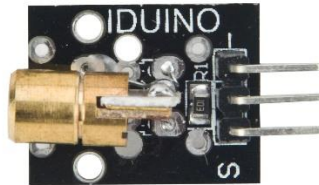


## Laser Module(ST1172)



### 1. Introduction

Laser transmitter module, 650 nm (red), gives a small intense beam. Even this module is safety for project, do not look direct into the beam.

### Specification:

- Operation voltage: 5V
- 3Pinout
- Wavelength:650nm
- Light color: Red
- Size:32\*20\*30mm
- Weight: 2g

### 2. Pinout

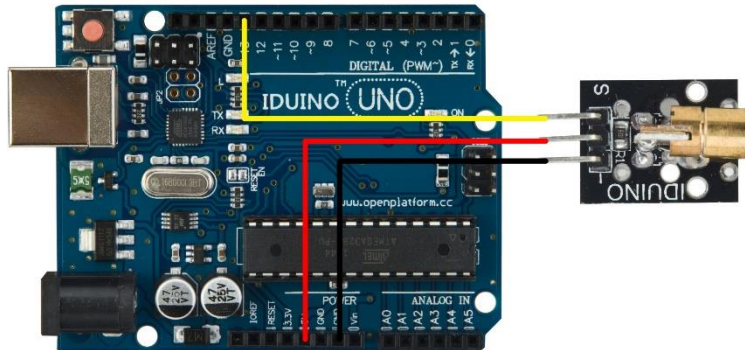
Pin Name	Description
"_"	Gnd
"S"	Signal pin(input)
"+"	Power(5V DC)

### 3. Example

This module can be used simply, example code as below, which control the laser diode to turn on and turn off alternately.

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\*\*\*\*\*Code begin\*\*\*\*\*

```
void setup ()
{
  pinMode (13, OUTPUT); // define the digital output interface 13 feet
}
void loop () {
  digitalWrite (13, HIGH); // open the laser head
  delay (1000); // delay one second
  digitalWrite (13, LOW); // turn off the laser head
  delay (1000); // delay one second
}
```

\*\*\*\*\*Code End\*\*\*\*\*