infra | Arduino 1.8.9

infra

```
const int ProxSensor=A0;
float sensorValue = 0;

void setup()
{
  pinMode(13, OUTPUT);          // Pin 13 has an built-in LED
  pinMode(ProxSensor,INPUT);    //Pin 2 is connected to the output of proximity sensor
  Serial.begin(9600);
}

void loop()
{
  if(digitalRead(ProxSensor)==HIGH)      //Check the sensor output
  {
    digitalWrite(13, HIGH);   // set the LED on
  }
  else
  {
    digitalWrite(13, LOW);    // set the LED off
  }

sensorValue = analogRead(ProxSensor);
sensorValue = map(sensorValue, 0, 1023, 0, 1023);
float voltage = sensorValue * (3.3/1024);

Serial.println(voltage);

delay(100);              // wait for a second
}
```

Done Saving.

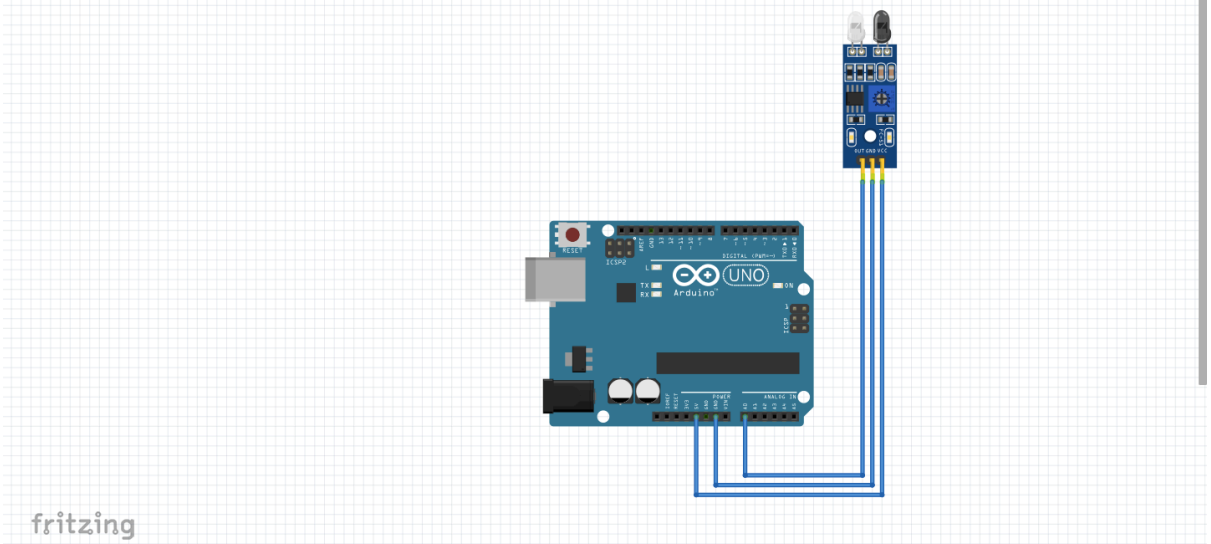
/dev/cu.usbmodem14201

Send

```
13:03:44.478 -> 2.41
13:03:44.580 -> 2.38
13:03:44.689 -> 2.35
13:03:44.795 -> 2.23
13:03:44.896 -> 2.18
13:03:44.999 -> 2.23
13:03:45.074 -> 2.29
13:03:45.176 -> 2.28
13:03:45.279 -> 2.25
13:03:45.380 -> 2.21
13:03:45.485 -> 2.21
13:03:45.592 -> 2.21
13:03:45.698 -> 2.21
13:03:45.801 -> 2.21
13:03:45.908 -> 2.21
```

Autoscroll Show timestamp Newline 9600 baud Clear output

Welcome Breadboard Schematic PCB Code



fritzing

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(x,y)=(2.359, 1.026) in 130 %