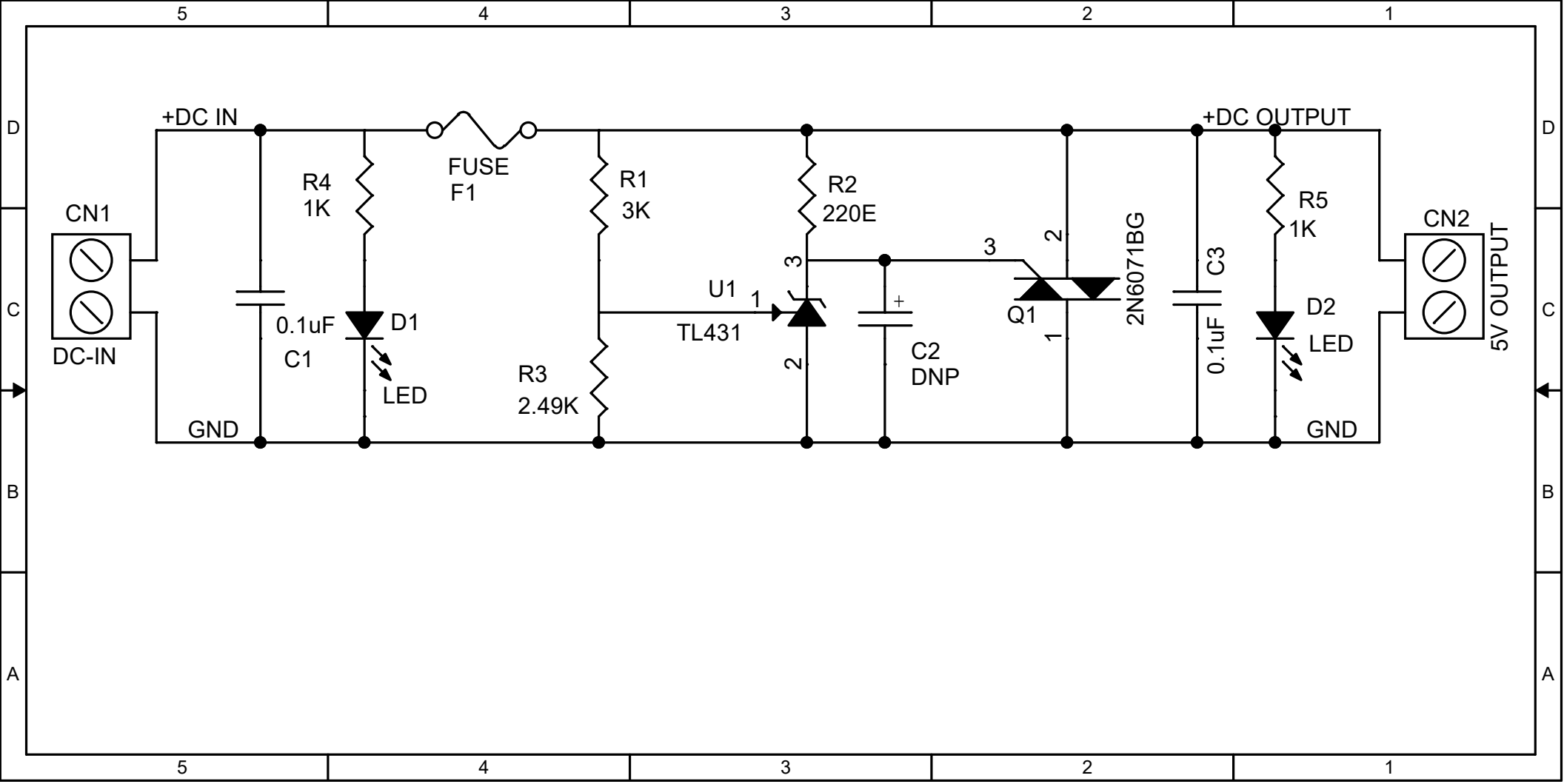
+DC IN
GND
CN1
DC-IN
0.1uF
C1
R4
1K
D1
LED
FUSE
F1
R3
2.49K
R1
3K
U1
TL431
R2
220E
C2
DNP
Q1
2N6071BG
C3
0.1uF
R5
1K
D2
LED
+DC OUTPUT
GND
CN2
5V OUTPUT