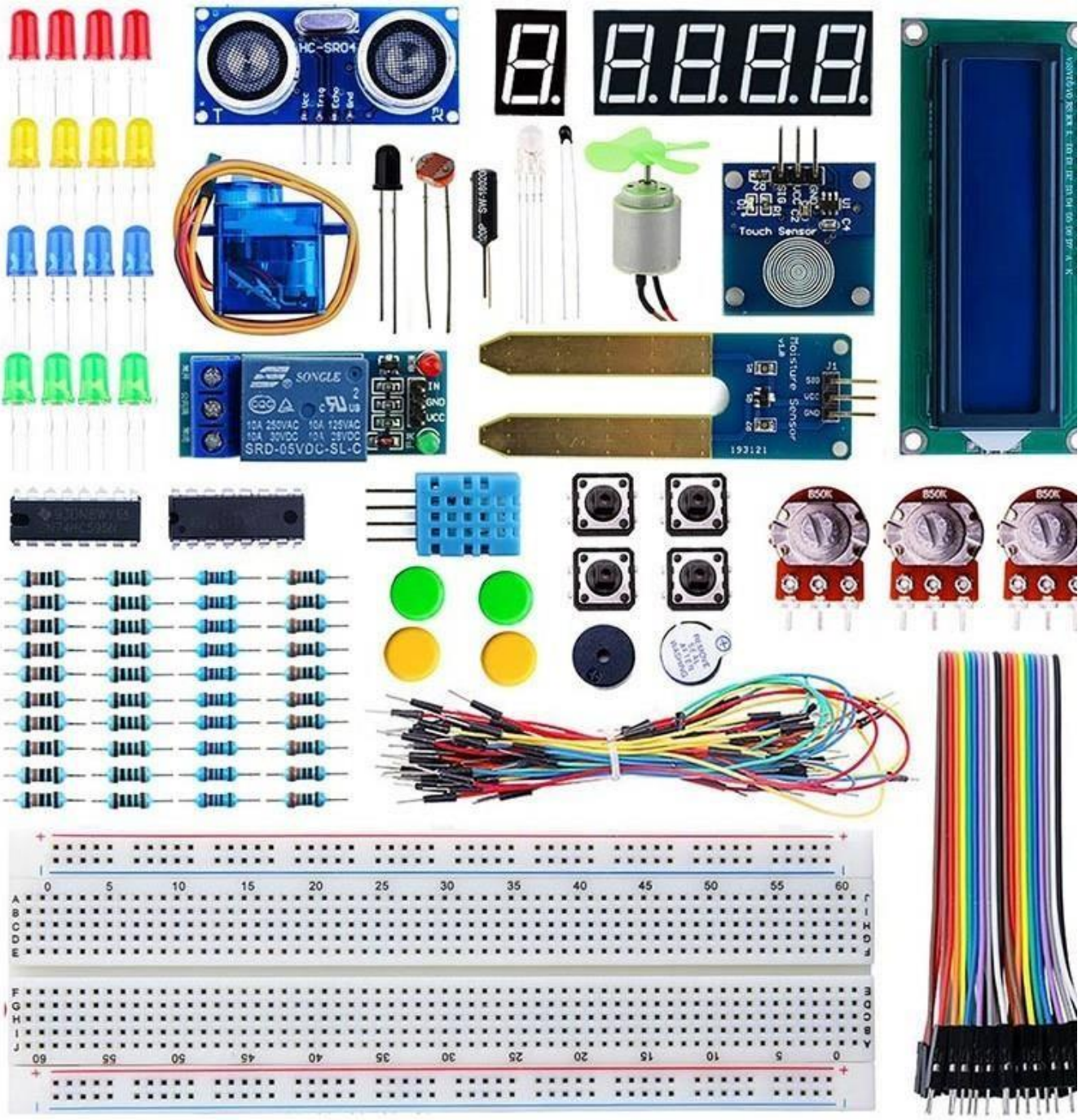
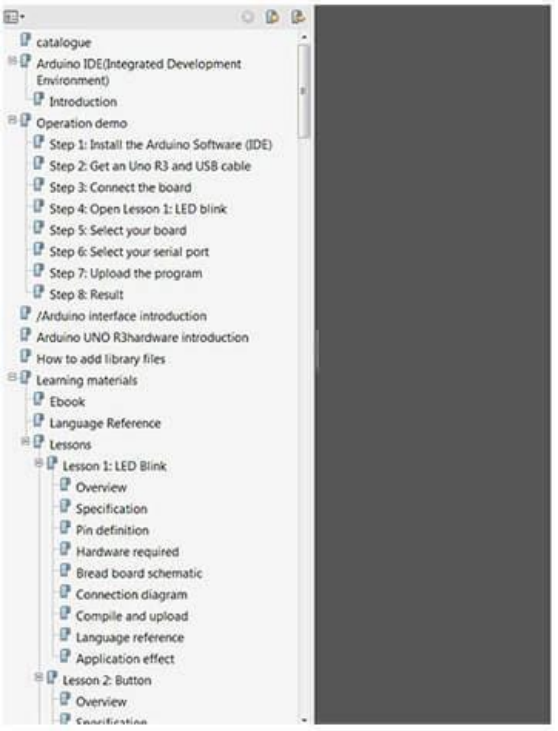
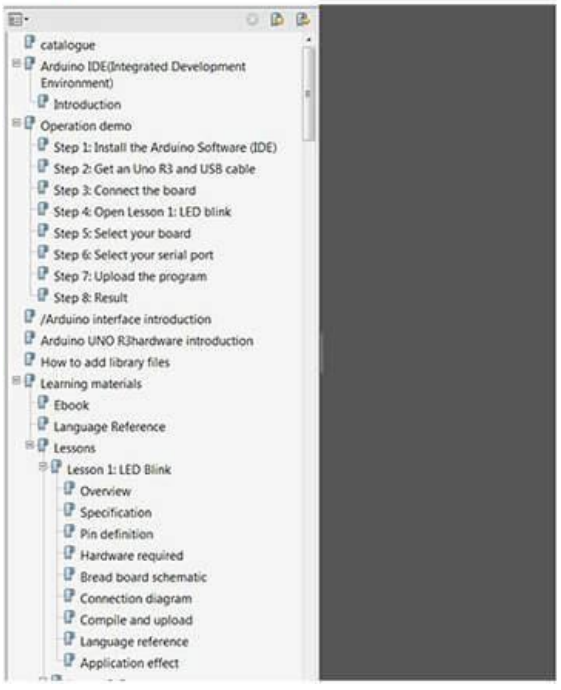

