

Line Tracking Sensor



Introduction

This Line Tracking Sensor can detect white lines in black and black lines in white. The single line-tracking signal provides a stable output signal TTL for a more accurate and more stable line.

Multi-channel option can be easily achieved by installing required line-tracking robot sensors.

Specification

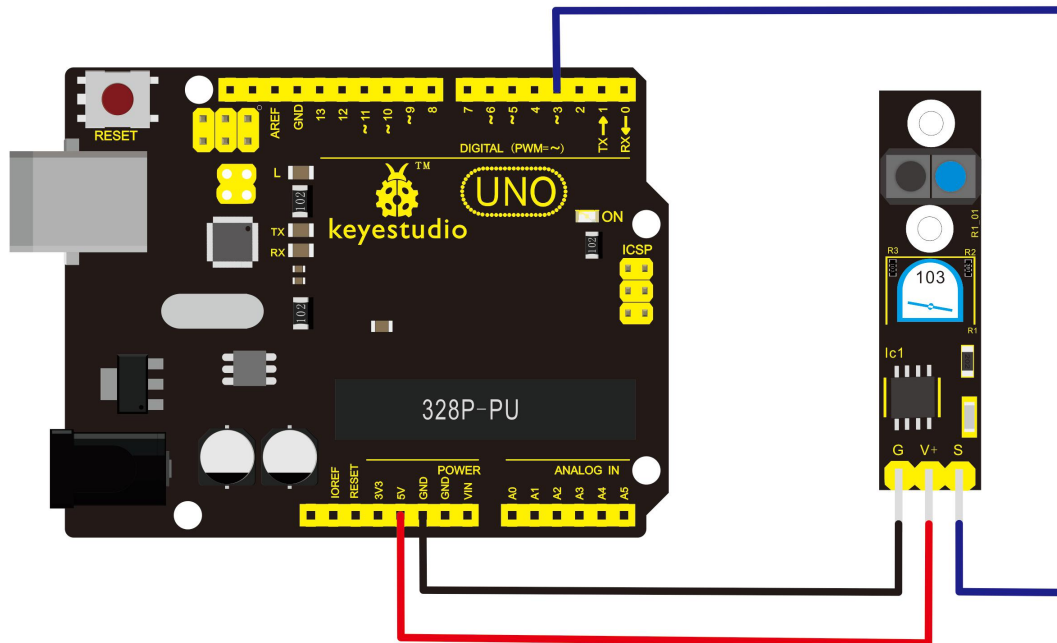
- Power supply: +5V
- Operating current: <10mA
- Operating temperature range: 0°C ~ + 50°C
- Output interface: 3-PIN (1 - signal ; 2 - power ; 3 - power supply)

keyestudio

negative)

- Output Level: TTL level

Connection Diagram



Sample Code:

///Arduino Sample Code

```
void setup()
```

```
{
```

```
    Serial.begin(9600);
```

```
}
```

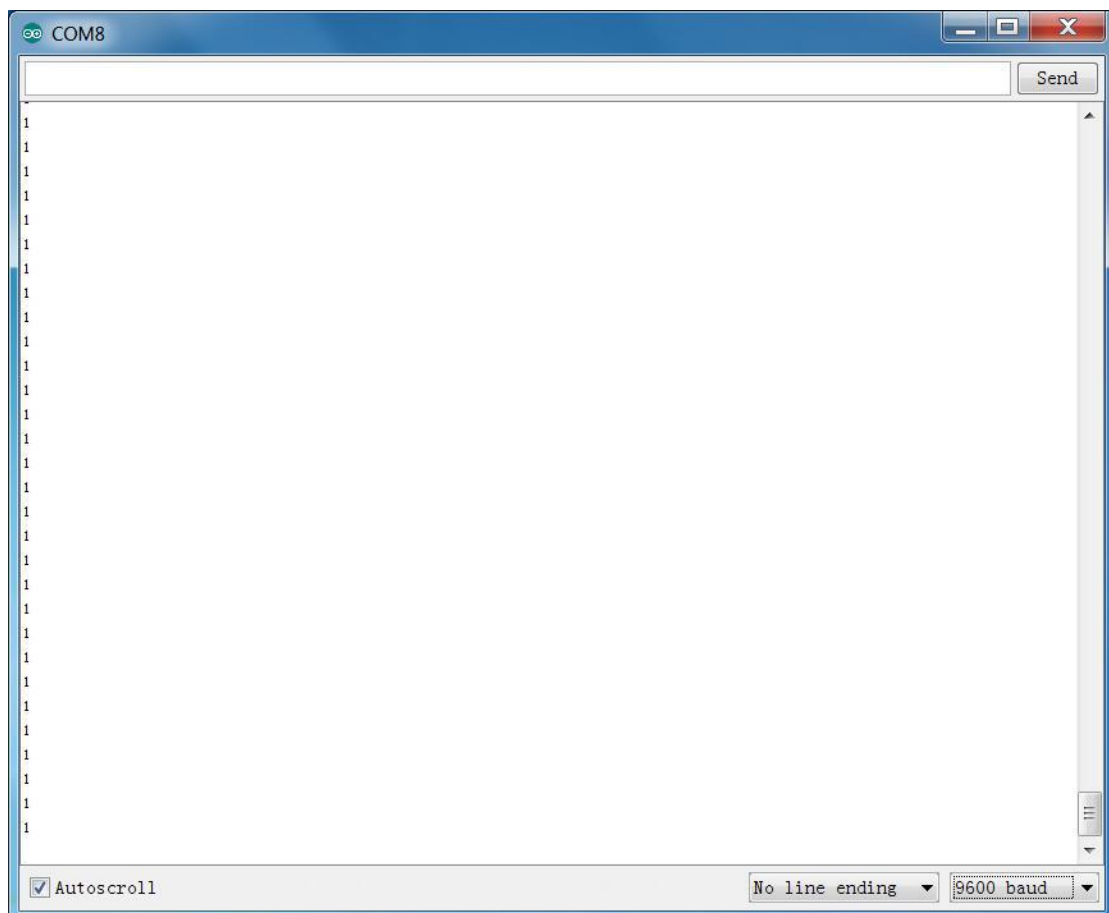
```
void loop()
```

keyestudio

```
{  
  
  Serial.println(digitalRead(3)); // print the data from the sensor  
  
  delay(500);  
  
}  
  
*****
```

Example Result

Done uploading the code to board, open the serial monitor and set the baud rate to 9600, then you can see the data from the sensor.



keystudio

Resource

<https://fs.keystudio.com/KS0050>