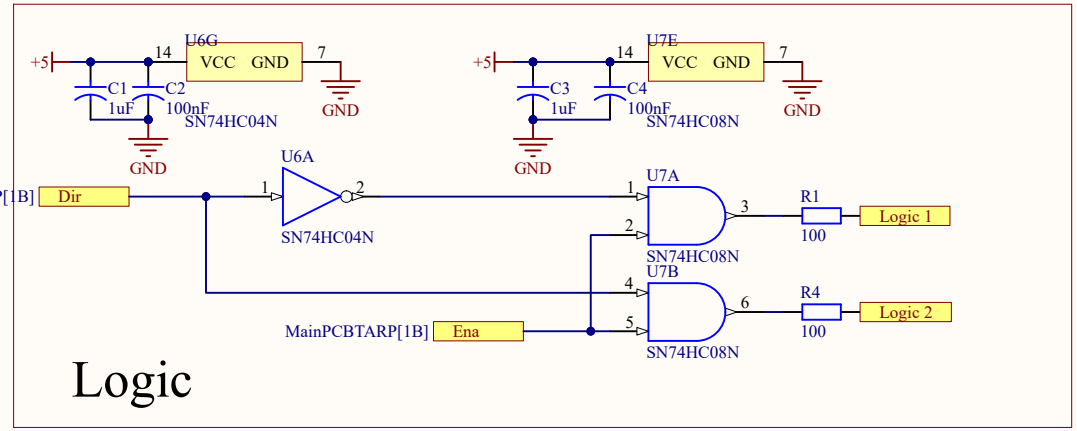
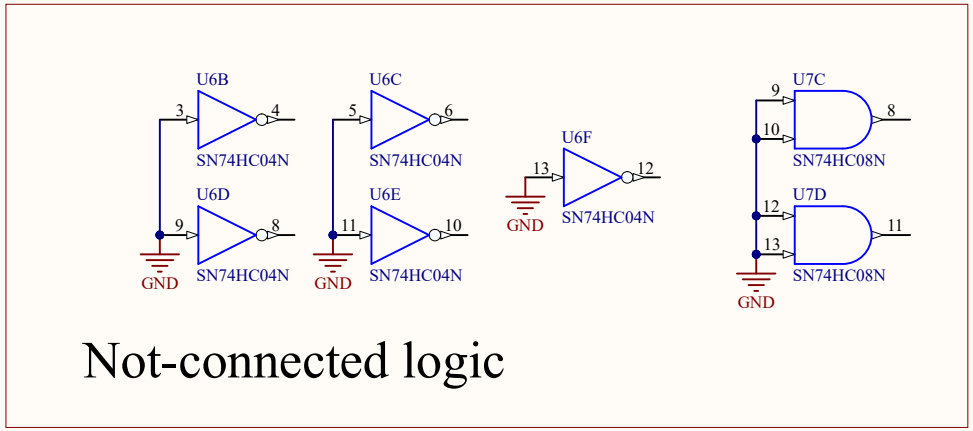
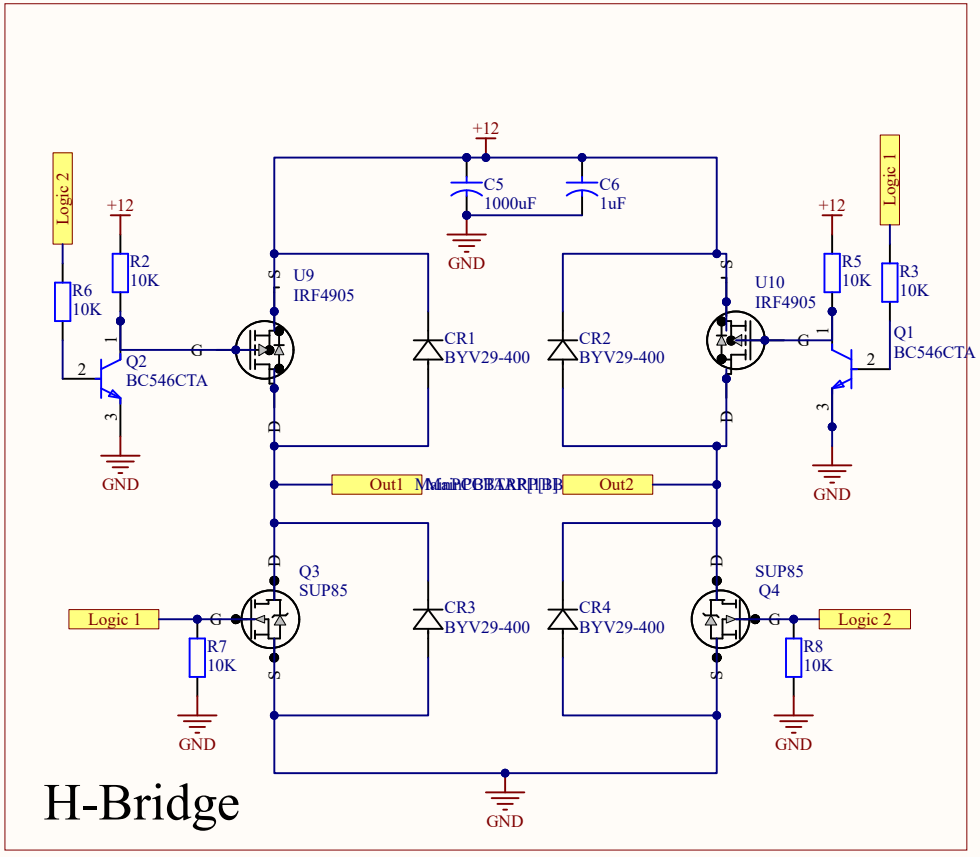


