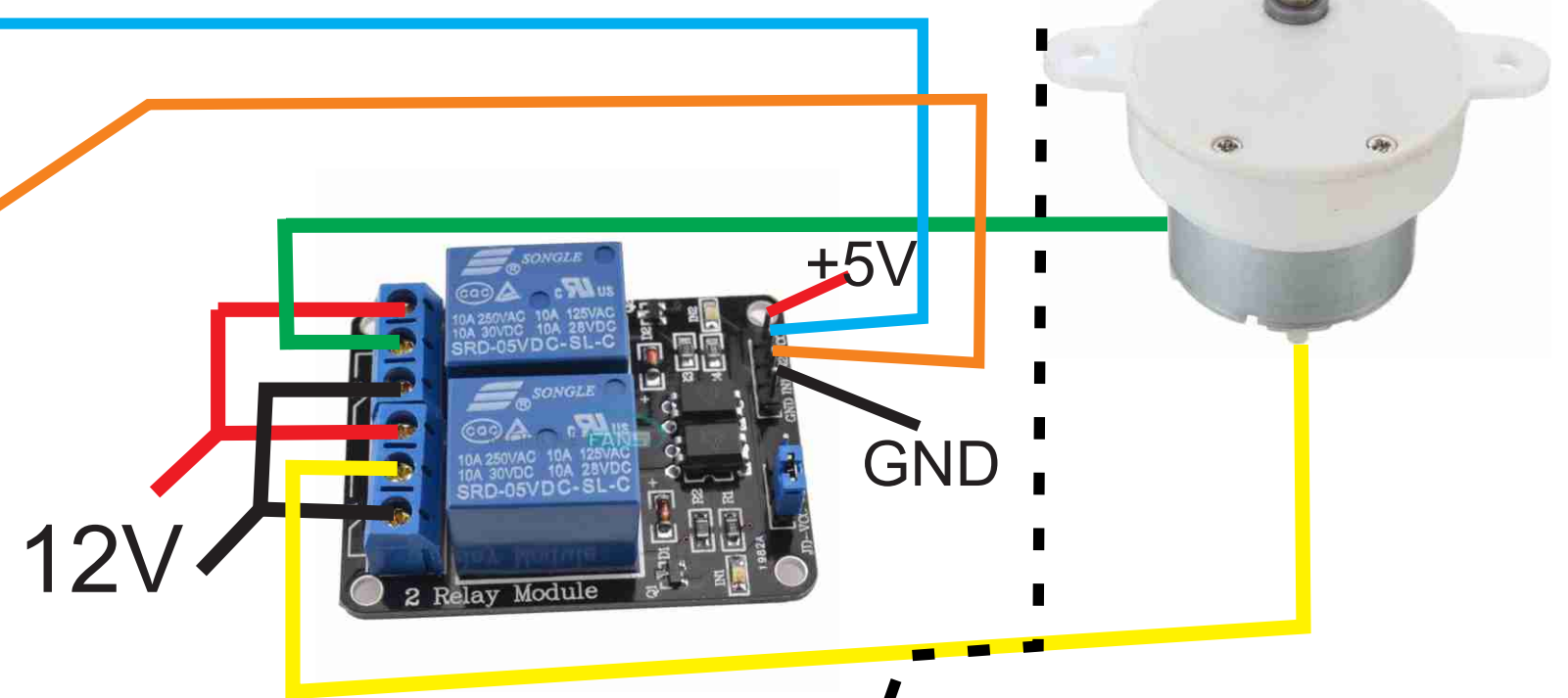
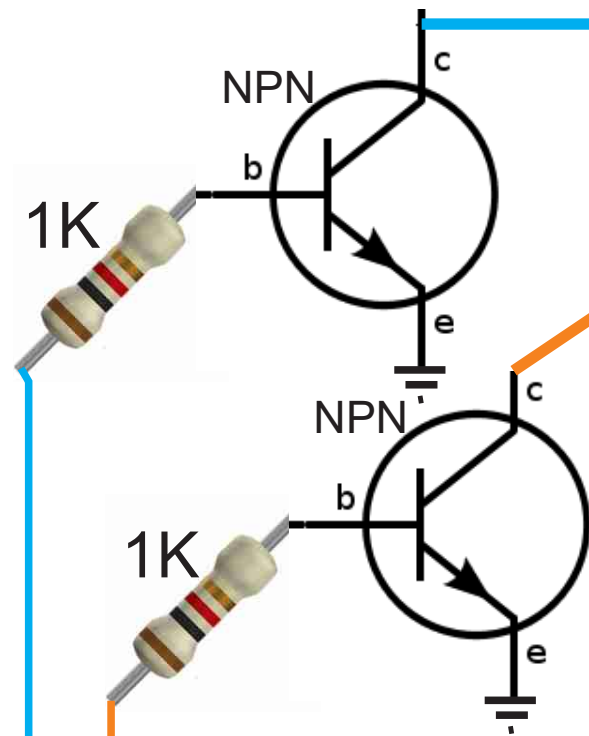


