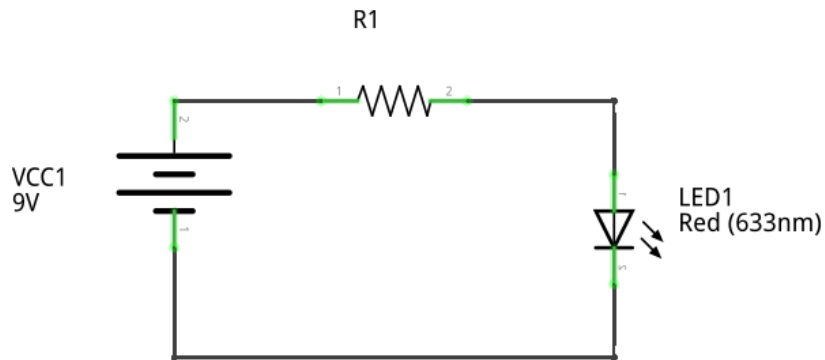


FREESOFTWARE FOUNDATION TAMILNADU

DIY HARDWARE SESSION

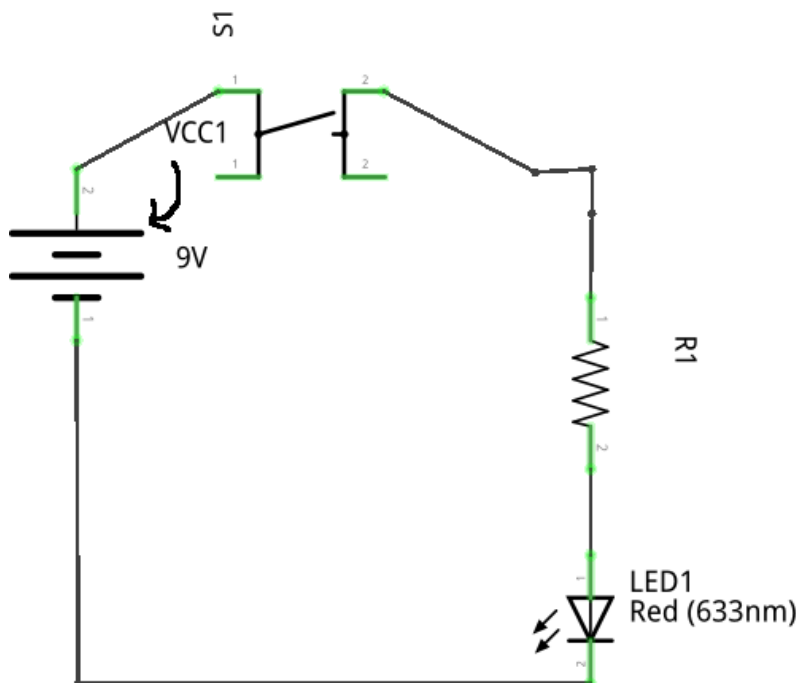
1) CONNECTING LED WITH BATTERY THROUGH RESISTOR



fritzing

Resistor, R1: 470

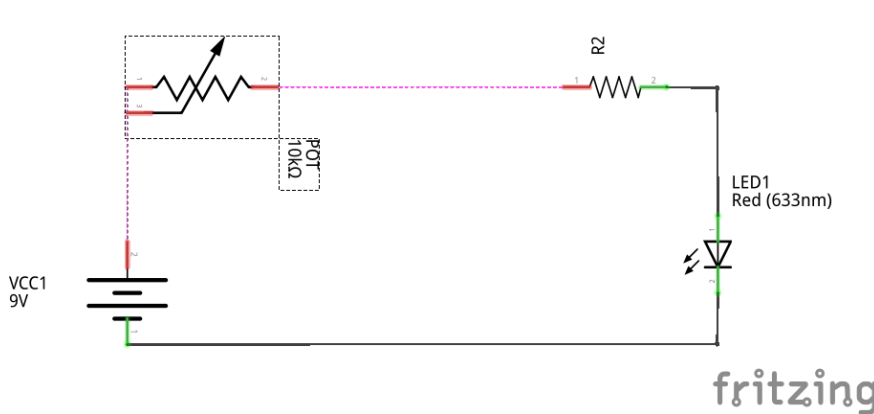
2) CONNECTING LED WITH PUSH BUTTON SWITCH



