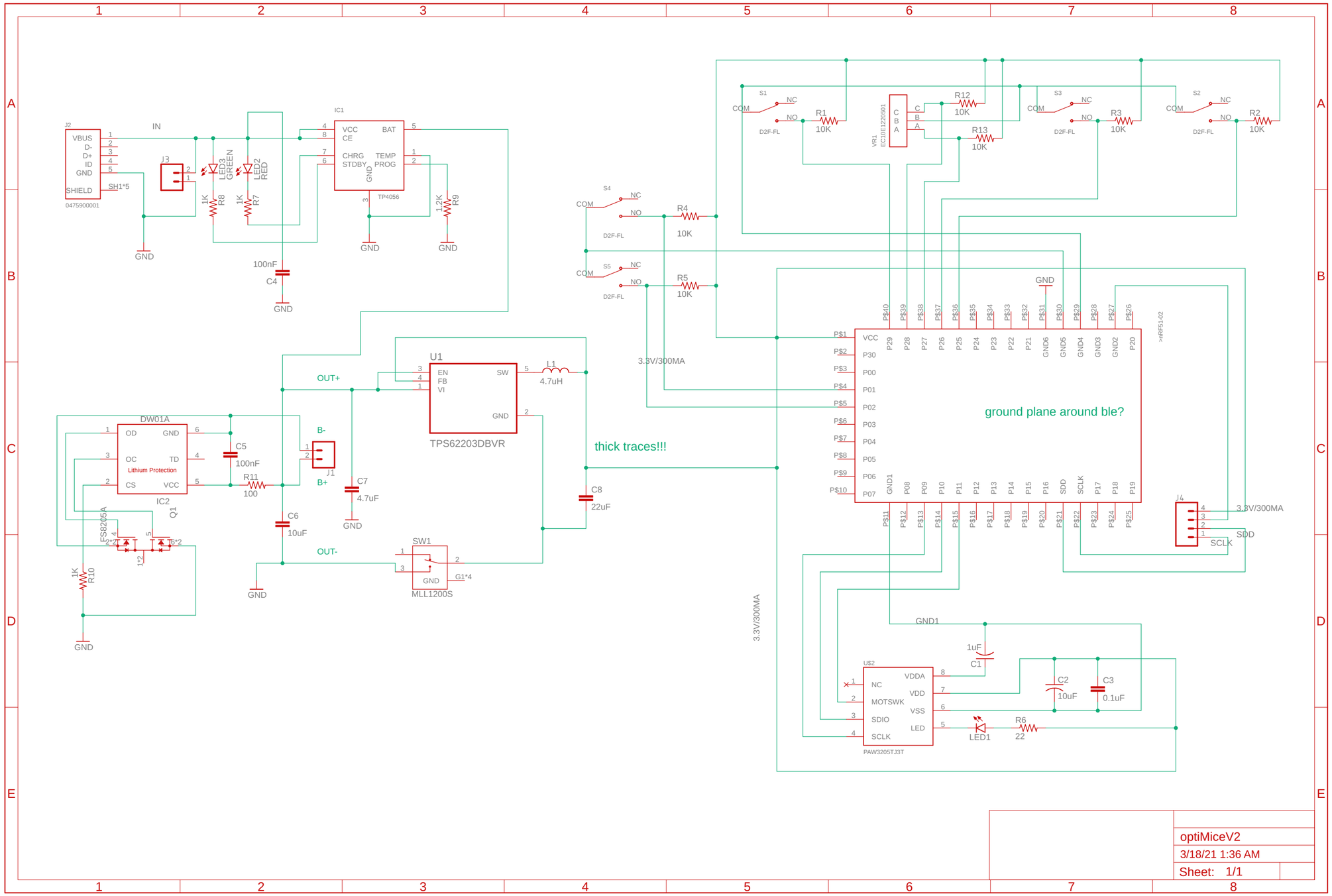
J2
VBUS
D-
D+
ID
GND
SHIELD
SH1*5
0475900001
IN
J3
LED2 GREEN
LED2 RED
1K R8
1K R7
IC1
VCC
CE
BAT
CHRG
STDBY
TEMP
PROG
GND
TP4056
1.2K R9
GND
100nF C4
GND
S1
COM
NC
NO
D2F-FL
R1 10K
VR1 EC10E1220501
R12 10K
R13 10K
S3
R3 10K
S2
R2 10K
S4
R4 10K
S5
R5 10K
3.3V/300MA
U1
EN
FB
VI
SW
GND
TPS62203DBVR
L1 4.7uH
OUT+
OUT-
thick traces!!!
C8 22uF
DW01A
OD
GND
OC
TD
CS
VCC
Lithium Protection
IC2
C5 100nF
R11 100
C6 10uF
B-
B+
J1
C7 4.7uF
FS8205A
Q1
1K R10
SW1
MLL1200S
G1*4
ground plane around ble?
VCC
P30
P00
P01
P02
P03
P04
P05
P06
P07
GND1
P08
P09
P10
P11
P12
P13
P14
P15
P16
SDD
SCLK
P17
P18
P19
P20
GND2
GND3
GND4
GND5
GND6
P21
P22
P23
P24
P25
P26
P27
P28
P29
P30
P31
P32
P33
P34
P35
P36
P37
P38
P39
P40
>NRF51-02
J4
3.3V/300MA
SDD
SCLK
GND1
1uF C1
U$2
NC
MOTSWK
SDIO
SCLK
VDDA
VDD
VSS
LED
PAW3205TJ3T
C2 10uF
C3 0.1uF
LED1
R6 22
optiMiceV2
3/18/21 1:36 AM
Sheet: 1/1