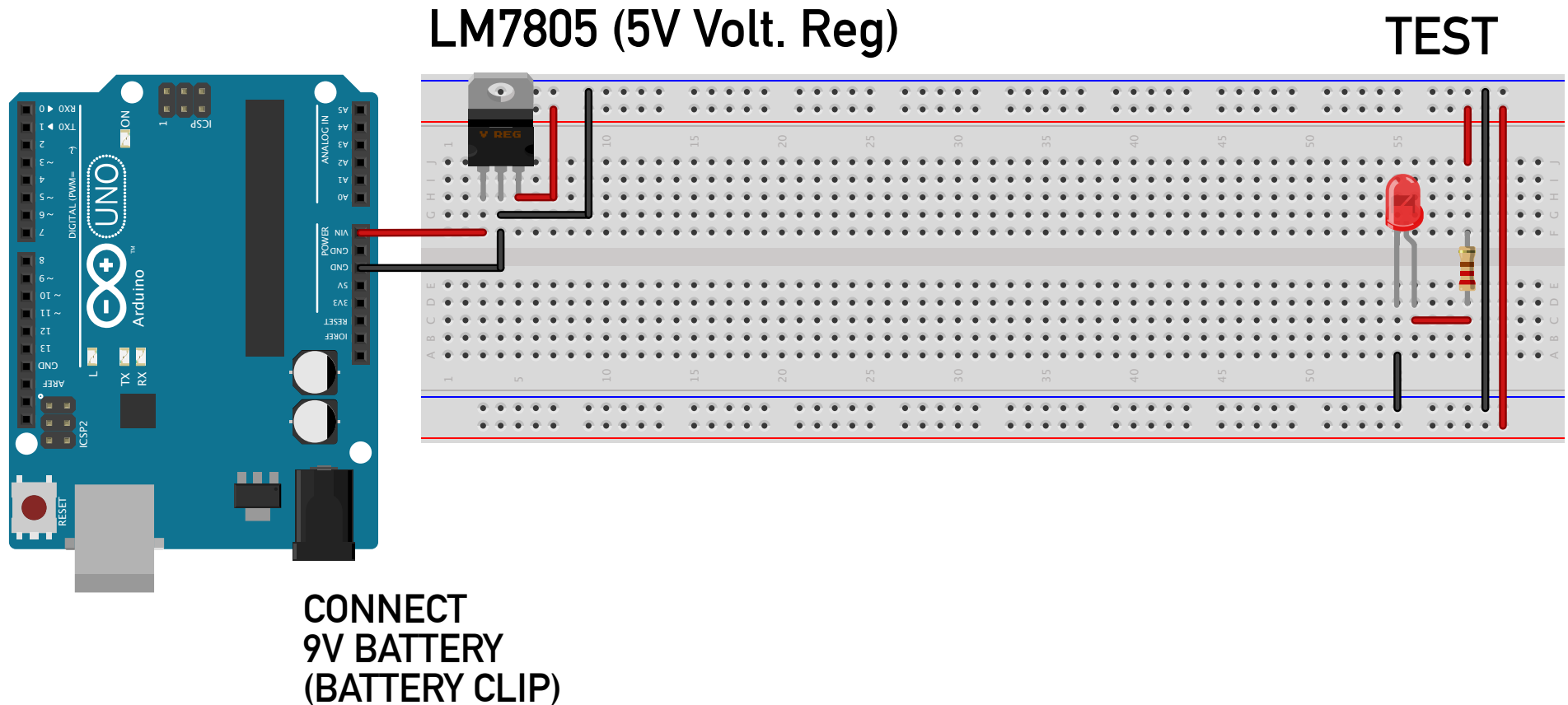


MAKE 5V FROM ARDUINO

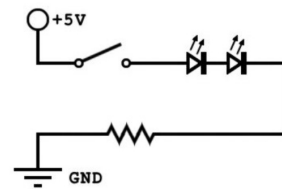
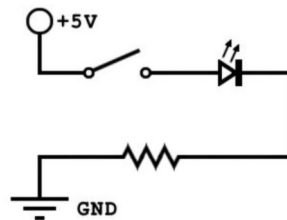