Resistor, R1: 470

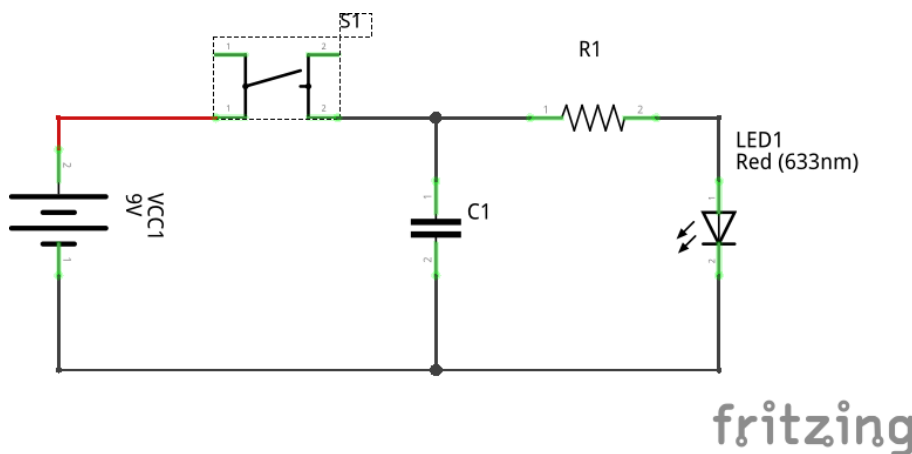
fritzing

3) CONNECTING LED WITH VARIABLE RESISTOR



Resistor, R2: 470

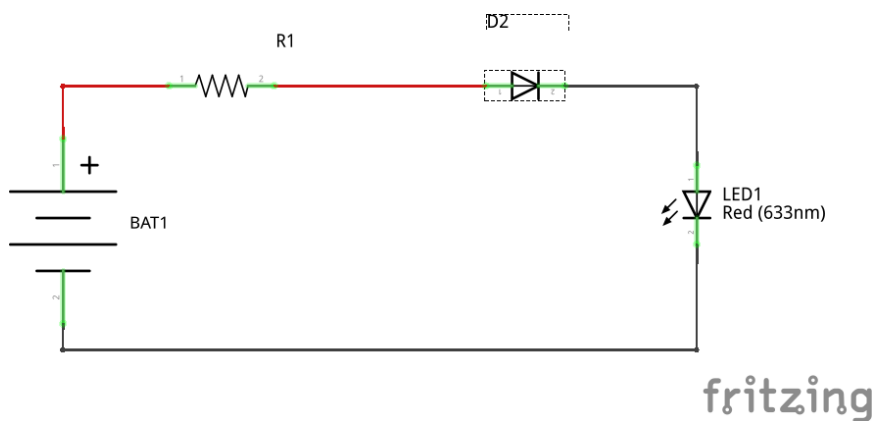
4) CONNECTING LED WITH CAPACITOR



Resistor, R1: 470