# Rotator for Attic Antenna

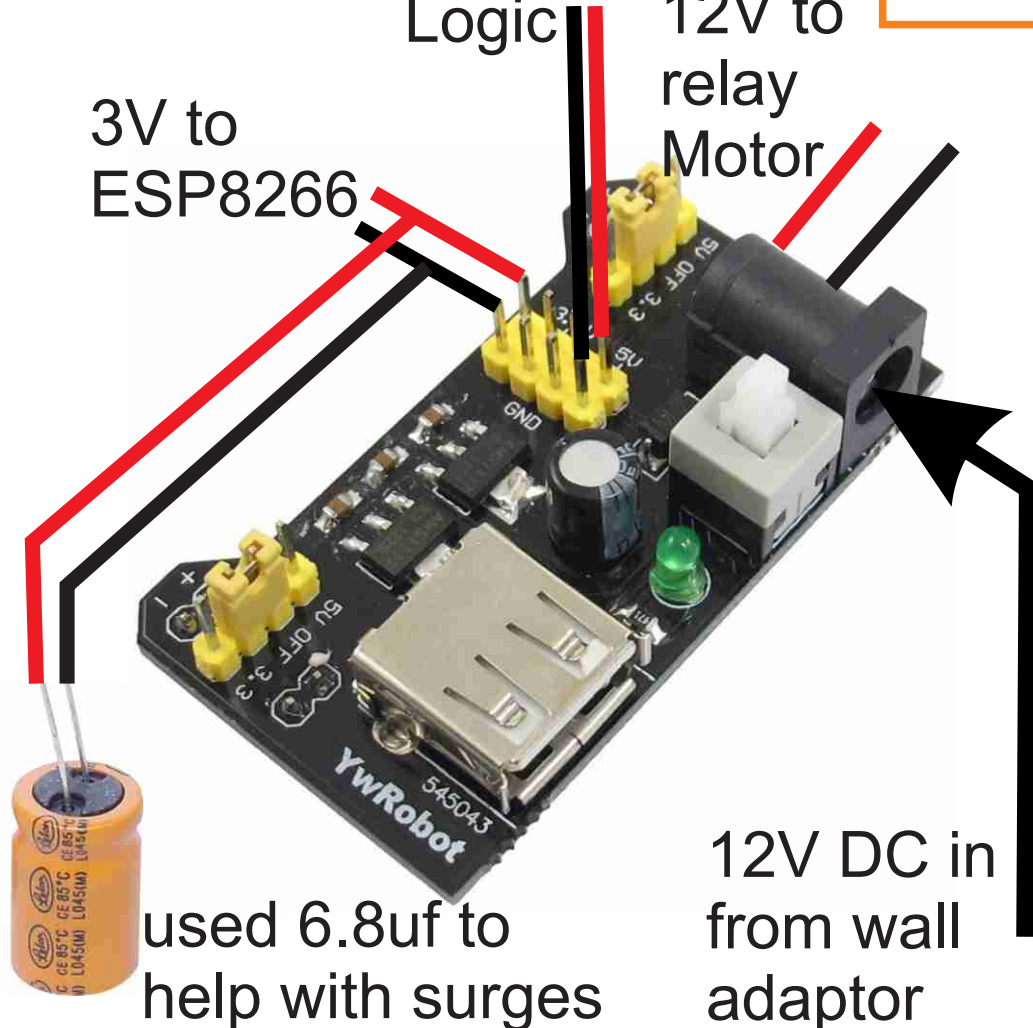


5V to  
Relay  
Logic

12V to  
relay  
Motor

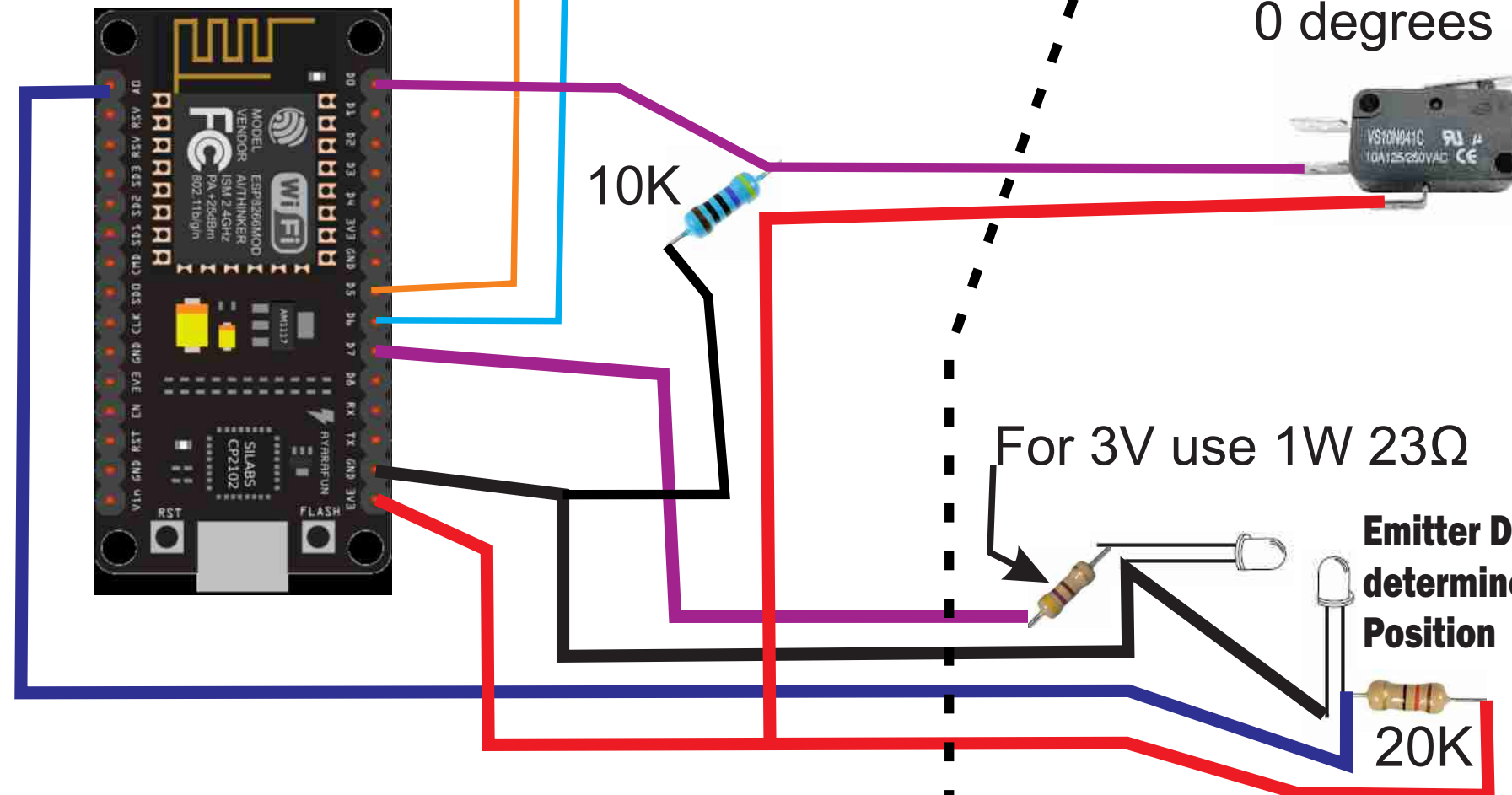
3V to  
ESP8266

Microwswitch NO  
except when at  
0 degrees



12V DC in  
from wall  
adaptor

