VCC

IN_LEFT

IC1
5
+
1
-
2
4
3
TL331
OUT_LEFT

R14
10K

LED1
LEFT

LED2
RIGHT

330
R15

330
R25

R12
56K

R13
51K

R11
12K

GND

GND

VCC

C11
1uF

C21
1uF

GND

JP4
1
2
3
4
5
6
ENCODERS

JP3
1
2
3
4
MCU

IN_RIGHT

IC2
5
+
1
-
2
4
3
TL331
OUT_RIGHT

R24
10K

VCC

R22
56K

R23
51K

R21
12K

GND