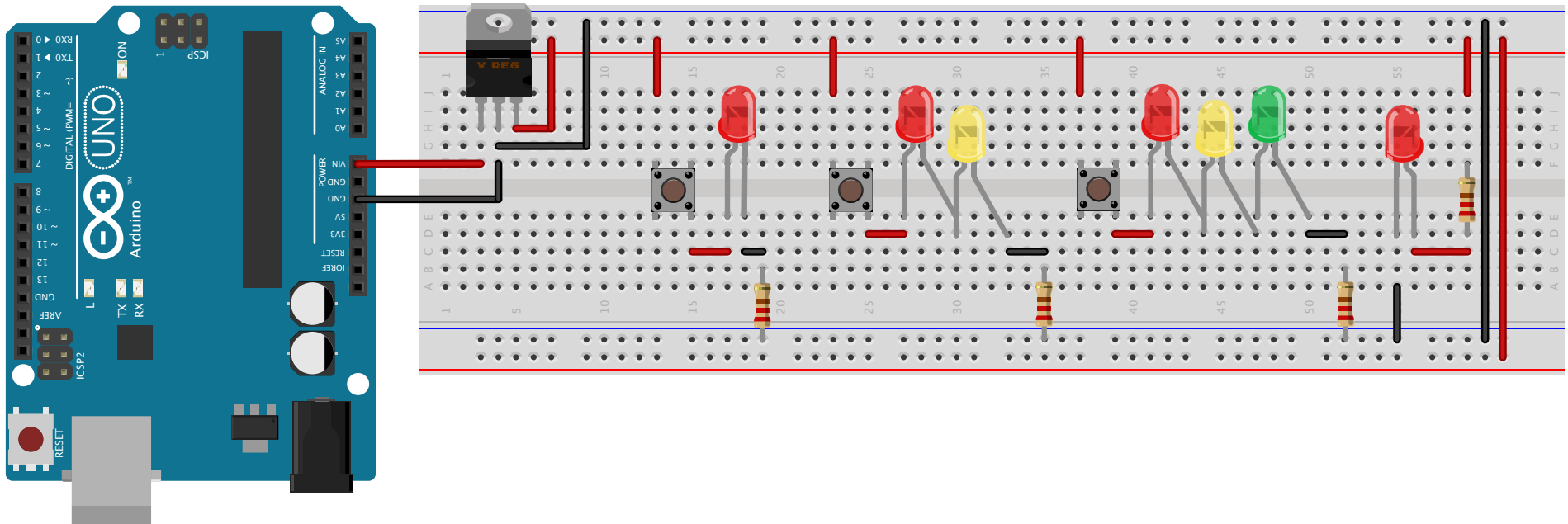


COMPONENTS:

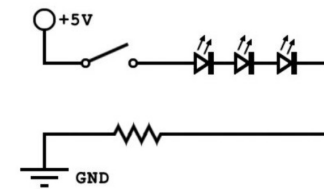
LM7805, 9V Battery & Clip, Breadboard, Jumper Wires, White LED, 200 OHM Resistor

