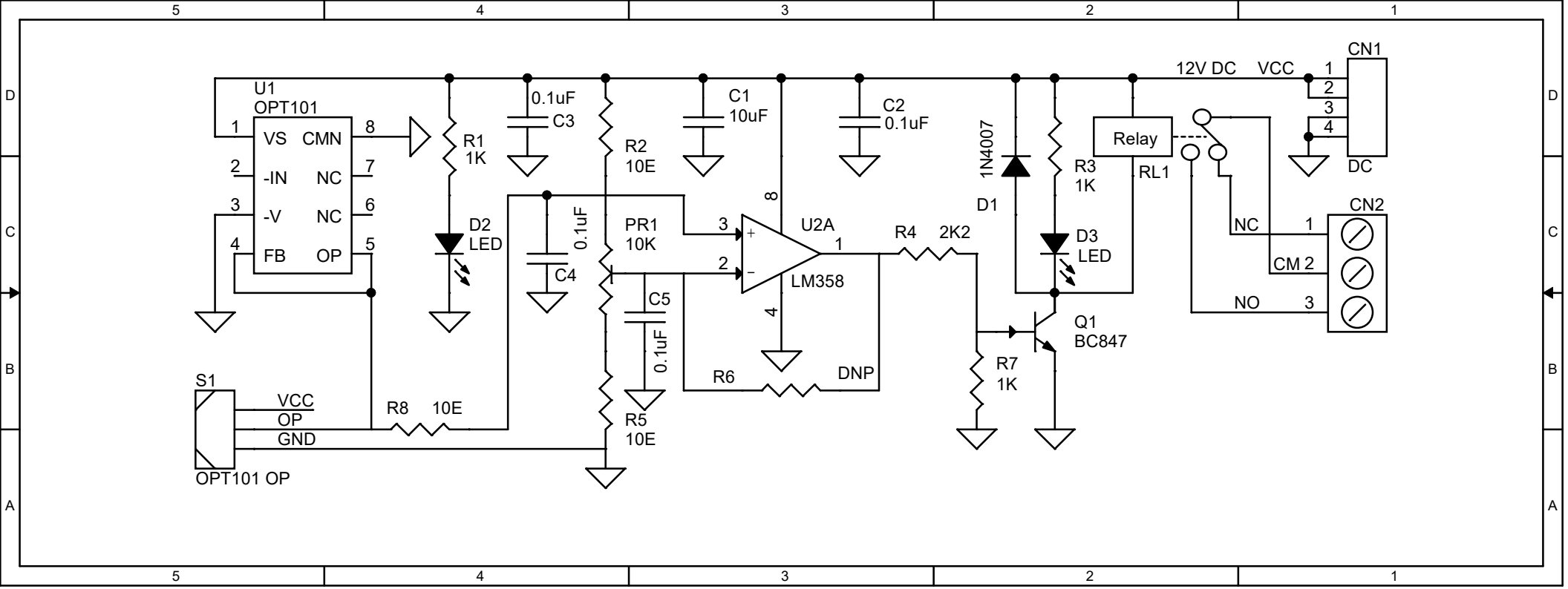
U1
OPT101
VS
CMN
-IN
NC
-V
NC
FB
OP
R1
1K
D2
LED
0.1uF
C3
R2
10E
C1
10uF
C2
0.1uF
0.1uF
C4
PR1
10K
C5
0.1uF
R5
10E
U2A
LM358
R6
DNP
R4
2K2
1N4007
D1
R3
1K
D3
LED
Relay
RL1
12V DC
VCC
CN1
DC
NC
CM 2
NO
CN2
Q1
BC847
R7
1K
S1
VCC
OP
GND
R8
10E
OPT101 OP