Photodiode and IR sensor Tester Kit Report
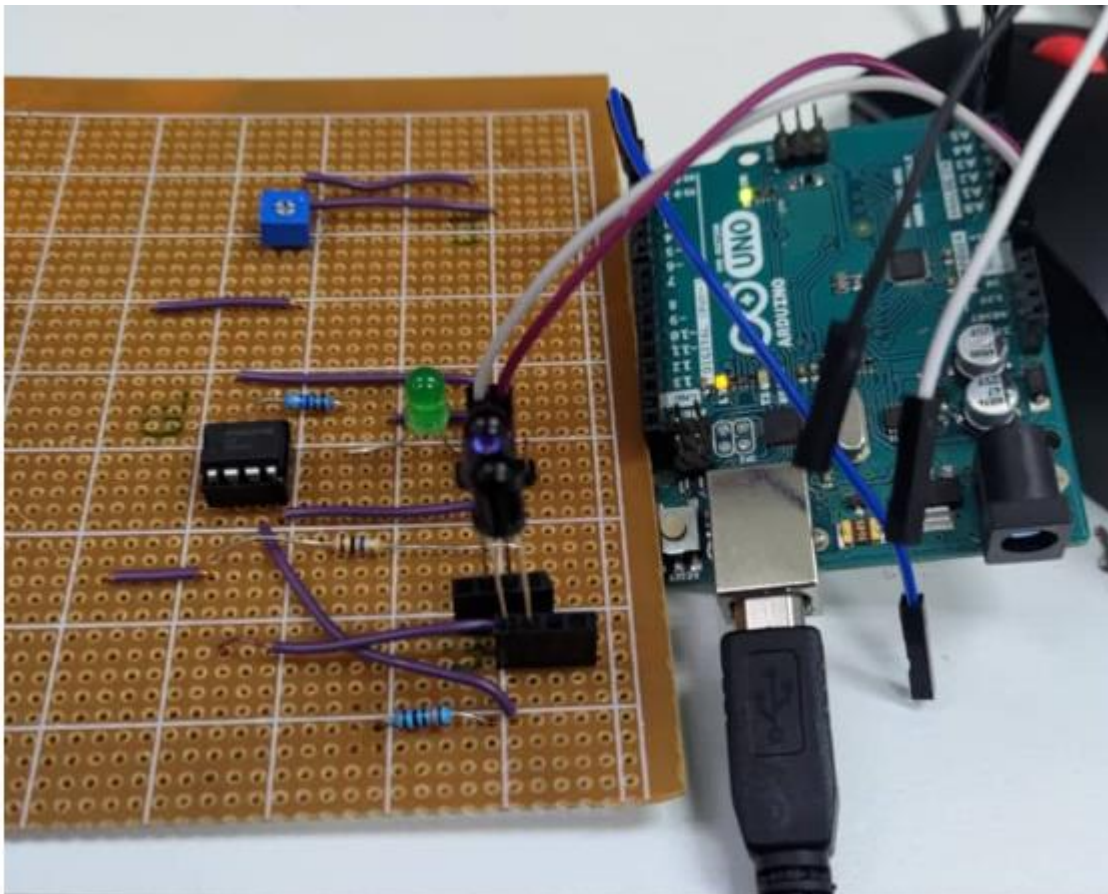
This kit has a basic circuit connected between:
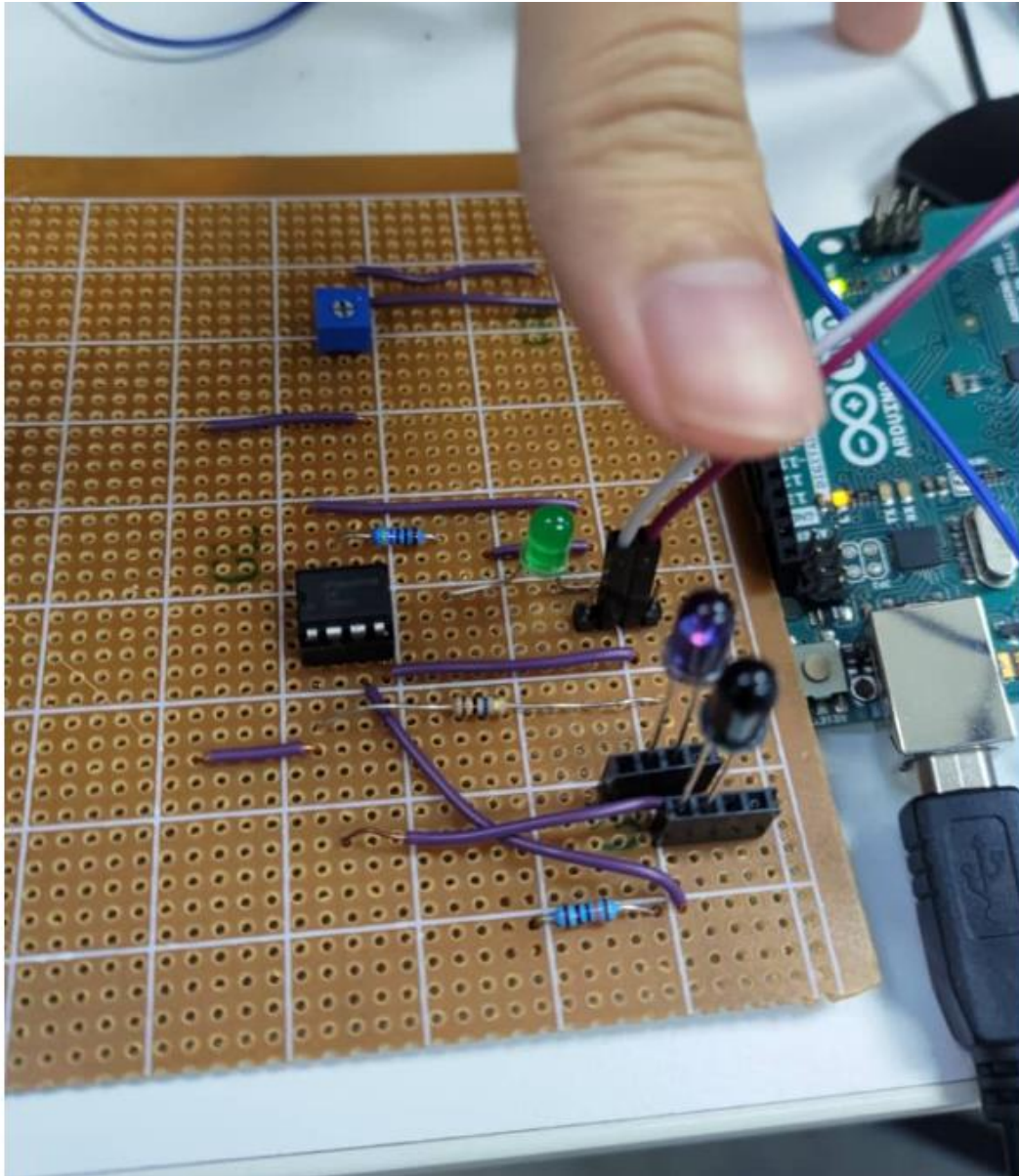
  I.   IR and photodiode female connector
 II.   Potentiometer
III.   Green LED (for indicator)
 IV.   Resistor 100omh
  V.   LM358AN IC operational-amplifier

Below show the function prototype of the circuit powered by Arduino 5V:
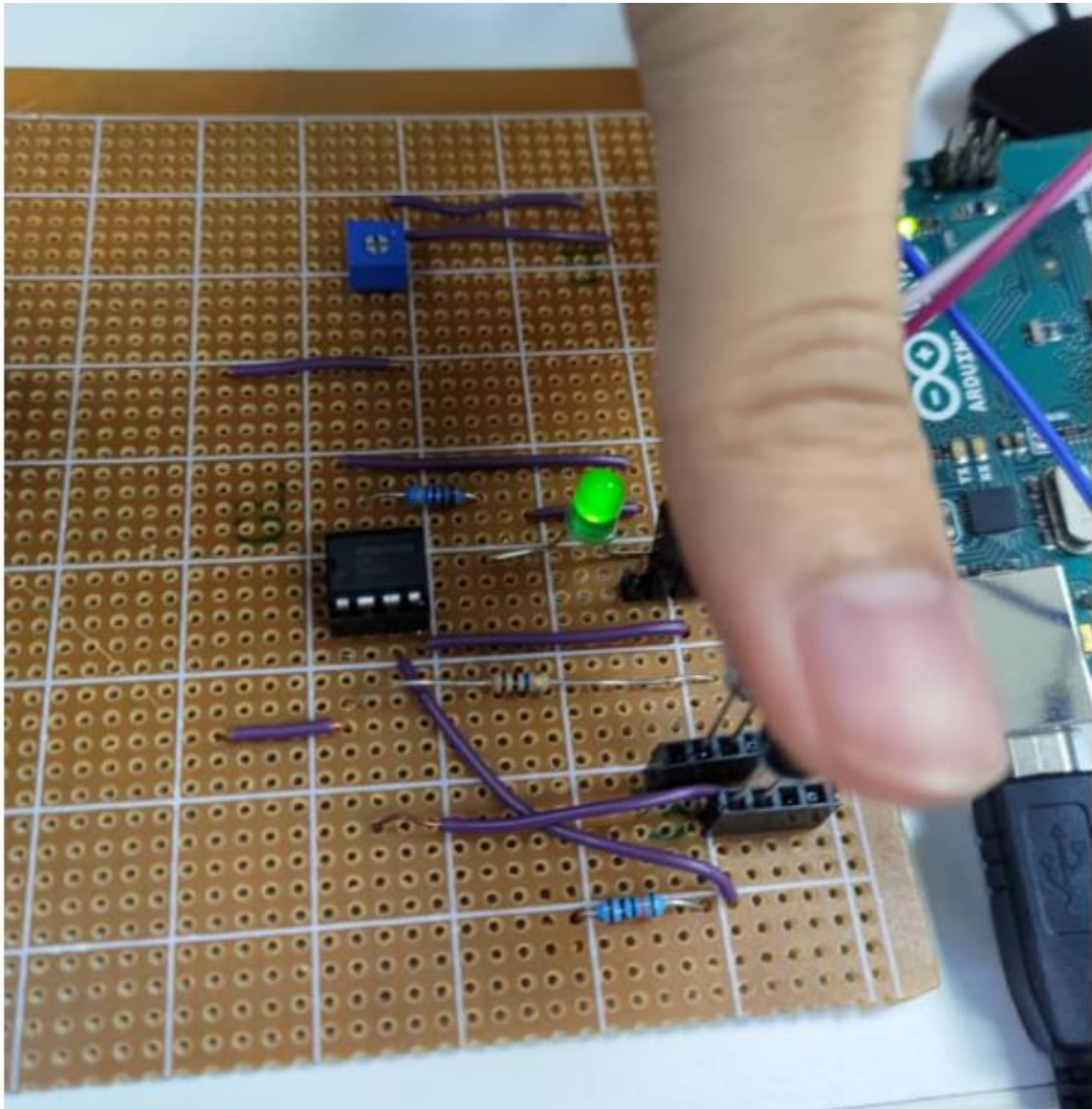
Result of the tester:

- When the circuit tester is power up , adjust the potentiometer to suitable current supply:

As in the image above, see the IR light is visible in the image camera state the circuit is ready.

- Then, close the light receiver or photodiode and the IR :

Result: The green light LED is ON indicates that the IR and photodiode is in the good condition.

END