SERIES CIRCUIT

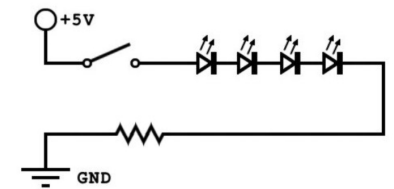
1:SERIES



2 LEDs in serial



3 LEDs in serial

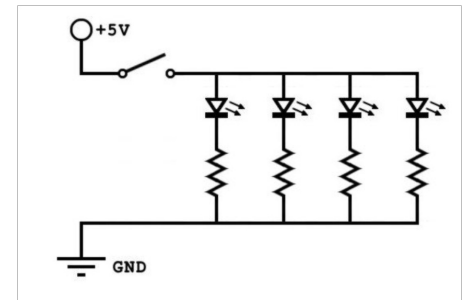
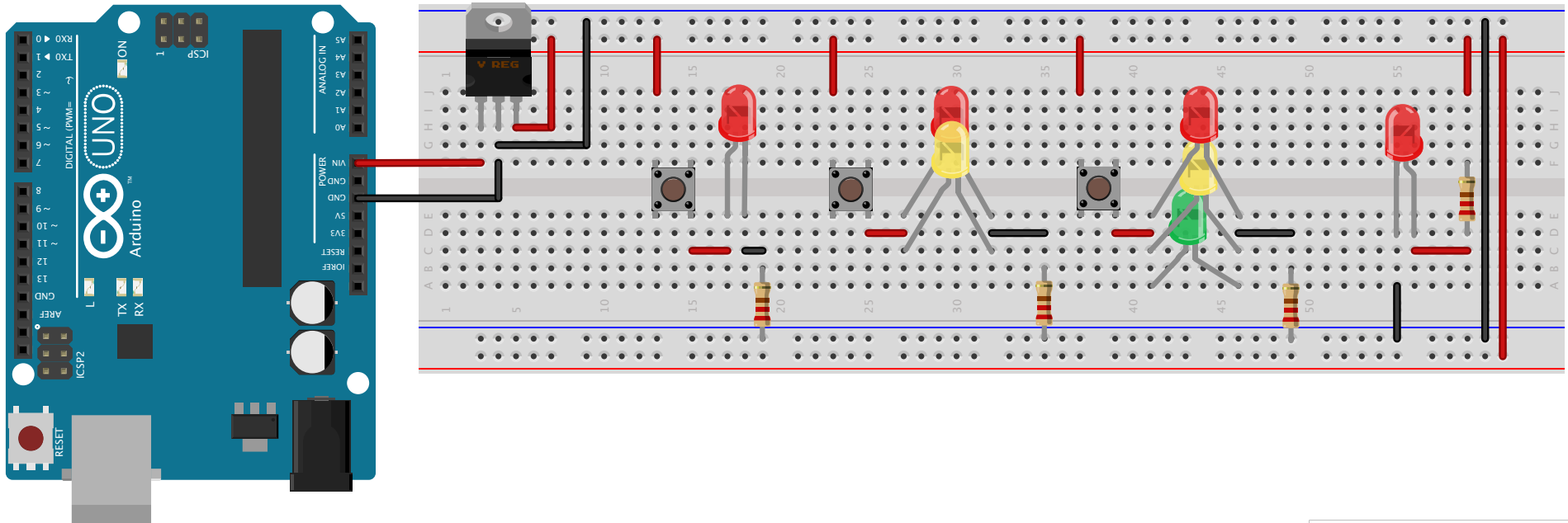


4 LEDs in serial

COMPONENTS:
LM7805, LEDs, 200 OHM Resistor, Momentary Switch (SPST)

