817C
10K
R84
10K
R86
Q3
AO3401A
10K
R87
OUT3
ESTOP
ESTOP_SIGNAL
R95
100K
ESTOP_MCU
R96
16K
Sheet: /Limit_switches_and_IO/
File: Limit_switches.kicad_sch
Title:
Size: A4
Date:
Rev:
KiCad E.D.A. eeschema (6.0.8)
Id: 3/3