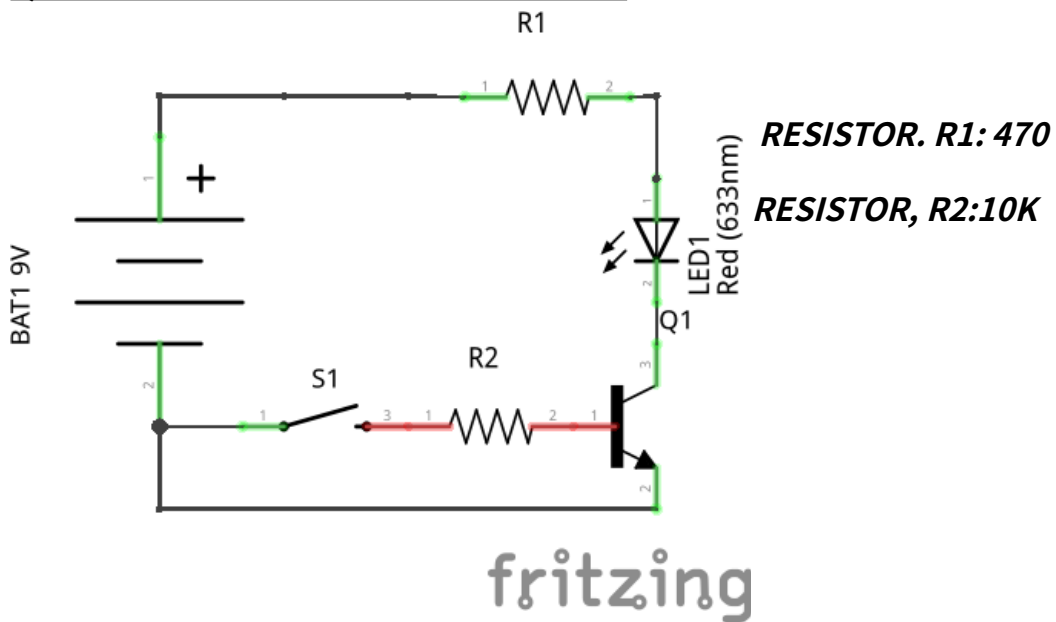
CAPACITOR, C1: 100uF

5) CONNECTING LED WITH DIODE

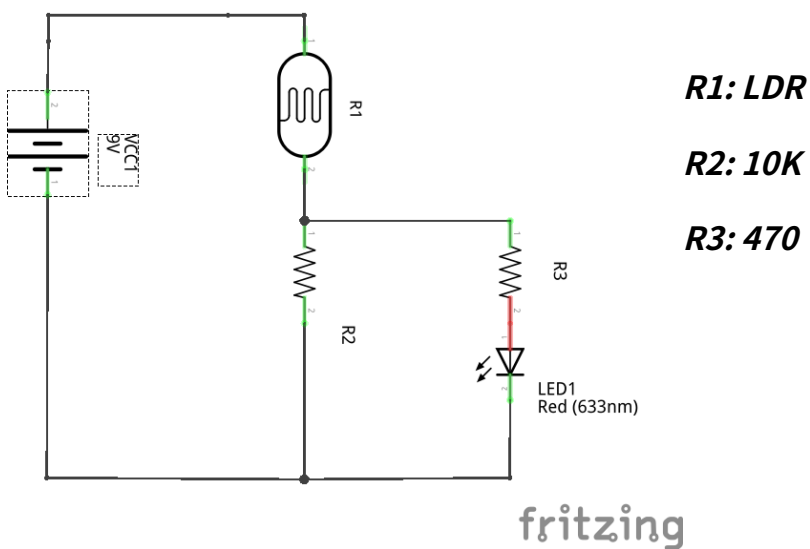


Resistor, R1: 470

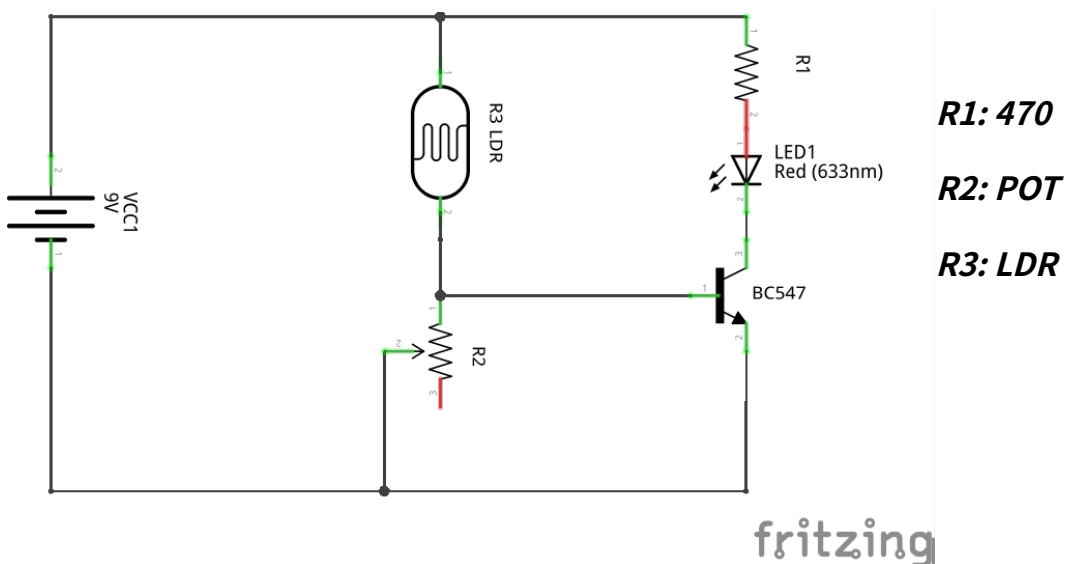
6) CONNECTING LED WITH TRANSISTOR