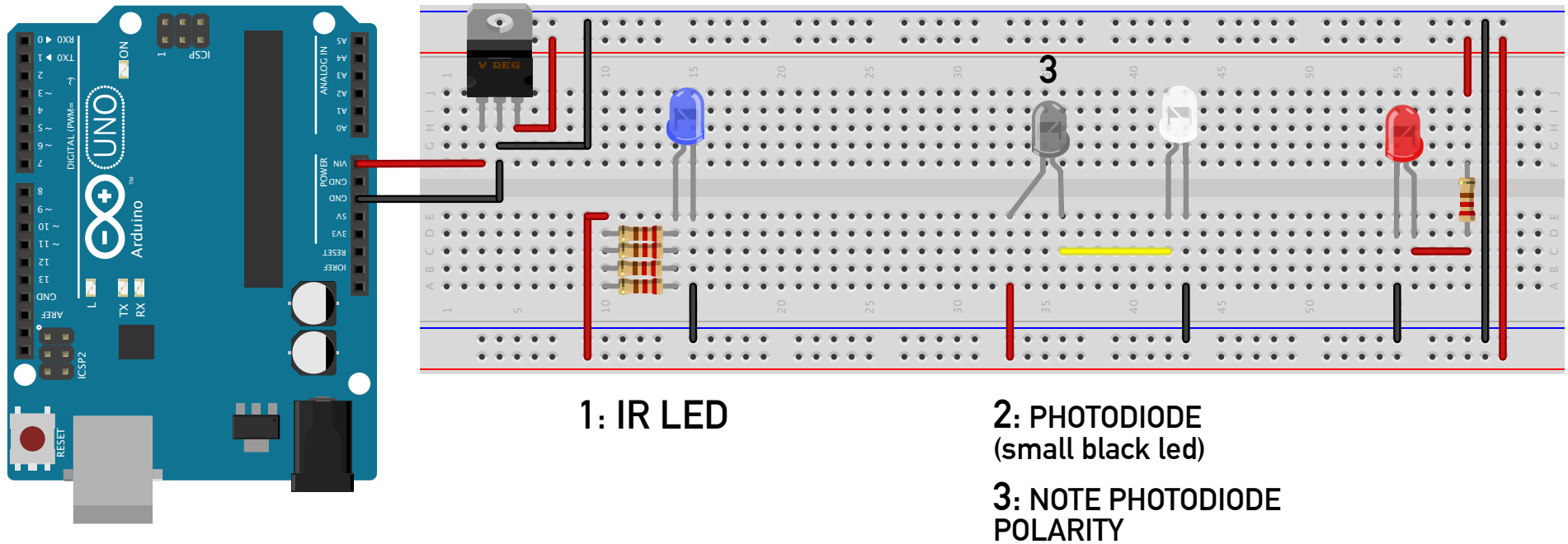
PARALLEL CIRCUIT

1: PARALLEL



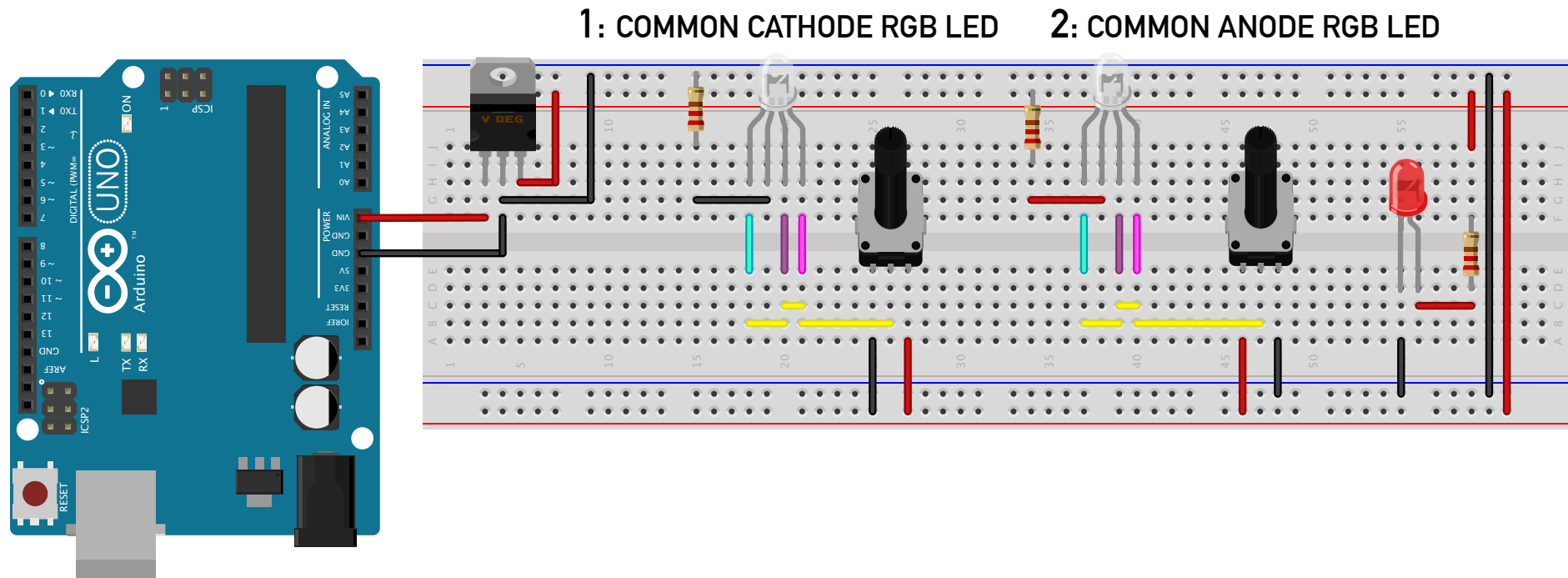
COMPONENTS:
LM7805, LEDs, 200 OHM Resistor, Momentary Switch (SPST)