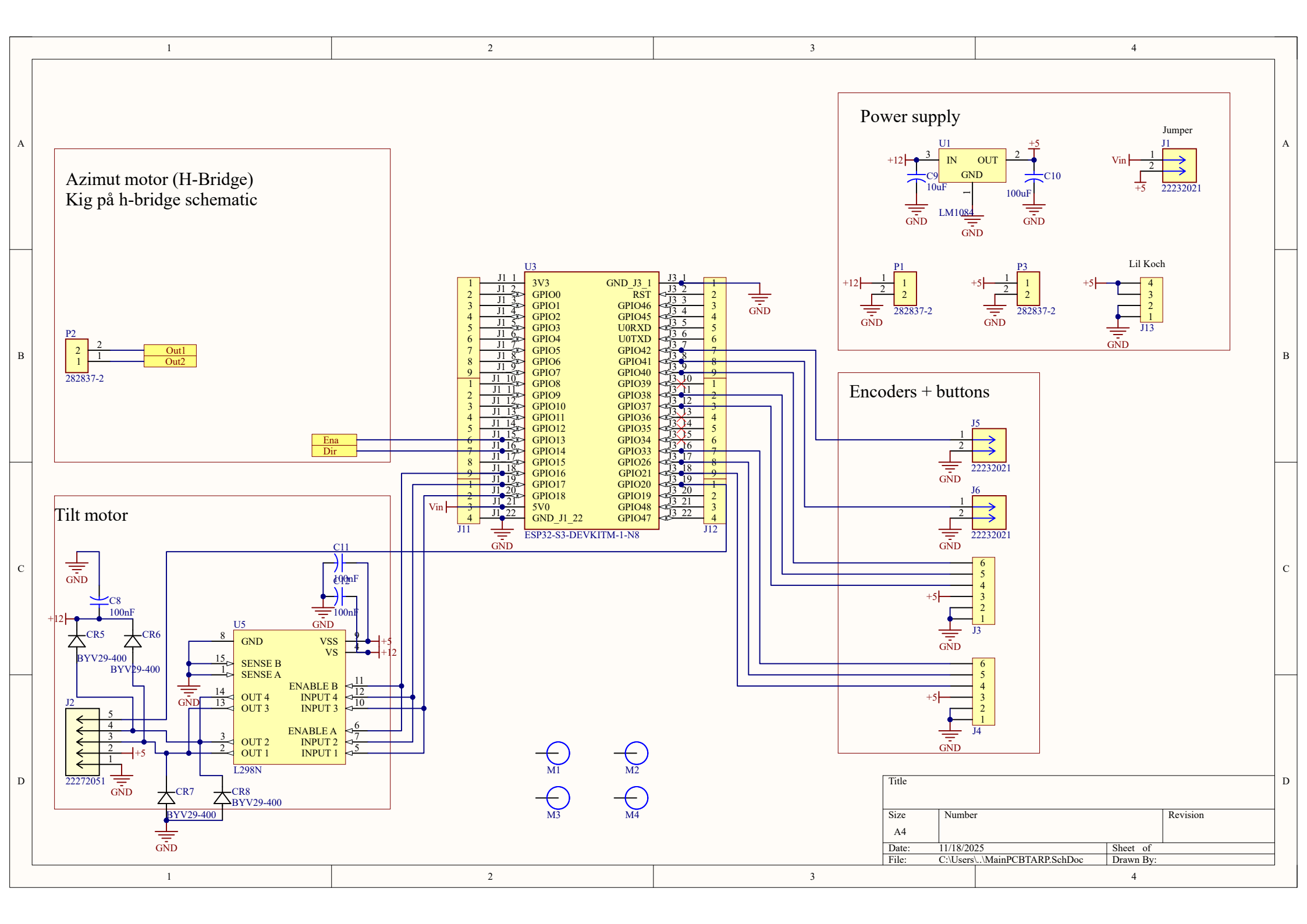
Logic



Not-connected logic



H-Bridge


Azimut motor (H-Bridge)
Kig på h-bridge schematic
P2
282837-2
Out1
Out2
Ena
Dir
Power supply
U1
IN
OUT
GND
LM1084
C9
10uF
C10
100uF
+12
+5
Jumper
J1
Vin
22232021
P1
282837-2
P3
282837-2
Lil Koch
J13
U3
ESP32-S3-DEVKITM-1-N8
J11
J12
3V3
GPIO0
GPIO1
GPIO2
GPIO3
GPIO4
GPIO5
GPIO6
GPIO7
GPIO8
GPIO9
GPIO10
GPIO11
GPIO12
GPIO13
GPIO14
GPIO15
GPIO16
GPIO17
GPIO18
5V0
GND_J1_22
GND_J3_1
RST
GPIO46
GPIO45
U0RXD
U0TXD
GPIO42
GPIO41
GPIO40
GPIO39
GPIO38
GPIO37
GPIO36
GPIO35
GPIO34
GPIO33
GPIO26
GPIO21
GPIO20
GPIO19
GPIO48
GPIO47
Encoders + buttons
J5
J6
J3
J4
Tilt motor
U5
L298N
GND
VSS
VS
SENSE B
SENSE A
OUT 4
OUT 3
OUT 2
OUT 1
ENABLE B
INPUT 4
INPUT 3
ENABLE A
INPUT 2
INPUT 1
C8
100nF
C11
100nF
C12
100nF
CR5
CR6
CR7
CR8
BYV29-400
J2
22272051
M1
M2
M3
M4
Title
Size
A4
Number
Revision
Date:
11/18/2025
Sheet of
File:
C:\Users\..\MainPCBTARP.SchDoc
Drawn By: