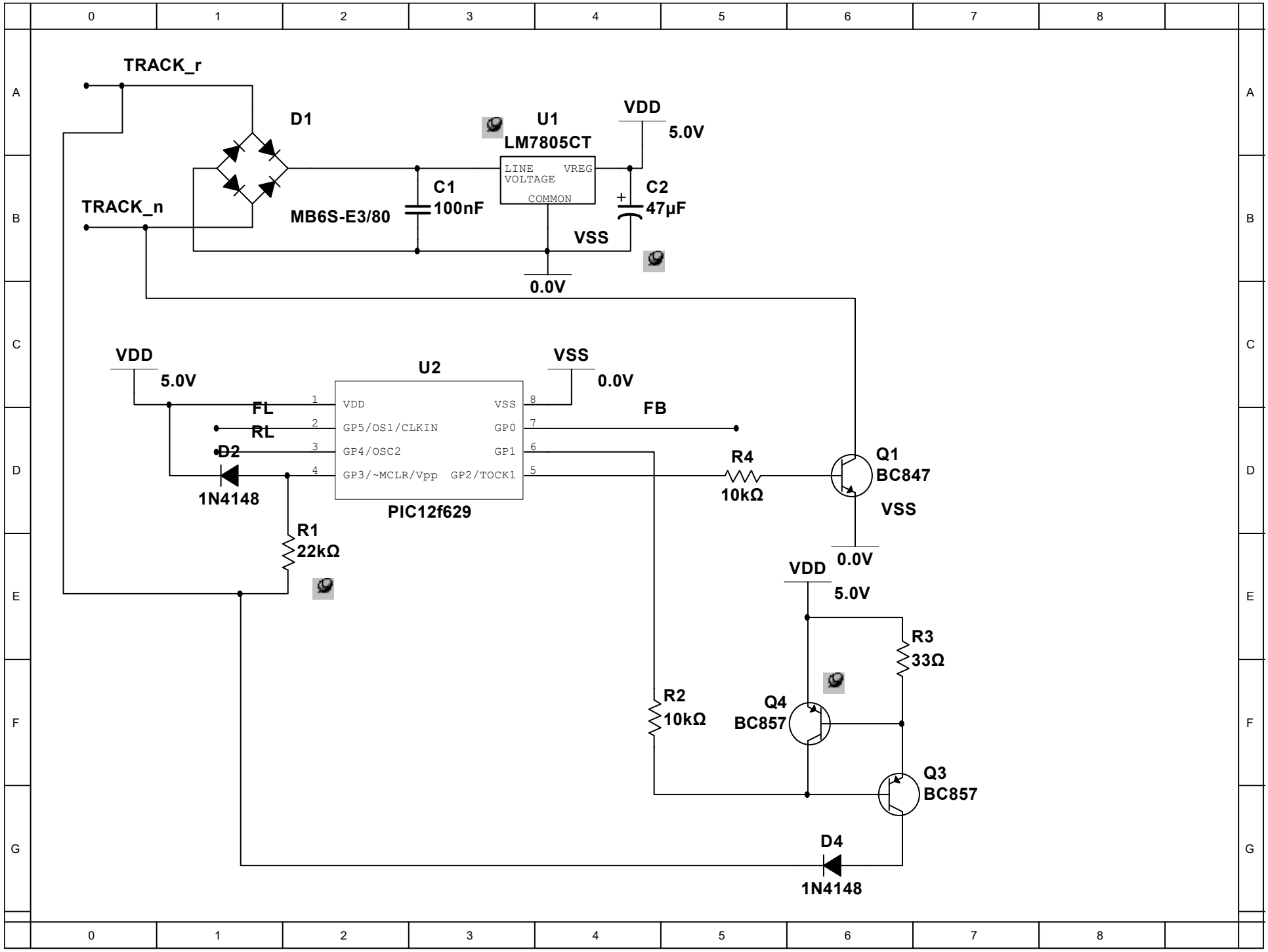

TRACK_r
TRACK_n
D1
MB6S-E3/80
C1
100nF
U1
LM7805CT
LINE
VOLTAGE
VREG
COMMON
VDD
5.0V
C2
47µF
VSS
0.0V
VDD
5.0V
U2
VSS
0.0V
FL
RL
D2
1N4148
1 VDD
2 GP5/OS1/CLKIN
3 GP4/OSC2
4 GP3/~MCLR/Vpp
8 VSS
7 GP0
6 GP1
5 GP2/TOCK1
PIC12f629
FB
R4
10kΩ
Q1
BC847
VSS
0.0V
R1
22kΩ
VDD
5.0V
R3
33Ω
R2
10kΩ
Q4
BC857
Q3
BC857
D4
1N4148