INFRA RED



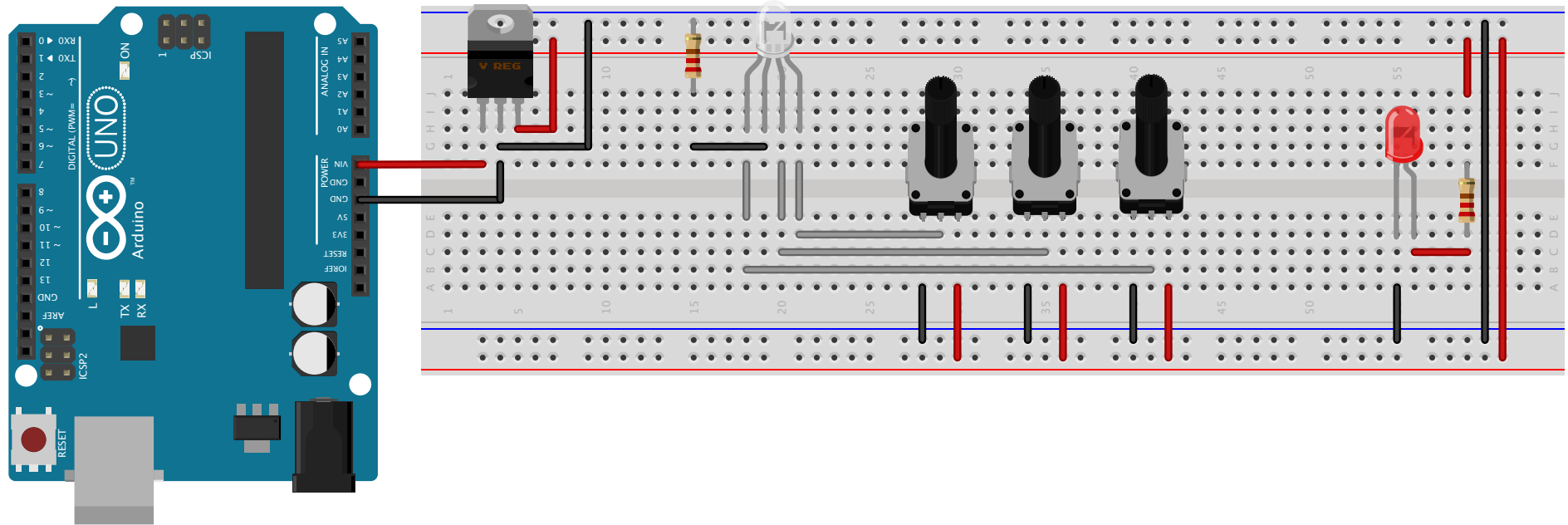
COMPONENTS:
LM7805, IR LED, PHOTODIODE, LEDs, 200 OHM Resistors

RGB LED CIRCUIT



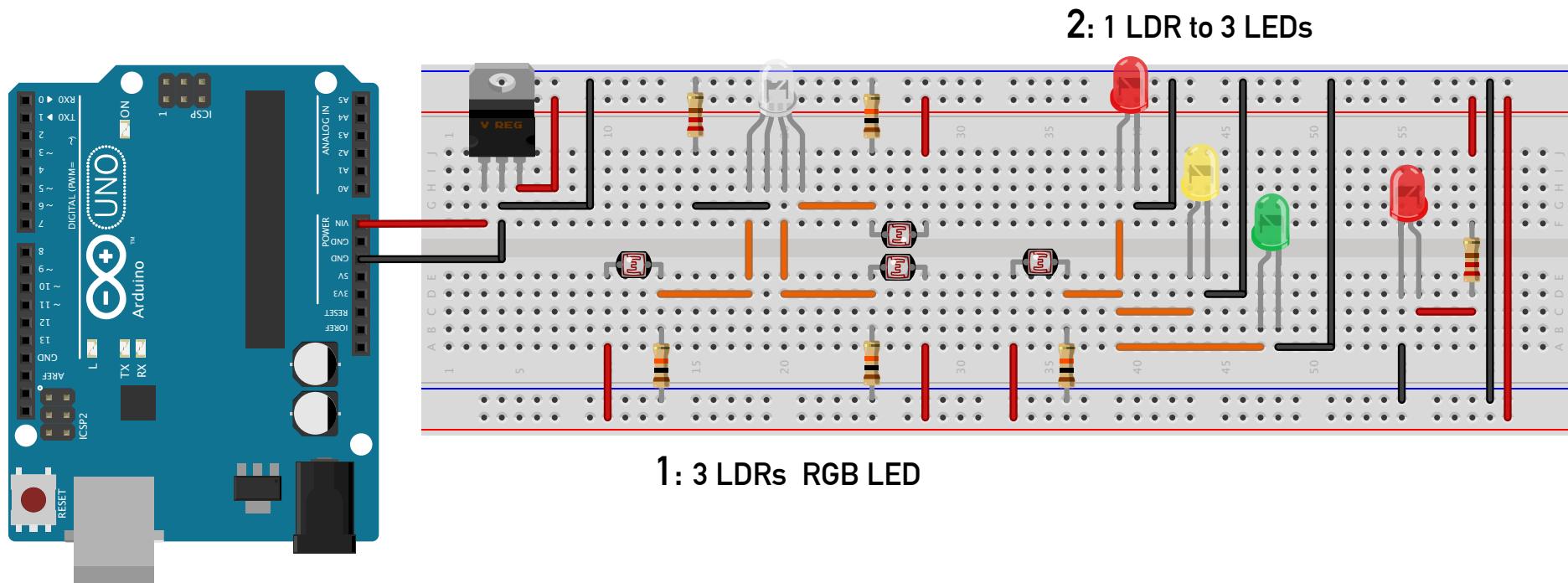
COMPONENTS:
LM7805, RGB LED, 10K OHM Linear Potentiometer, 200 OHM Resistor

