



Fan Module DFR0332



Contents

- 1 Introduction
- 2 Specification
- 3 Connection Diagram
- 4 Sample Code

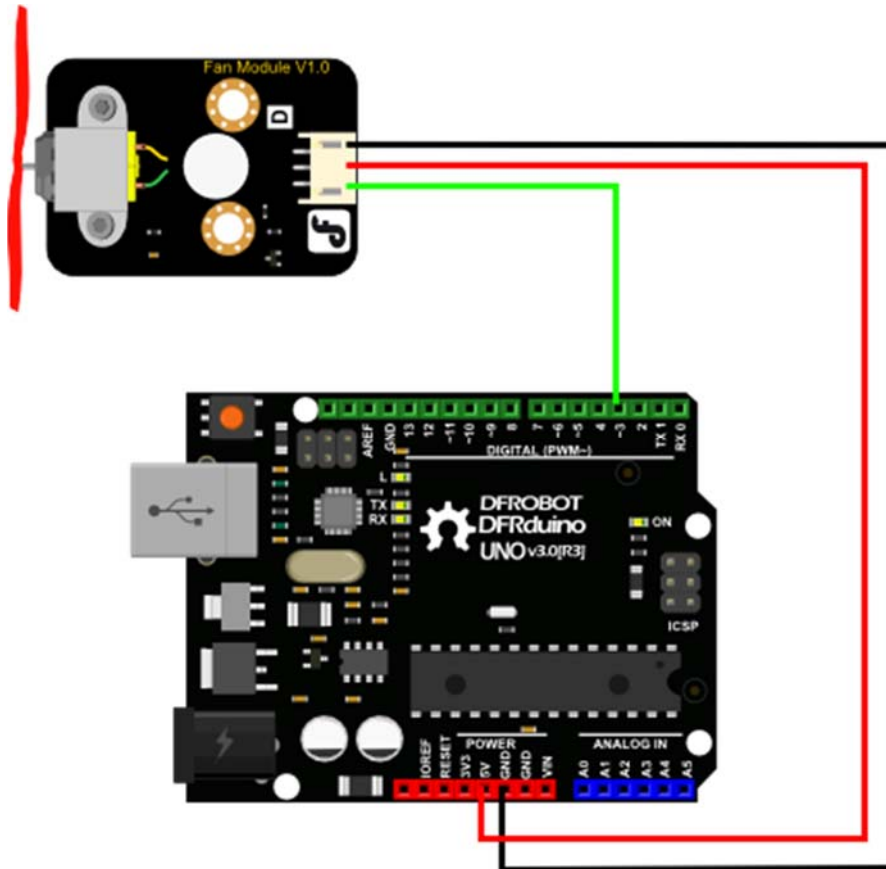
Introduction

This is a Fan module. You could make some interesting project with this module.

Specification

- Working Voltage : 3~6V
- Working Temperature : -20~85°C
- Speed (no load) : 15000 rpm
- Speed (6V) : 8000 rpm
- Current (6V) : 40mA
- Stall current (6V) : 360mA
- Torque (6V):0.111kg/cm
- Size: 36*27*13 mm
- Weight: 22g

Connection Diagram



Sample Code

```
//Arduino Sample Code for Fan Module
//www.DFRobot.com
//Version 1.0

#define Fan 3    //define driver pins

void setup()
{
  pinMode(Fan,OUTPUT);
  Serial.begin(9600);    //Baudrate: 9600
}
```

```
void loop()  
{  
  int value;  
  for(value = 0 ; value <= 255; value+=5)  
  {  
    analogWrite(Fan, value);    //PWM  
    Serial.println(value);  
    delay(30);  
  }  
}
```