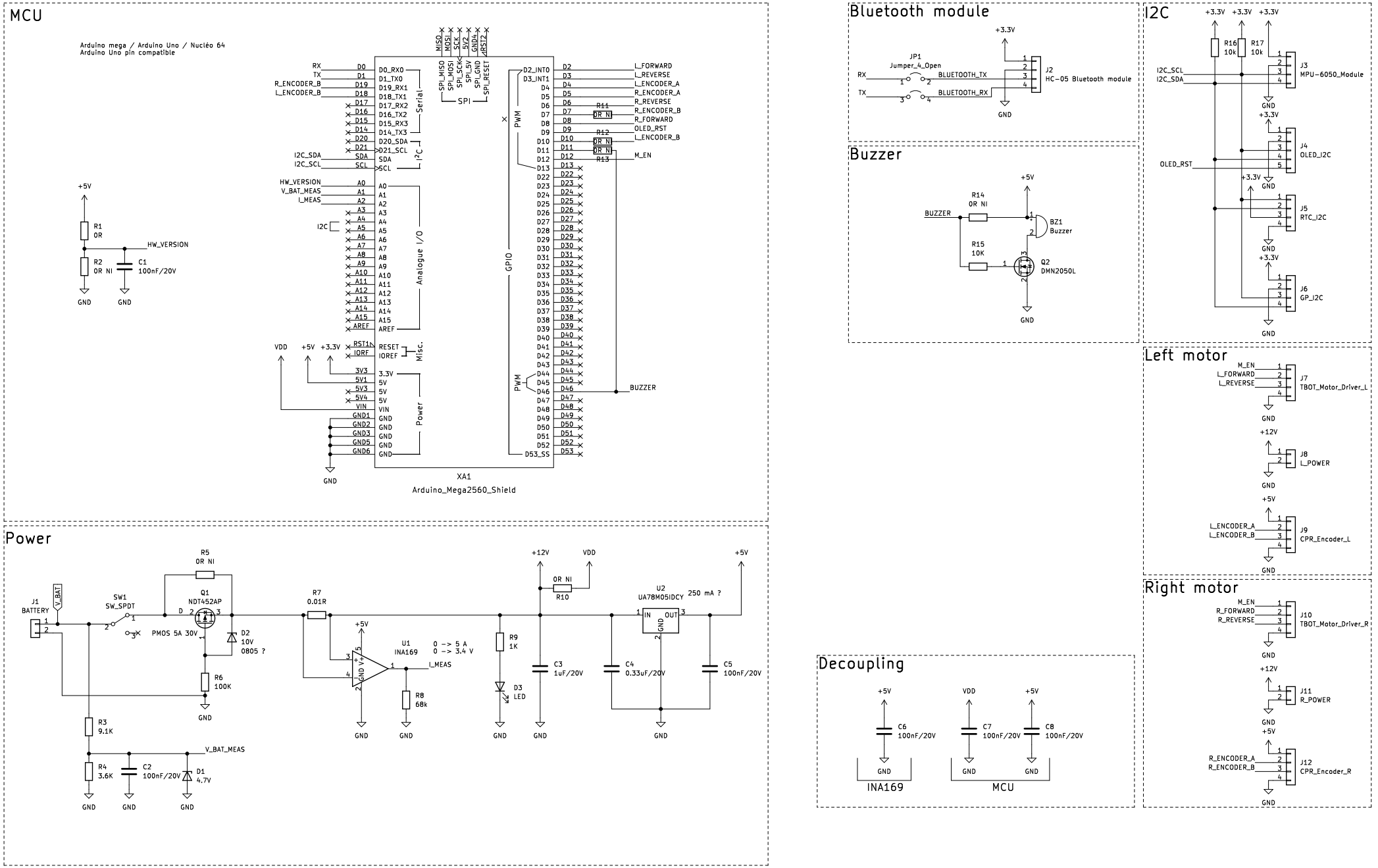
MCU
Arduino mega / Arduino Uno / Nucléo 64
Arduino Uno pin compatible
XA1
Arduino_Mega2560_Shield
Bluetooth module
JP1
Jumper_4_Open
J2
HC-05 Bluetooth module
BLUETOOTH_TX
BLUETOOTH_RX
Buzzer
R14
0R NI
R15
10K
BZ1
Buzzer
Q2
DMN2050L
I2C
R16
10k
R17
10k
J3
MPU-6050_Module
J4
OLED_I2C
J5
RTC_I2C
J6
GP_I2C
Left motor
J7
TBOT_Motor_Driver_L
J8
L_POWER
J9
CPR_Encoder_L
Right motor
J10
TBOT_Motor_Driver_R
J11
R_POWER
J12
CPR_Encoder_R
Power
J1
BATTERY
V_BAT
SW1
SW_SPDT
Q1
NDT452AP
PMOS 5A 30V
D2
10V
0805 ?
R5
0R NI
R6
100K
R3
9.1K
R4
3.6K
C2
100nF/20V
D1
4.7V
V_BAT_MEAS
R7
0.01R
U1
INA169
0 -> 5 A
0 -> 3.4 V
I_MEAS
R8
68k
R9
1K
D3
LED
R10
0R NI
C3
1uF/20V
U2
UA78M05IDCY
250 mA ?
C4
0.33uF/20V
C5
100nF/20V
Decoupling
C6
100nF/20V
C7
100nF/20V
C8
100nF/20V
INA169
MCU