RGB LED DISCRETE CIRCUIT



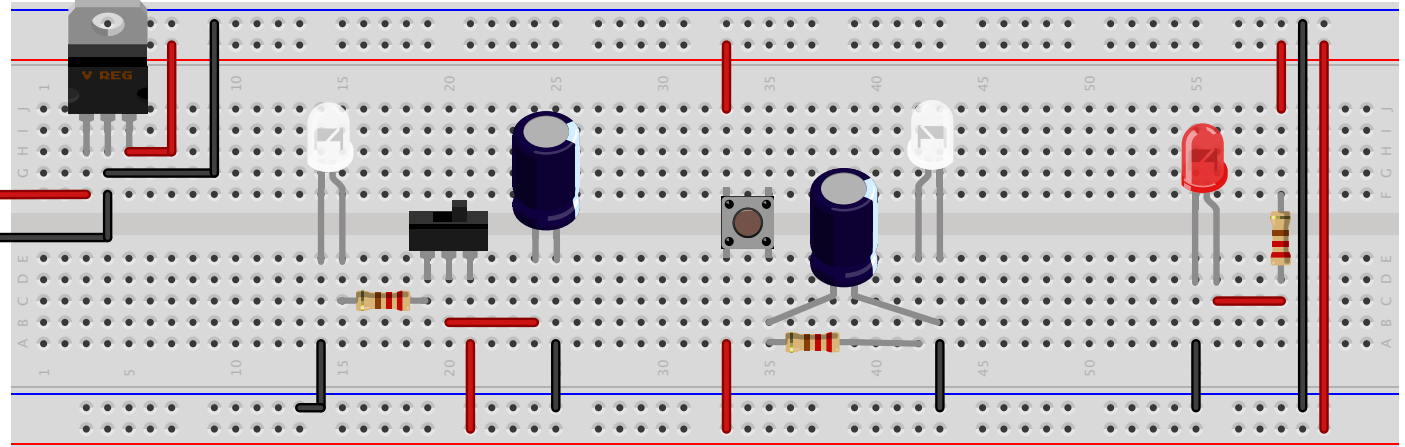
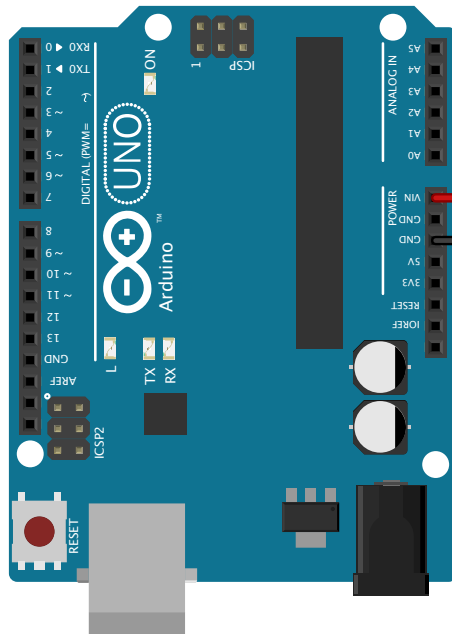
COMPONENTS:
LM7805, RGB LED, 10K OHM Linear Potentiometer, 200 OHM Resistor

