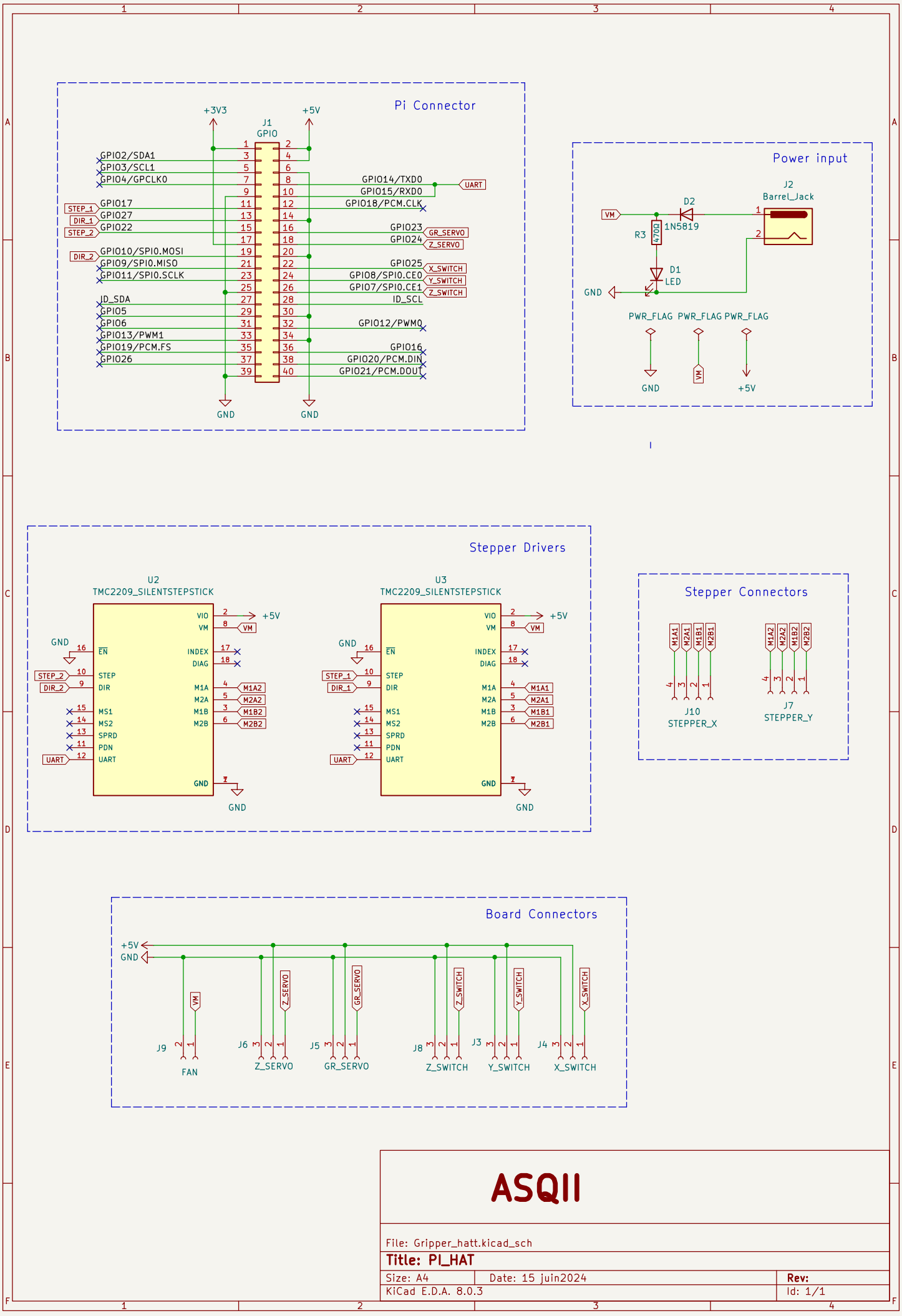
Pi Connector
J1
GPIO
+3V3
+5V
GPIO2/SDA1
GPIO3/SCL1
GPIO4/GPCLK0
GPIO17
GPIO27
GPIO22
GPIO10/SPI0.MOSI
GPIO9/SPI0.MISO
GPIO11/SPI0.SCLK
ID_SDA
GPIO5
GPIO6
GPIO13/PWM1
GPIO19/PCM.FS
GPIO26
GPIO14/TXD0
GPIO15/RXD0
GPIO18/PCM.CLK
GPIO23
GPIO24
GPIO25
GPIO8/SPI0.CE0
GPIO7/SPI0.CE1
ID_SCL
GPIO12/PWM0
GPIO16
GPIO20/PCM.DIN
GPIO21/PCM.DOUT
STEP_1
DIR_1
STEP_2
DIR_2
UART
GR_SERVO
Z_SERVO
X_SWITCH
Y_SWITCH
Z_SWITCH
GND
Power input
J2
Barrel_Jack
D2
1N5819
VM
R3
470Ω
D1
LED
PWR_FLAG
+5V
Stepper Drivers
U2
TMC2209_SILENTSTEPSTICK
U3
TMC2209_SILENTSTEPSTICK
VIO
EN
STEP
DIR
MS1
MS2
SPRD
PDN
UART
INDEX
DIAG
M1A
M2A
M1B
M2B
M1A2
M2A2
M1B2
M2B2
M1A1
M2A1
M1B1
M2B1
Stepper Connectors
J10
STEPPER_X
J7
STEPPER_Y
Board Connectors
J9
FAN
J6
Z_SERVO
J5
GR_SERVO
J8
Z_SWITCH
J3
Y_SWITCH
J4
X_SWITCH
ASQII
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Title: PI_HAT
Size: A4
Date: 15 juin2024
Rev:
KiCad E.D.A. 8.0.3
Id: 1/1