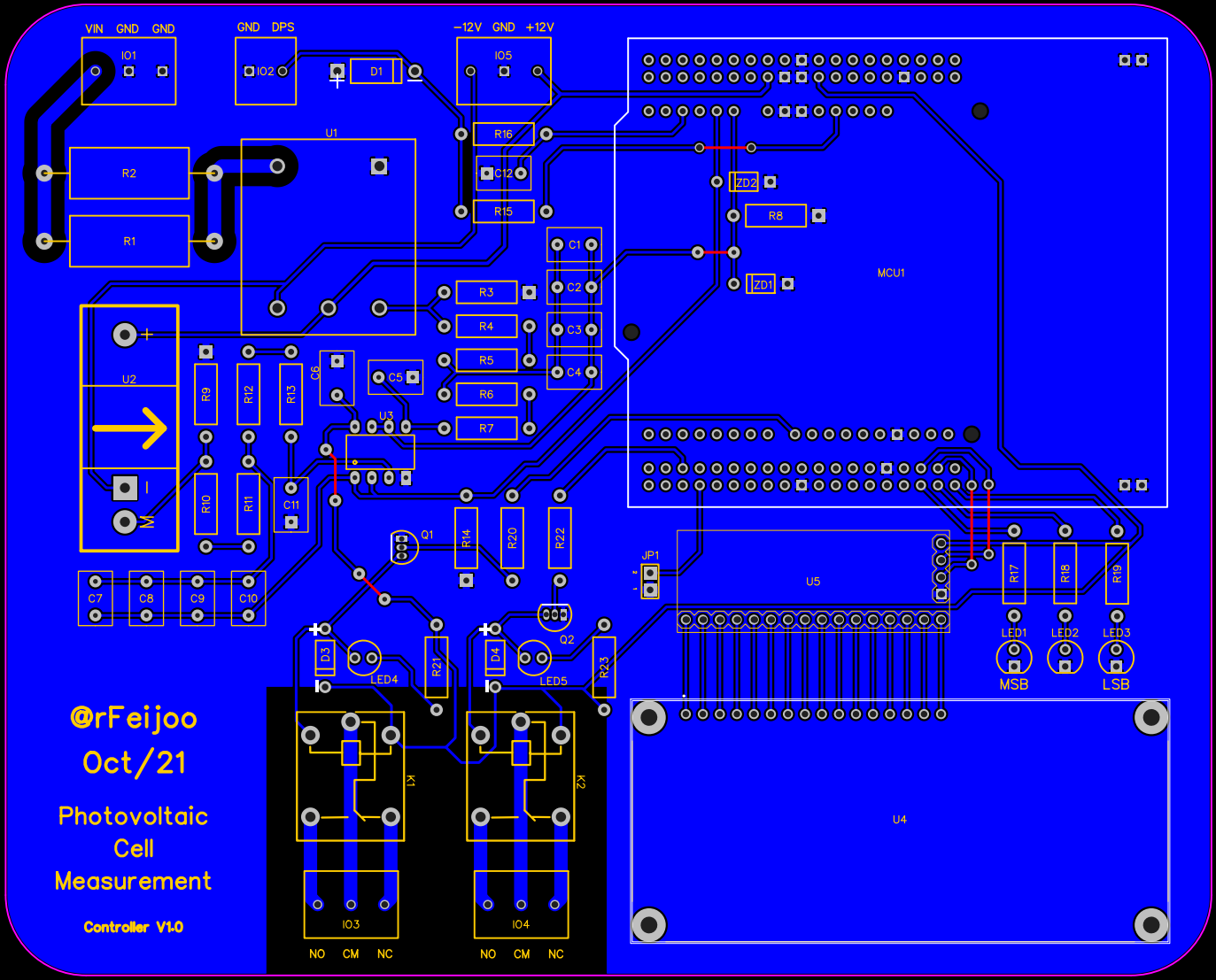
VIN GND GND
IO1
GND DPS
IO2
D1
-12V GND +12V
IO5
U1
R2
R1
R16
C12
R15
C1
C2
C3
C4
R3
R4
R5
R6
R7
ZD2
R8
ZD1
MCU1
U2
R9
R12
R13
C6
C5
U3
R10
R11
C11
Q1
R14
R20
R22
C7
C8
C9
C10
JP1
U5
R17
R18
R19
LED1
LED2
LED3
MSB
LSB
D3
LED4
R21
D4
LED5
Q2
R23
K1
K2
IO3
IO4
NO CM NC
NO CM NC
U4
@rFeijoo
Oct/21
Photovoltaic
Cell
Measurement
Controller V1.0