Component Interfacing - 3

This file contains the instructions for interfacing the output modules listed below with Arduino Nano ATmega328p microcontroller board:

1. Arduino Nano - 1
2. Limit Switch - 2
3. RGB LED - 1
4. 330 ohms Resistors - 3
5. Breadboard - 1
6. Toggle Switch - 1

Connect the components listed above with Arduino ATmega328p board as shown in Figure 2 using Jumper wires. Refer to Figure 1 for understanding the RGB LED pin details.
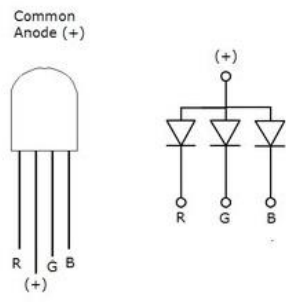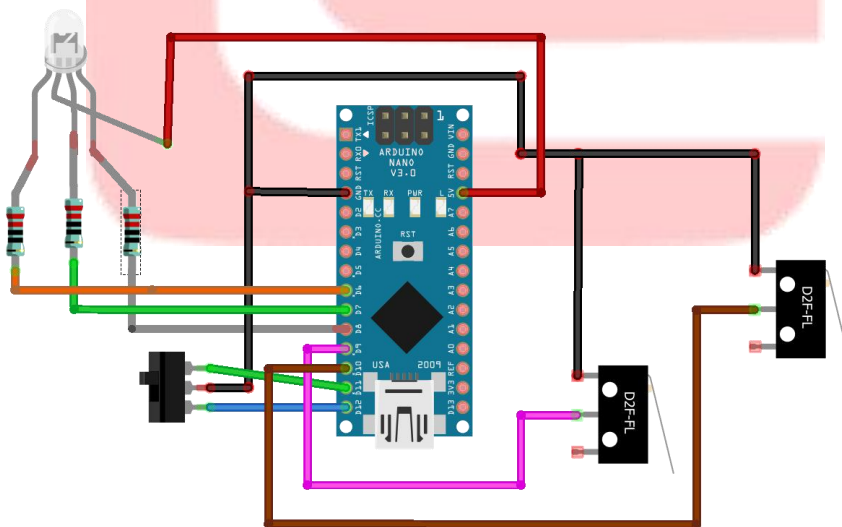

Figure 1: RGB LED

Figure 2: Component Interfacing with Arduino Nano

Flash the Nano_Limit.hex file onto Arduino ATmega328p board and test the hardware as shown in Hardware Testing video link.