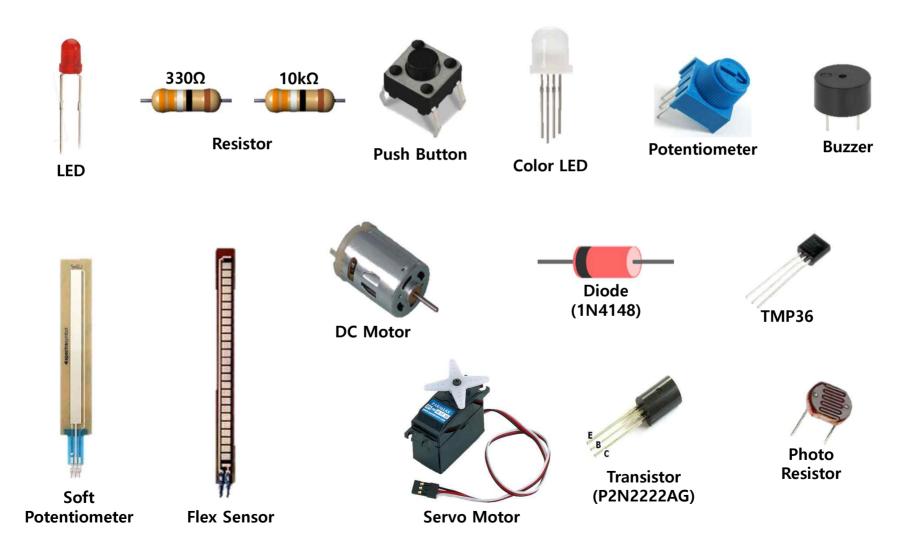
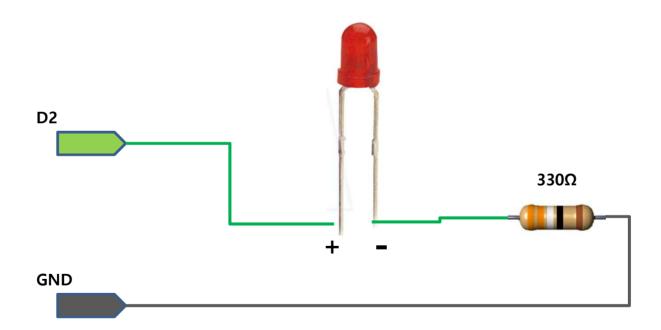
## Smart Maker

Circuits for Examples

## Part List

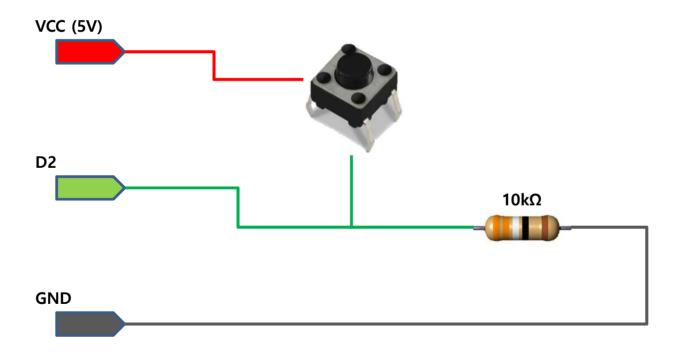


# LED Circuit



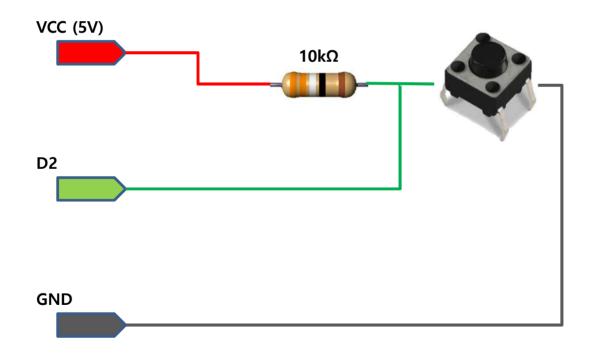
#### Push Button Circuit

- External Pull-down type
- Press HIGH



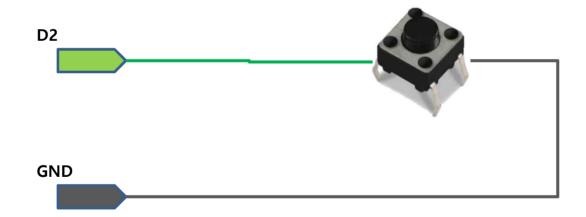
#### Push Button Circuit

- External Pull-up type
- Press LOW

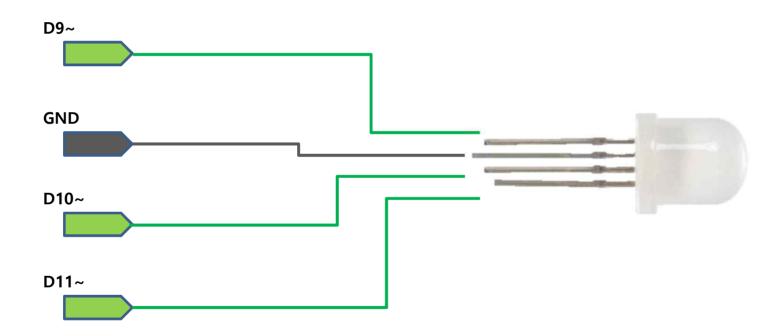


#### Push Button Circuit

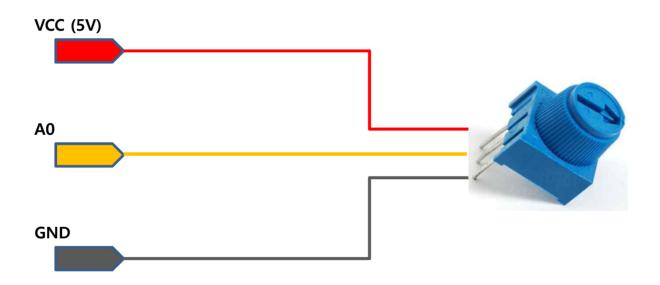
- Internal Pull-up type
- Press LOW



# Color LED Circuit

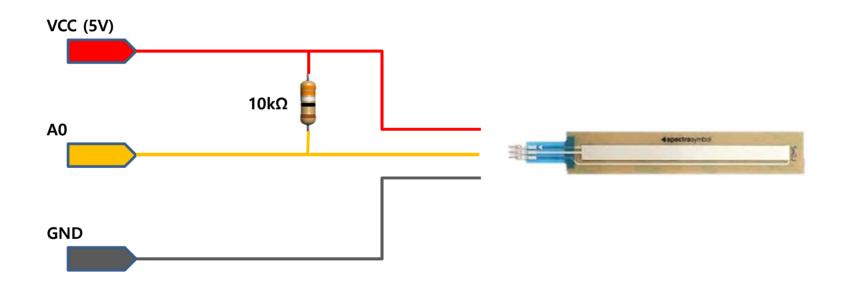


## Potentiometer Circuit



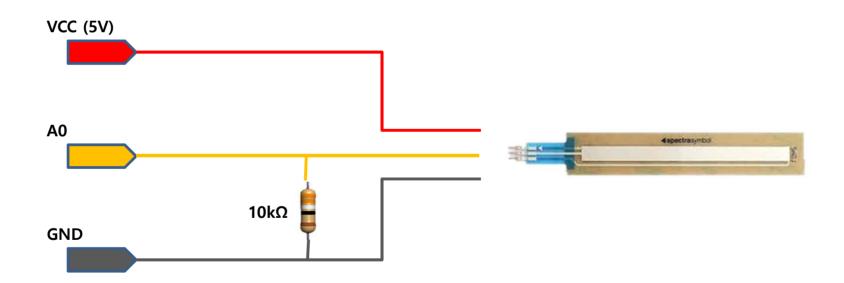
#### Soft Potentiometer Circuit

- Pull-up type
- Default VCC input

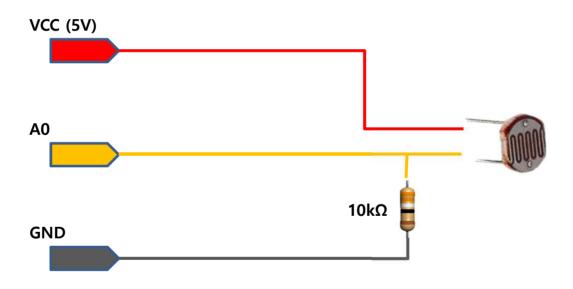


#### Soft Potentiometer Circuit

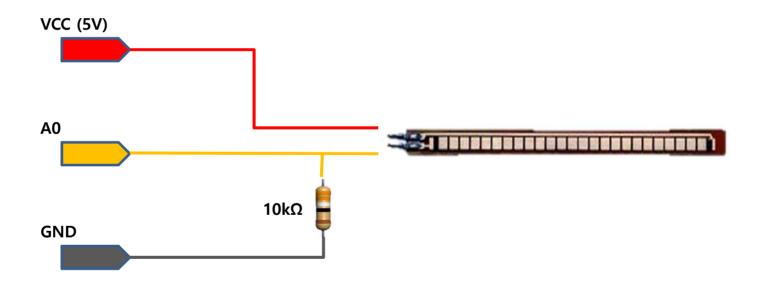
- Pull-down type
- Default GND input



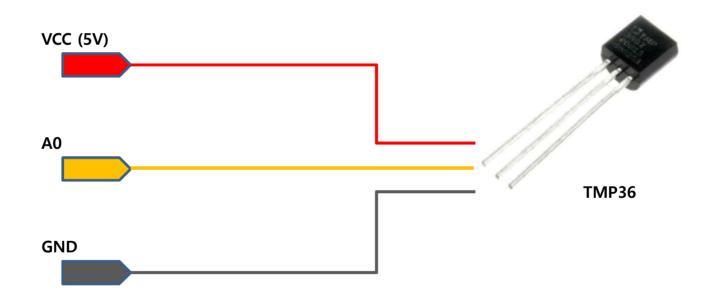
#### Photo Resistor Circuit



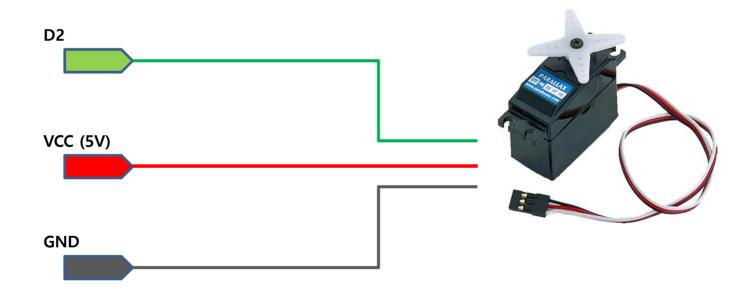
## Flex Sensor Circuit



# Temperature Circuit

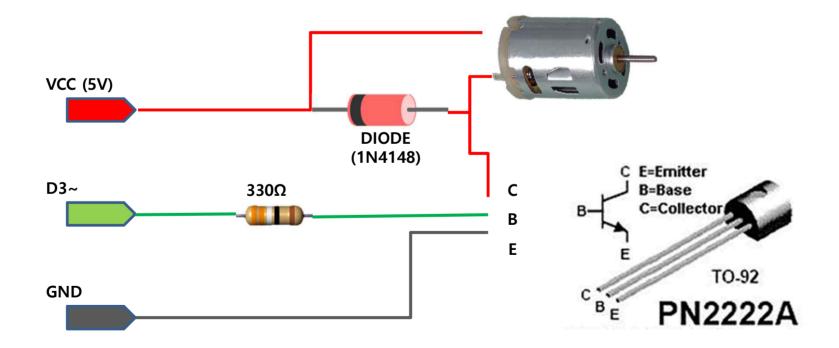


## Servo Motor Circuit

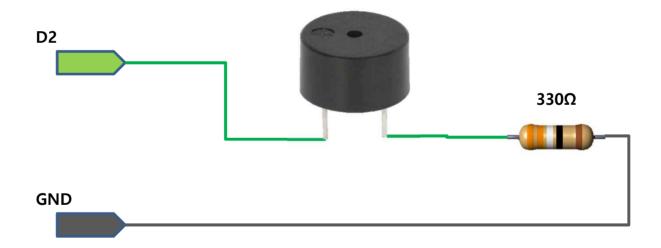


## DC Motor Circuit

- No Direction Control
- Only Speed Control



# **Buzzer Circuit**



# Add-on Hardware

Circuits for Appendix

# MPU9150

