R4
4.7k

RV1
A500k

C7
220n

GND

D4
1N4148

D5
1N4148

D3
1N4148

C6
47p

H7
IN

H9
SW_IN

H2
GND

GND

H1
SW_SEND

R1
1k

C2
22n

C3
1u

RV2
B10k

RV3
A100k

H3
SW_RETURN

H10
SW_OUT

H8
OUT

R2
1M

C1
100p

C8
22n

R3
1M

GND

GND

GND

GND

GND

2
1
3
+
TL072
U1A

H4
GND

GND

H5
9V

R7
10R

PWR_FLAG
+9V

+9V

D2
LED

H6
GND

D1
1N4001

C4
100u 35V

V+
8
U1C
TL072
V-
4

R9
100k

R10
100k

C5
100u 35V

6
-
7
5
+
TL072
U1B

R8
1k

PWR_FLAG

GND

GND

GND

GND

GND

H11
SW_LED

H12
SW_GND

GND