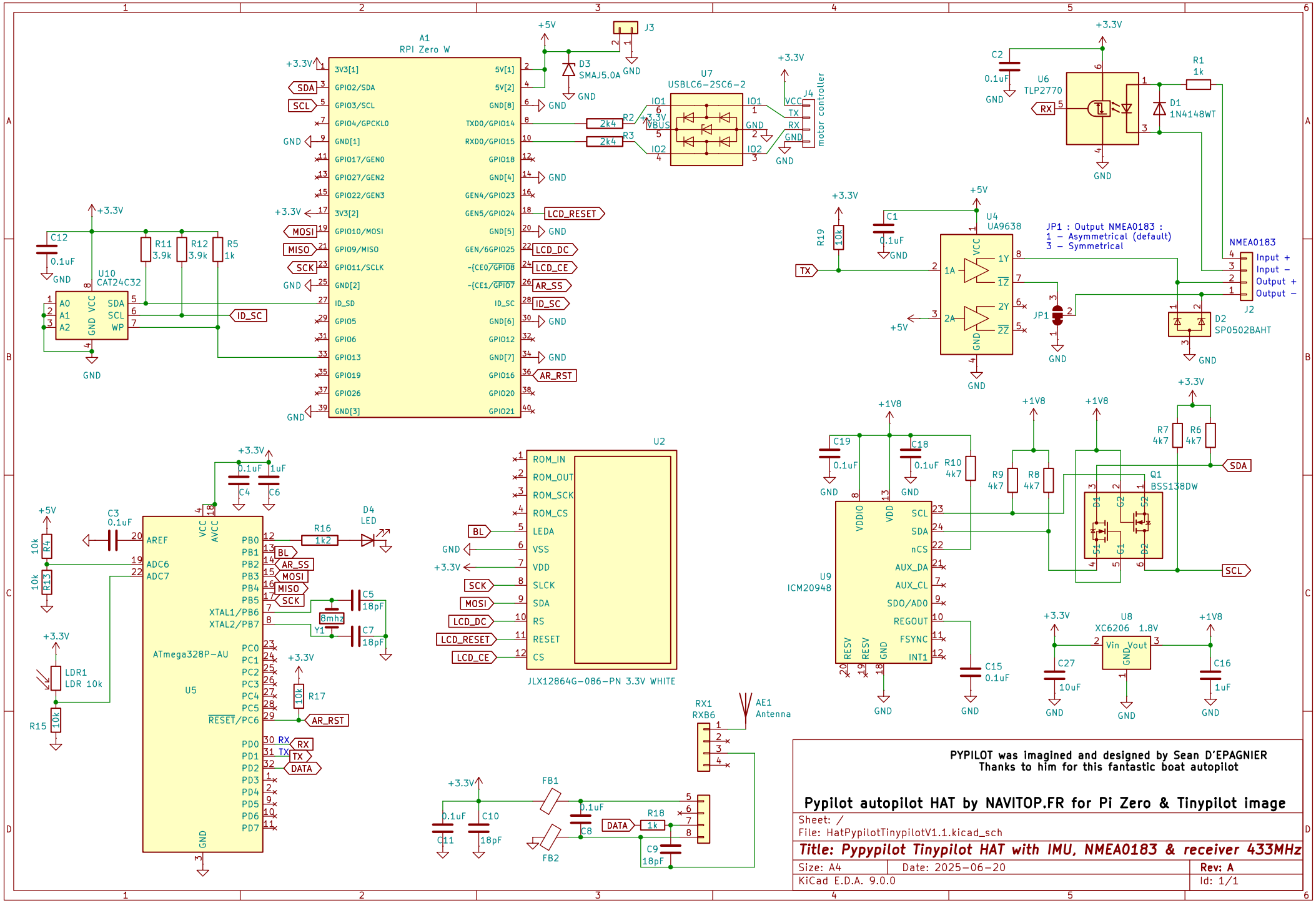
A1
RPI Zero W
U7
USBLC6-2SC6-2
J4
motor controller
U6
TLP2770
U4
UA9638
JP1 : Output NMEA0183 :
1 – Asymmetrical (default)
3 – Symmetrical
NMEA0183
Input +
Input –
Output +
Output –
J2
D2
SP0502BAHT
U10
CAT24C32
ID_SC
U5
ATmega328P–AU
U2
JLX12864G–086–PN 3.3V WHITE
U9
ICM20948
U8
XC6206 1.8V
Q1
BSS138DW
RX1
RXB6
AE1
Antenna
FB1
FB2
PYPILOT was imagined and designed by Sean D'EPAGNIER
Thanks to him for this fantastic boat autopilot
Pypilot autopilot HAT by NAVITOP.FR for Pi Zero & Tinypilot image
Sheet: /
File: HatPypilotTinypilotV1.1.kicad_sch
Title: Pypypilot Tinypilot HAT with IMU, NMEA0183 & receiver 433MHz
Size: A4
Date: 2025–06–20
Rev: A
KiCad E.D.A. 9.0.0
Id: 1/1