24vac

Output 1

Output 2

K1

K2

Q1
2n2222

Q2
2n2222

R1
10kΩ

R2
10kΩ

5V

5V

5V

This schematic is intended as a general guide. DIY assembly and soldering skills are required to complete this project.

K3-K8, Q1-Q8, R1-R8
all the same connected to Q2-Q7

U1

74HC595

Q1
Q2
Q3
Q4
Q5
Q6
Q7
GND

VCC
Q0
DS
OE
ST_CP
SH_CP
MR
Q7'

WeMos D1 Mini1

WeMos D1 mini

RST
A0
D0
D5
D6
D7
D8
3V3

TX
RX
D1
D2
D3
D4
G
5V

OLED1

OLED 128x64
SSD1306
I2C

VCC

SCL
SDA

GND

5V

fritzing