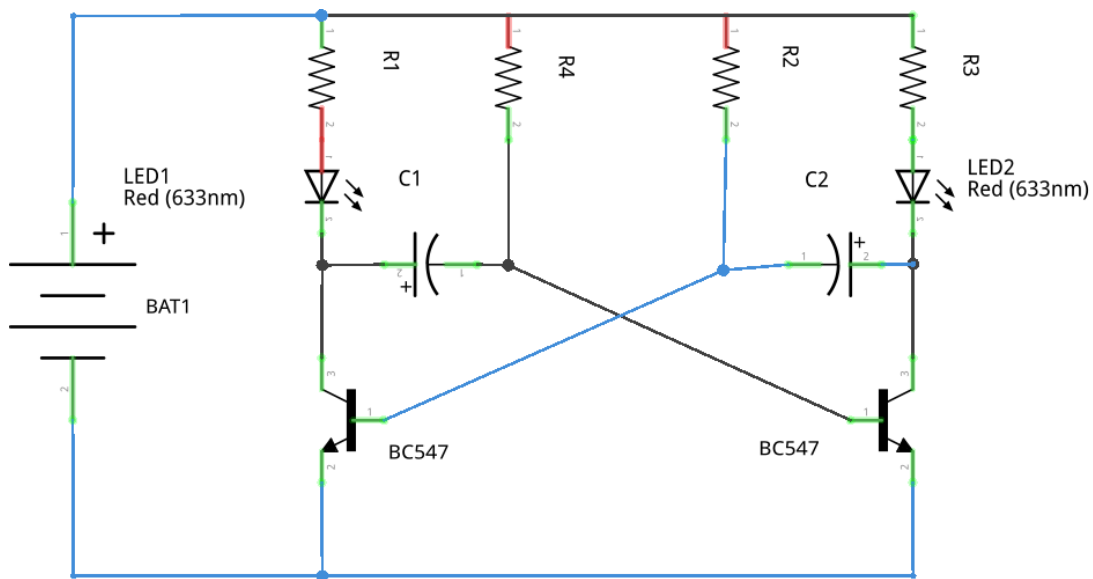
7) CONNECTING LED WITH LDR



8) DARK SENSING CIRCUIT



9) TRANSISTOR BLINKER CIRCUIT

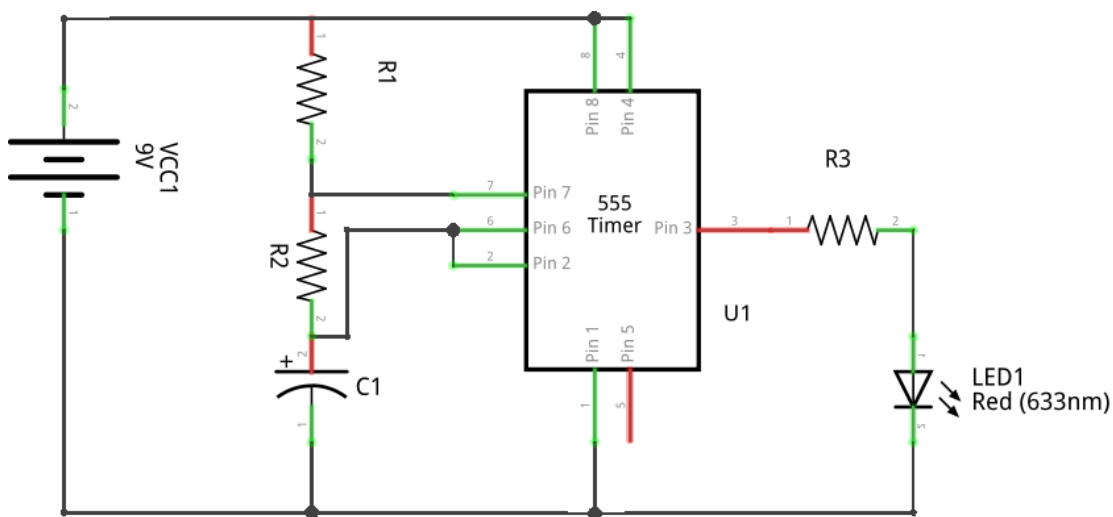


fritzing

RESISTORS R1,R2,R3,R4: 10K