RGB LED LDR CIRCUIT



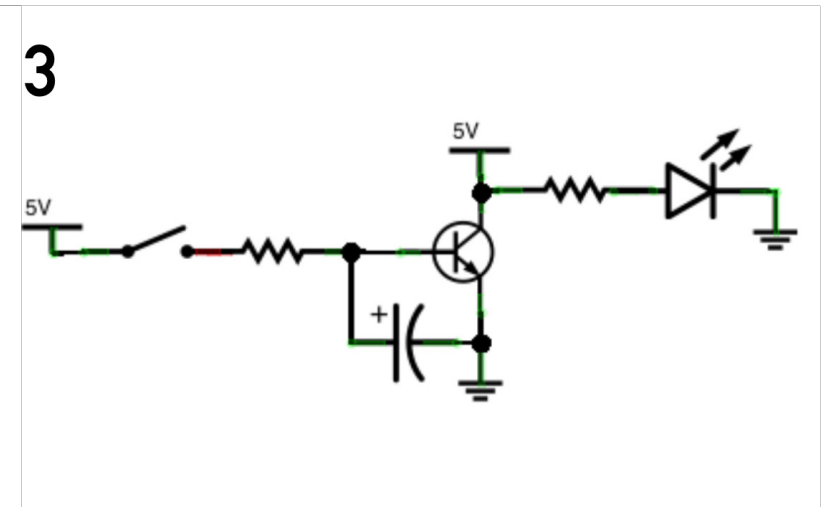
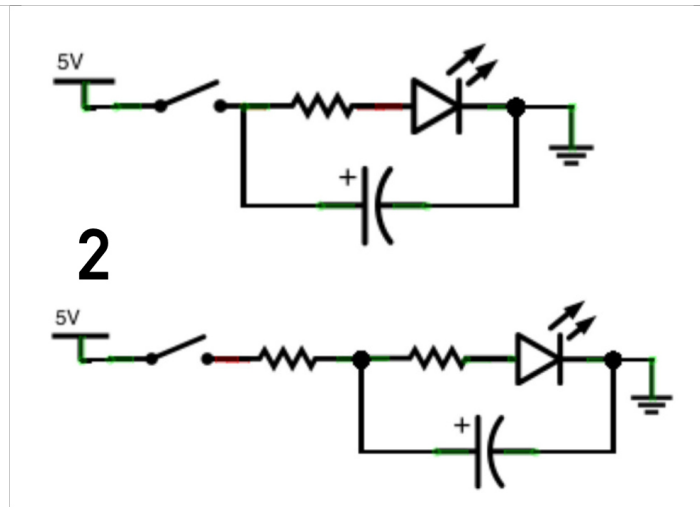
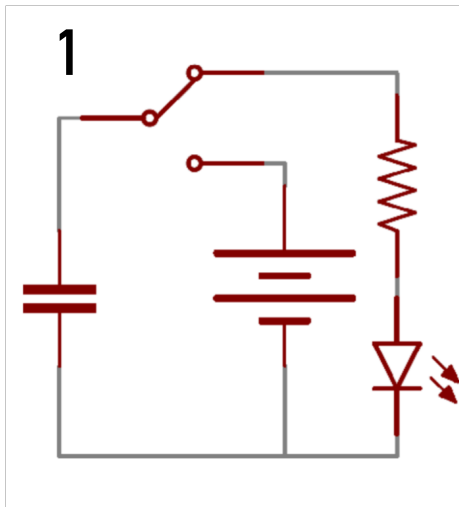
COMPONENTS:
LM7805, RGB LED, Photocells (LDRs), LEDs, 200 OHM & 10K OHM Resistors

