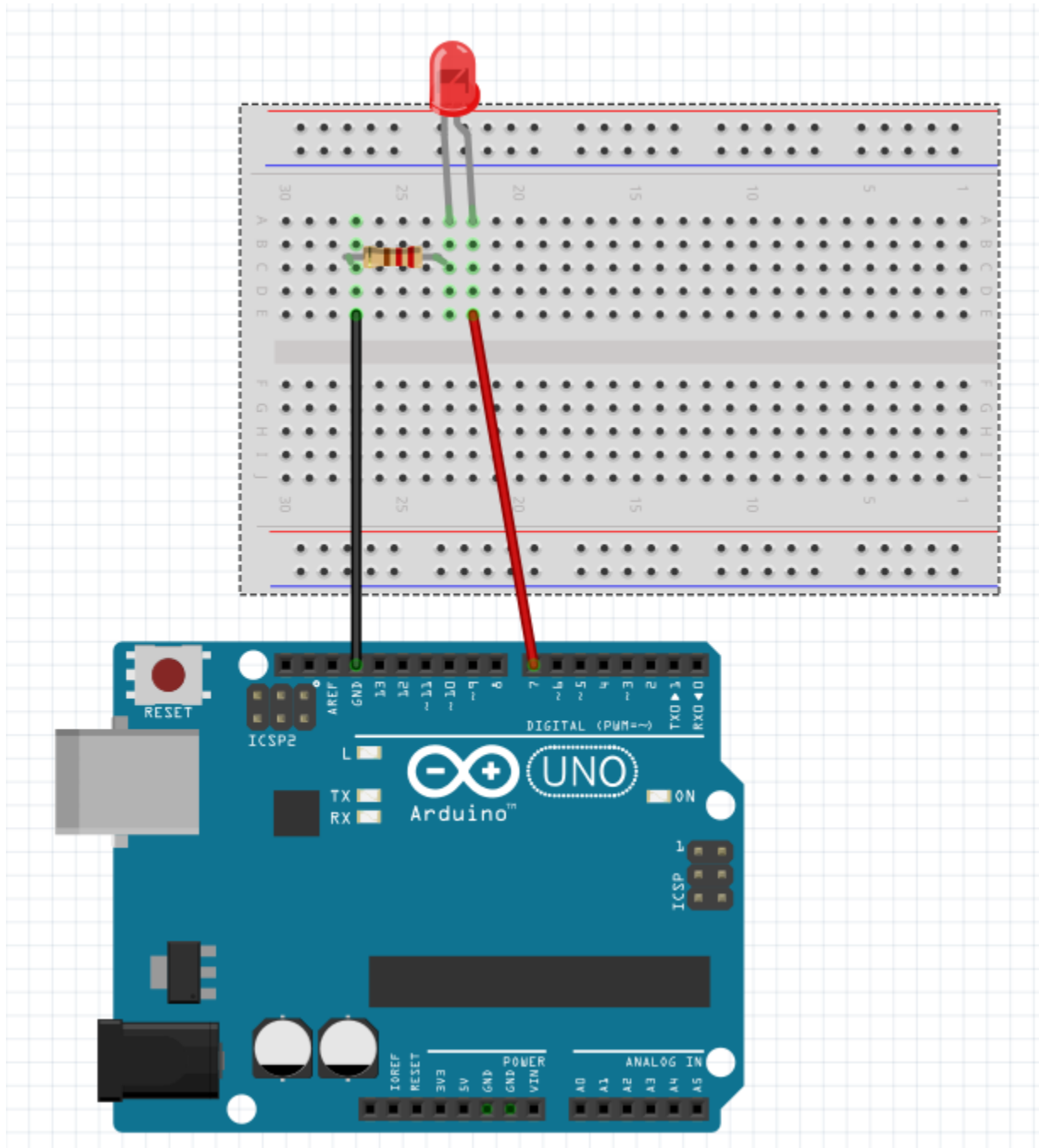# Circuit Recipe: Circuit 2 – An LED that Blinks On and Off

Circuit Description:

This project creates a project that results in a single LED which blinks on and off. The LED blinking is controlled by the Arduino. This circuit is identical to the circuit in C1 EXCEPT that we moved the wire from 5V on the Arduino to digital pin 7.

Circuit Diagram:

Notes:

Start with circuit C1. Move the wire on the Arduino from 5V to digital pin 7.

Arduino Code:

blink7

```
1  void setup() {
2    pinMode(7,OUTPUT);
3  }
4
5  void loop() {
6    digitalWrite(7,HIGH);
7    delay(500);
8    digitalWrite(7,LOW);
9    delay(500);
10 }
```