HC-SR04
Touch Sensor
SONGLE
SRD-05VDC-SL-C
IN
GND
VCC
Moisture Sensor
193121
B50K
B50K
B50K

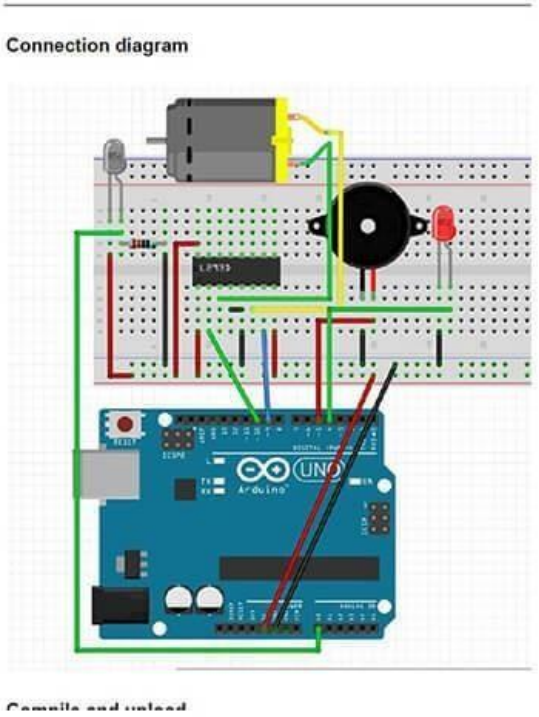
Starter Kit for Arduino

The Starter Kit for Arduino is an excellent kit for whom want to learn more about Arduino. With this kit you can DIY some little things you like, which can create your imagination. This kit includes Arduino board.