CAPACITORS C1,C2: 100uF

10) IC555 BLINKER CIRCUIT



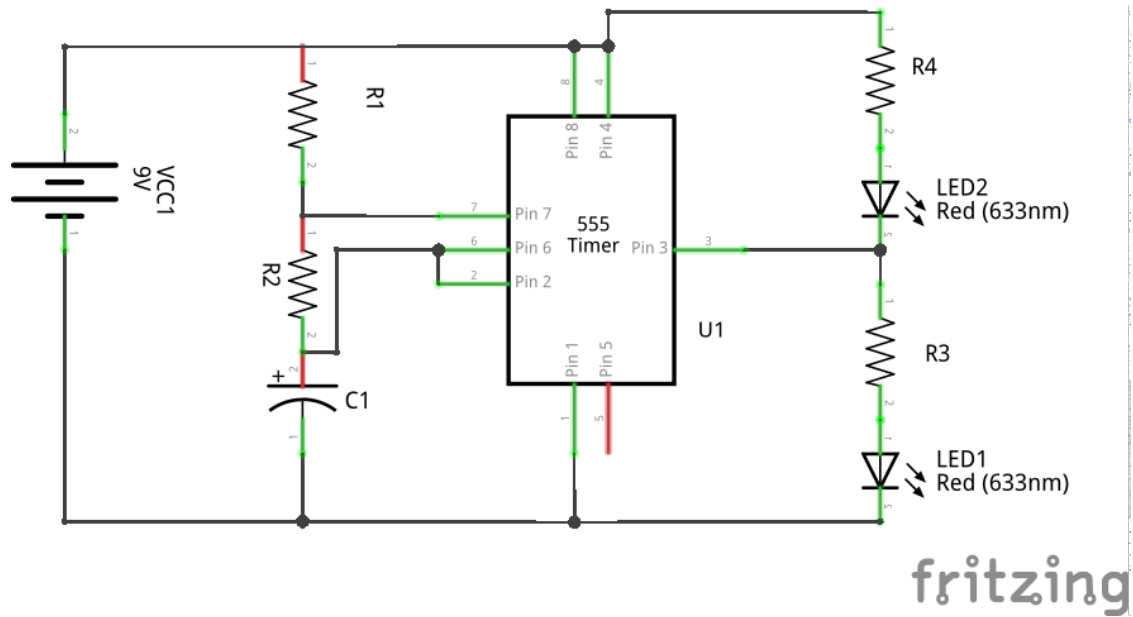
fritzing

RESISTORS R1,R2: 10K

R3:470

CAPACITORS C1: 100uF

11) DEMO- DUAL LED



RESISTORS R1,R2: 10K

R3,R4: 470

CAPACITORS C1 100uF