CAPACITORS



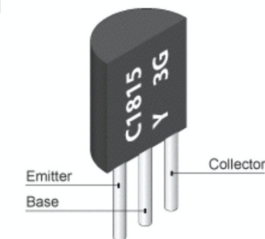
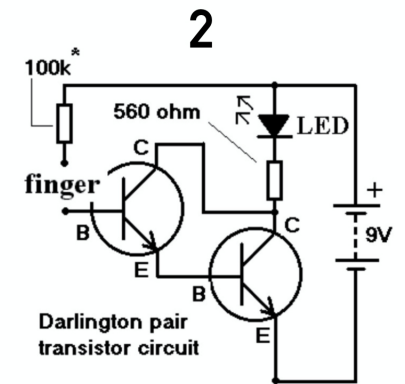
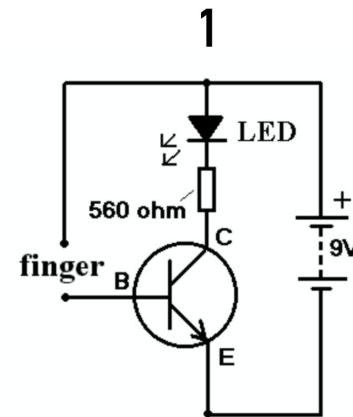
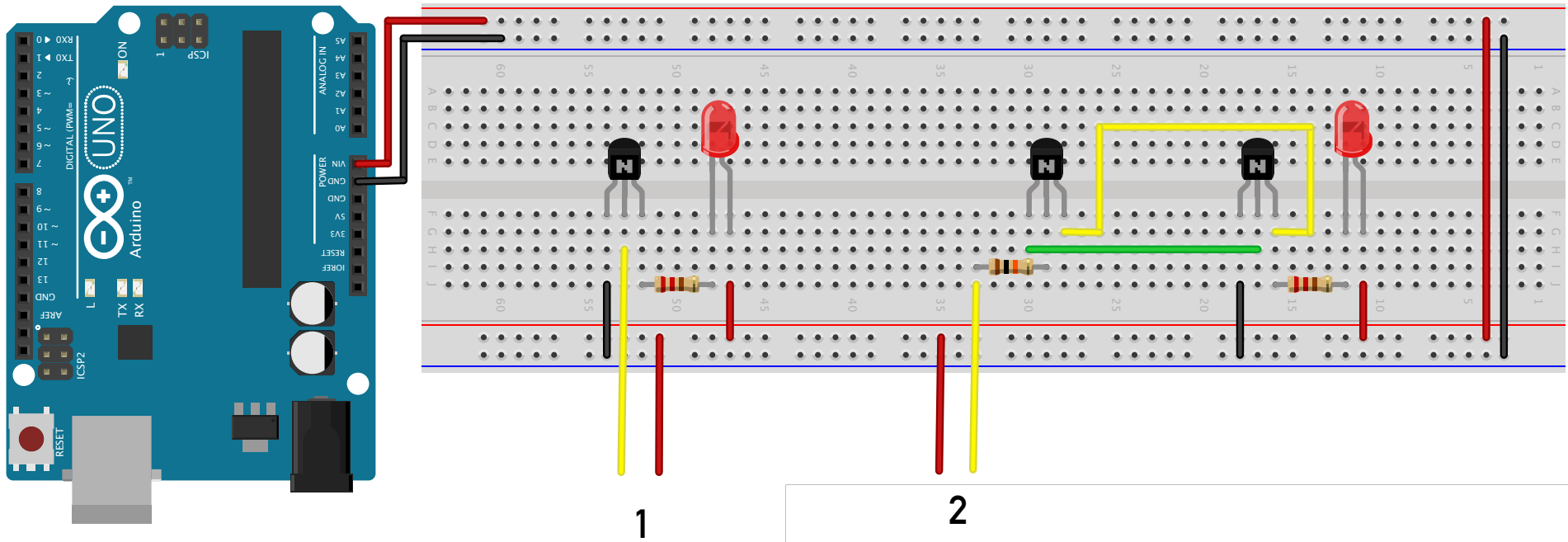
1: Capacitor Power

2: Capacitor Timer



COMPONENTS:
LM7805, Capacitors, LEDs, Momentary and Slide Switch, 200 OHM Resistor

TOUCH CIRCUIT



COMPONENTS:
 Arduino, LEDs, 200 OHM Resistor, 10K OHM Resistor, 2N3904 TRANSISTOR