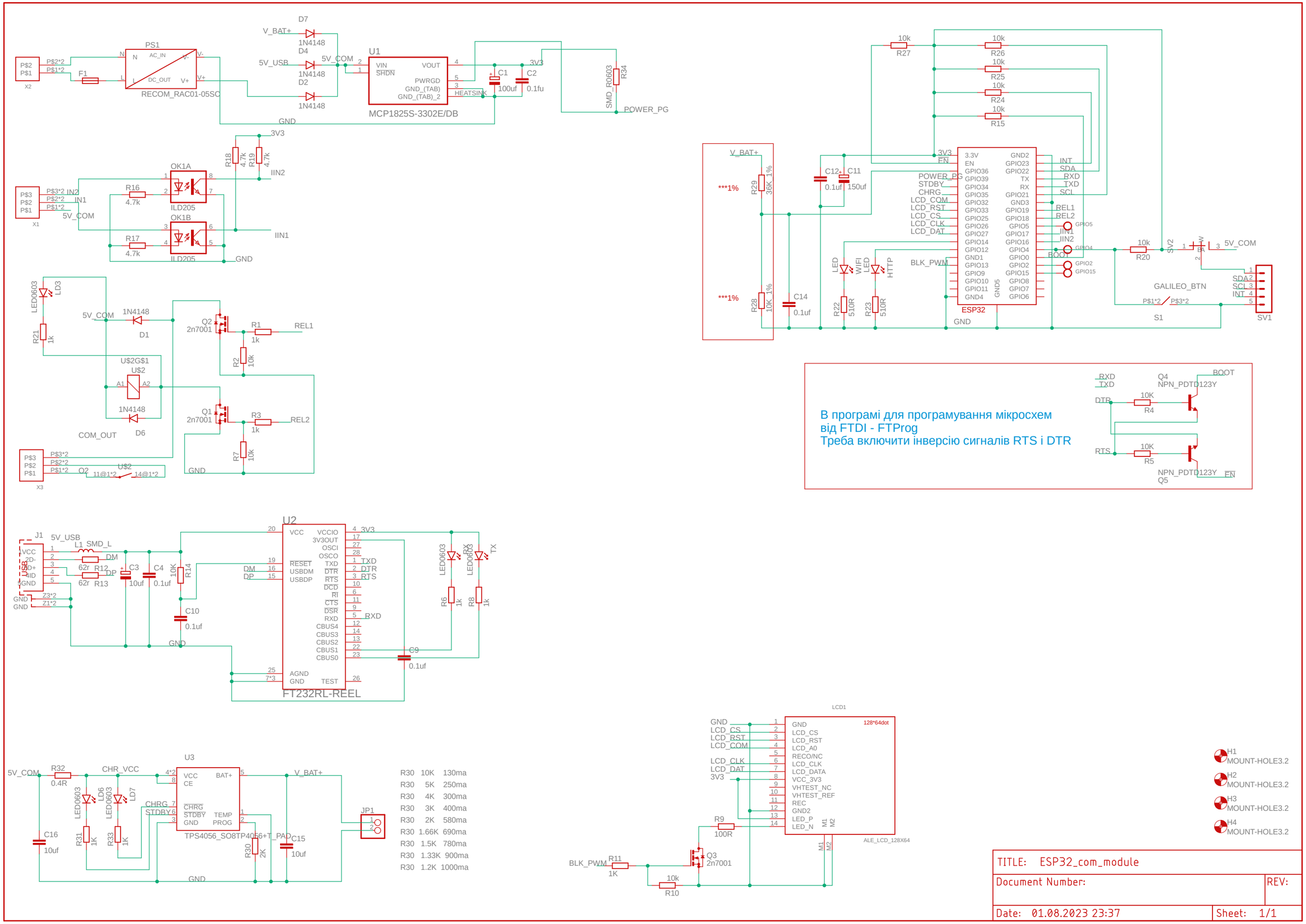
PS1
RECOM_RAC01-05SC
F1
X2
D7
1N4148
D4
D2
V_BAT+
5V_USB
5V_COM
U1
MCP1825S-3302E/DB
VIN
SHDN
VOUT
PWRGD
GND_(TAB)
HEATSINK
C1
100uf
C2
0.1fu
3V3
R34
SMD_R0603
POWER_PG
GND
OK1A
OK1B
ILD205
R16
R17
4.7k
R18
R19
IIN2
IIN1
X1
LED0603
LD3
R21
1k
1N4148
D1
D6
U$2G$1
U$2
Q2
2n7001
Q1
R1
R2
R3
R7
10k
REL1
REL2
COM_OUT
X3
J1
5V_USB
L1_SMD_L
DM
DP
62r R12
62r R13
C3
10uf
C4
0.1uf
R14
C10
0.1uf
U2
FT232RL-REEL
VCC
VCCIO
3V3OUT
OSCI
OSCO
RESET
USBDM
USBDP
TXD
DTR
RTS
DCD
RI
CTS
DSR
RXD
CBUS4
CBUS3
CBUS2
CBUS1
CBUS0
AGND
TEST
C9
0.1uf
R6
R8
TX
RX
U3
TPS4056_SO8TP4056+T_PAD
CHR_VCC
R32
0.4R
C16
10uf
R31
R33
LD6
LD7
CHRG
STDBY
TEMP
PROG
BAT+
R30
2K
C15
10uf
JP1
R30 10K 130ma
R30 5K 250ma
R30 4K 300ma
R30 3K 400ma
R30 2K 580ma
R30 1.66K 690ma
R30 1.5K 780ma
R30 1.33K 900ma
R30 1.2K 1000ma
R27
R26
R25
R24
R15
R29
36K 1%
R28
10K 1%
***1%
C12
C11
0.1uf
150uf
C14
0.1uf
R22
R23
510R
LED
WIFI
HTTP
ESP32
3.3V
EN
GPIO36
GPIO39
GPIO34
GPIO35
GPIO32
GPIO33
GPIO25
GPIO26
GPIO27
GPIO14
GPIO12
GND1
GPIO13
GPIO9
GPIO10
GPIO11
GND4
GND5
GND2
GPIO23
GPIO22
TX
RX
GPIO21
GND3
GPIO19
GPIO18
GPIO5
GPIO17
GPIO16
GPIO4
GPIO0
GPIO2
GPIO15
GPIO8
GPIO7
GPIO6
POWER_PG
STDBY
CHRG
LCD_COM
LCD_RST
LCD_CS
LCD_CLK
LCD_DAT
BLK_PWM
INT
SDA
RXD
TXD
SCL
REL1
REL2
IIN1
IIN2
BOOT
R20
GALILEO_BTN
S1
SV1
5V_COM
В програмі для програмування мікросхем
від FTDI - FTProg
Треба включити інверсію сигналів RTS і DTR
RXD
TXD
DTR
RTS
Q4
NPN_PDTD123Y
R4
R5
Q5
EN
LCD1
128*64dot
ALE_LCD_128X64
LCD_A0
RECO/NC
VCC_3V3
VHTEST_NC
VHTEST_REF
REC
LED_P
LED_N
M1
M2
R9
100R
Q3
2n7001
BLK_PWM
R11
1K
R10
H1
H2
H3
H4
MOUNT-HOLE3.2
TITLE: ESP32_com_module
Document Number:
REV:
Date: 01.08.2023 23:37
Sheet: 1/1