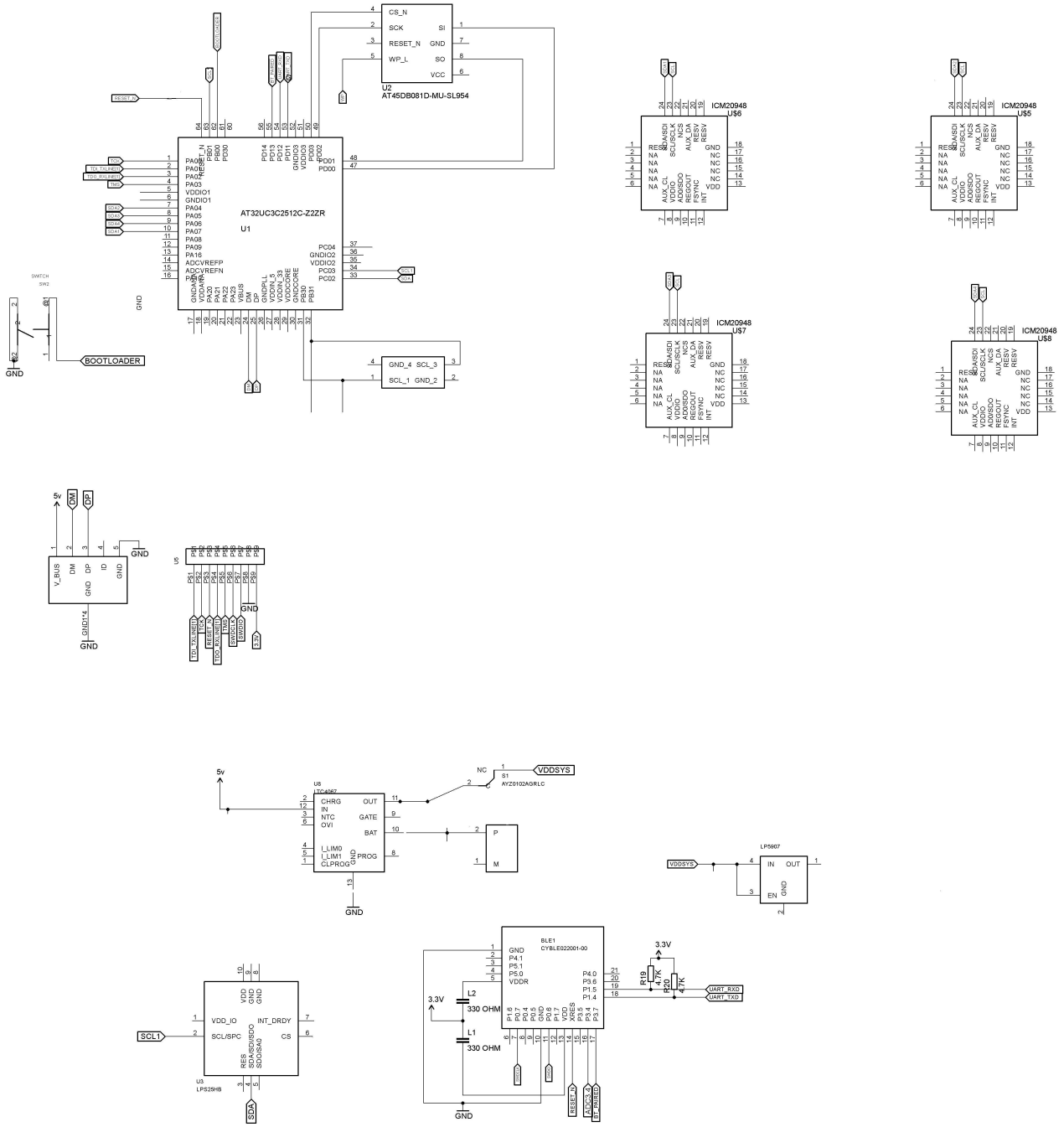

U2
AT45DB081D-MU-SL954
CS_N
SCK
RESET_N
WP_L
SI
GND
SO
VCC
AT32UC3C2512C-Z2ZR
U1
ICM20948
U$6
ICM20948
U$5
ICM20948
U$7
ICM20948
U$8
BOOTLOADER
GND
GND_4 SCL_3
SCL_1 GND_2
5v
DM
DP
V_BUS
GND
U5
U8
TC4067
CHRG
IN
NTC
OVI
OUT
GATE
BAT
PROG
I_LIM0
I_LIM1
CLPROG
S1
AYZ0102AGRLC
VDDSYS
LP5907
IN
OUT
EN
BLE1
CYBLE022001-00
L2
330 OHM
L1
330 OHM
3.3V
R19
4.7K
R20
4.7K
UART_RXD
UART_TXD
SCL1
SDA
U3
LPS25HB
VDD_IO
SCL/SPC
INT_DRDY
CS