used 6.8uf to  
help with surges

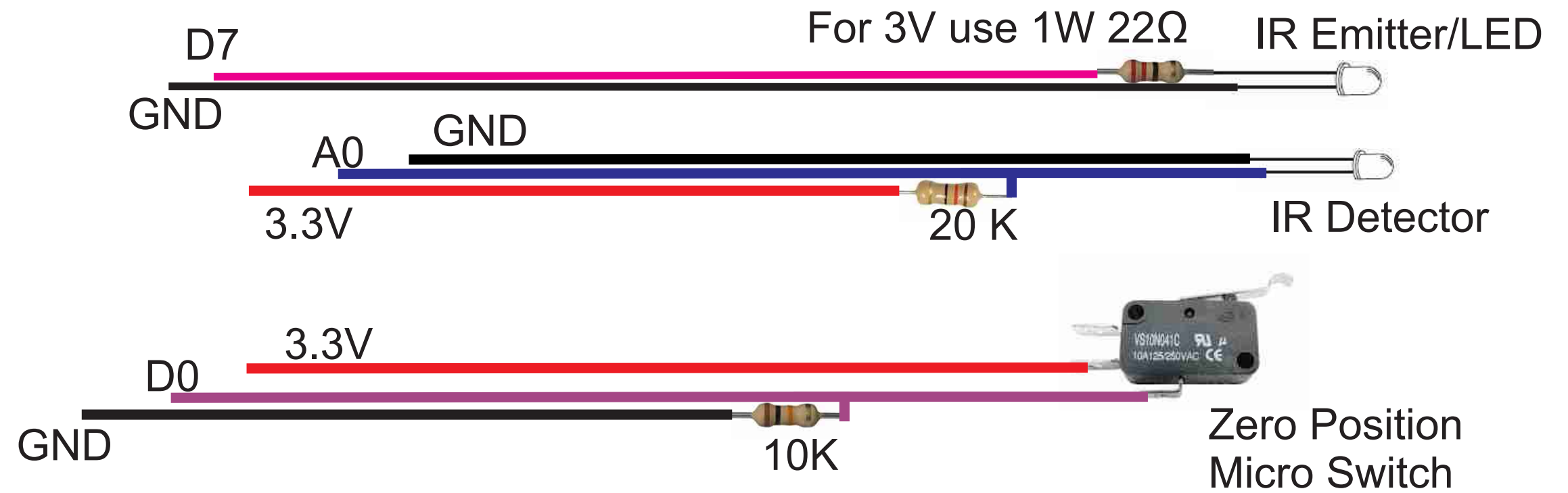


10K

For 3V use 1W 23Ω

Emitter Detector  
determine Antenna  
Position

20K



Keeping resistors at connection (ESP8266) end of cable harnesses reduces amount of wire required.

