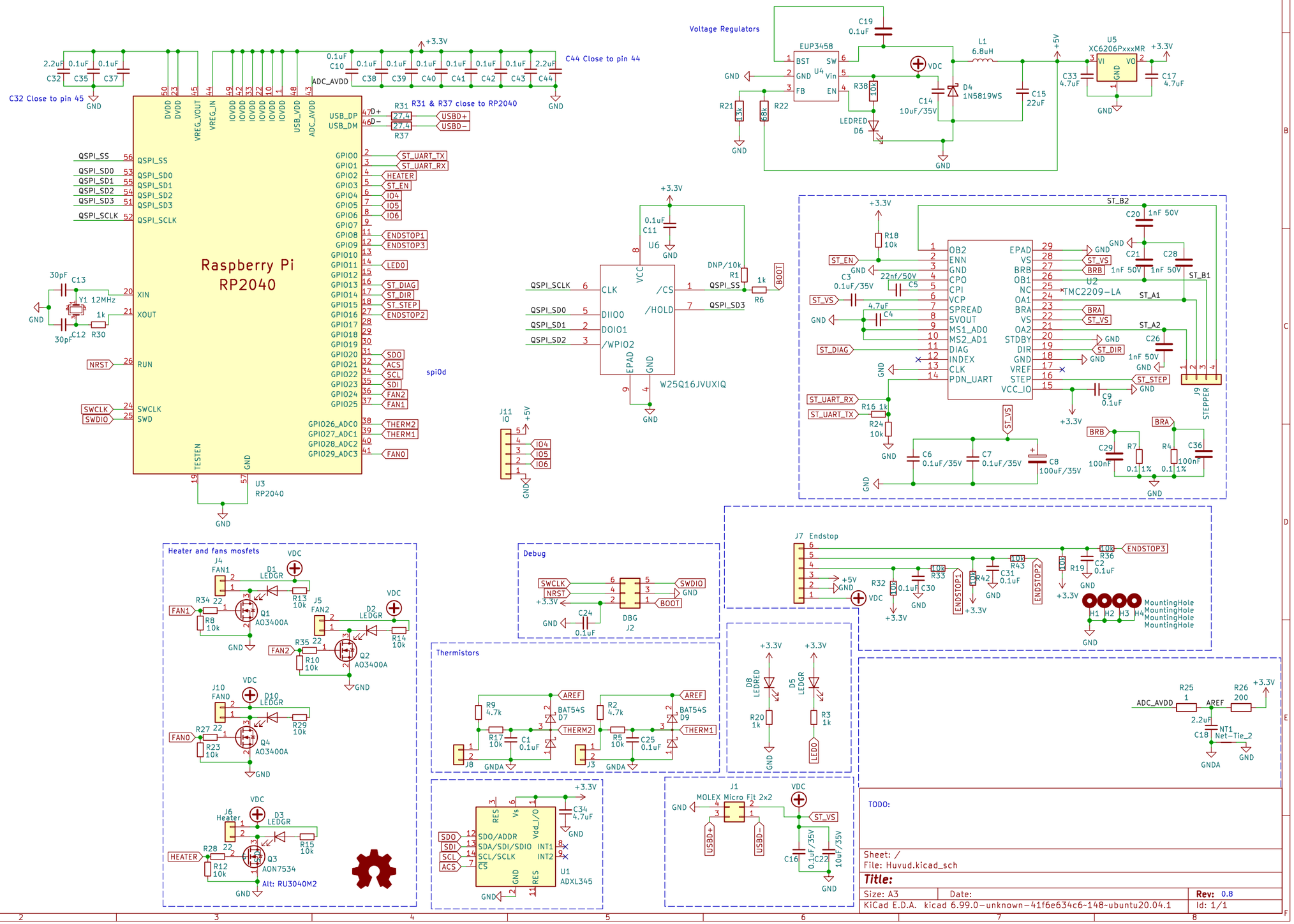
Raspberry Pi RP2040
U3 RP2040
Voltage Regulators
EUP3458
U4
U5 XC6206PxxxMR
D4 1N5819WS
L1 6.8uH
C44 Close to pin 44
C32 Close to pin 45
R31 & R37 close to RP2040
USBD+
USBD−
ST_UART_TX
ST_UART_RX
HEATER
ST_EN
IO4
IO5
IO6
ENDSTOP1
ENDSTOP3
LED0
ST_DIAG
ST_DIR
ST_STEP
ENDSTOP2
SDO
ACS
SCL
SDI
FAN2
FAN1
THERM2
THERM1
FAN0
spi0d
QSPI_SS
QSPI_SD0
QSPI_SD1
QSPI_SD2
QSPI_SD3
QSPI_SCLK
NRST
SWCLK
SWDIO
Y1 12MHz
W25Q16JVUXIQ
J11 IO
TMC2209-LA
U2
J9 STEPPER
ST_B1
ST_B2
ST_A1
ST_A2
ST_VS
BRA
BRB
Heater and fans mosfets
J4 FAN1
J5 FAN2
J10 FAN0
J6 Heater
Q1 AO3400A
Q2 AO3400A
Q4 AO3400A
Q3 AON7534
Alt: RU3040M2
Debug
DBG J2
Thermistors
J8
J3
U1 ADXL345
J7 Endstop
MountingHole
J1 MOLEX Micro Fit 2x2
ADC_AVDD
TODO:
Sheet: /
File: Huvud.kicad_sch
Title:
Size: A3
Date:
Rev: 0.8
KiCad E.D.A. kicad 6.99.0-unknown-41f6e634c6-148-ubuntu20.04.1
Id: 1/1