This kit is suitable for the starter and Intermediate of Arduino, such as who has weak foundation of Arduino and have not contacted with Arduino. It also can be used in the school's interest training courses to allow more students learn about Arduino.



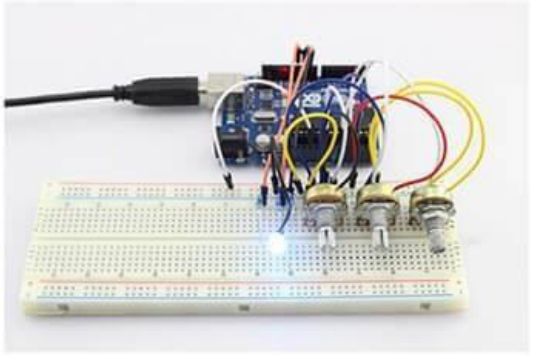




map()

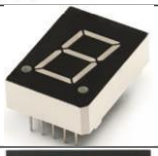
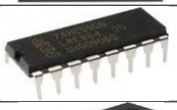
Application effect

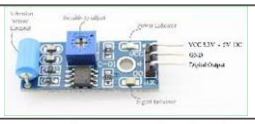
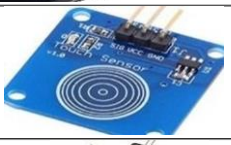
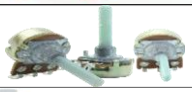
You can rotate the potentiometer to switch the color of the RGB LED, just like color dimmer is cool.



Lesson 22: Fun Experiment--Traffic Light

In this lesson, we will use the Arduino to imitate the traffic lights. The lights turn from green to yellow, then turn red and then start all over lights. The time interval follows the traffic signal standard interval. This item can be used in traffic lights simulation or toys.

S.No	Name	Image	Qty
1	Arduino Uno		1
2	USB Cable		1
3	Breadboard		1
4	Jumper Wire M-M		20
5	Jumper Wire F-F		20
6	Resistors (10E, 15E, 22E, 33E, 47E, 68E, 100E, 220E, 330E, 470E, 1K, 1K5, 2K2, 3K3, 4K7, 5K6, 6K6, 8K2, 10K, 15K, 22K, 33K, 47K, 56K, 68K,100K,150K,220K, 330k,470K)		90
7	Yellow LED		4
8	Blue LED		4
9	Green LED		4
10	Red LED		4
11	Push Buttons		2
12	5v Buzzer		1
13	9v Buzzer		1
14	RGB Led		1
15	1 Digit 7-Segment Display		1
16	4 Digit 7-Segment Display		1
17	IC 74HC595		1
18	L293D		1
19	PIR Sensor		1

20	LCD 1602 Module		1
21	5V Relay Module		1
22	Vibration Sensor Module		1
23	Photo resistor		1
24	Flame sensor Module		1
25	Thermistor 5K		1
26	DHT11 Temperature and Humidity module		1
27	Touch sensor module		1
28	Soil Moisture sensor		1
29	Ultrasonic sensor HC-SR04 module		1
30	DC Motor + Fan blade		1
31	Potentiometer		3
32	9G Servo		1
33	MB102 Breadboard Power Supply Module		1
34	5v Adapter		1
35	Digital Multi Meter		1

Features:

- Price: 4000/-
- High Quality and tested components.
- Additional foam board for making DIY projects
- Replacement of components (not for physical damage) during course time.
- Best price and extra components compared to Amazon or other websites.