



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





Fan Module DFR0332



Contents

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

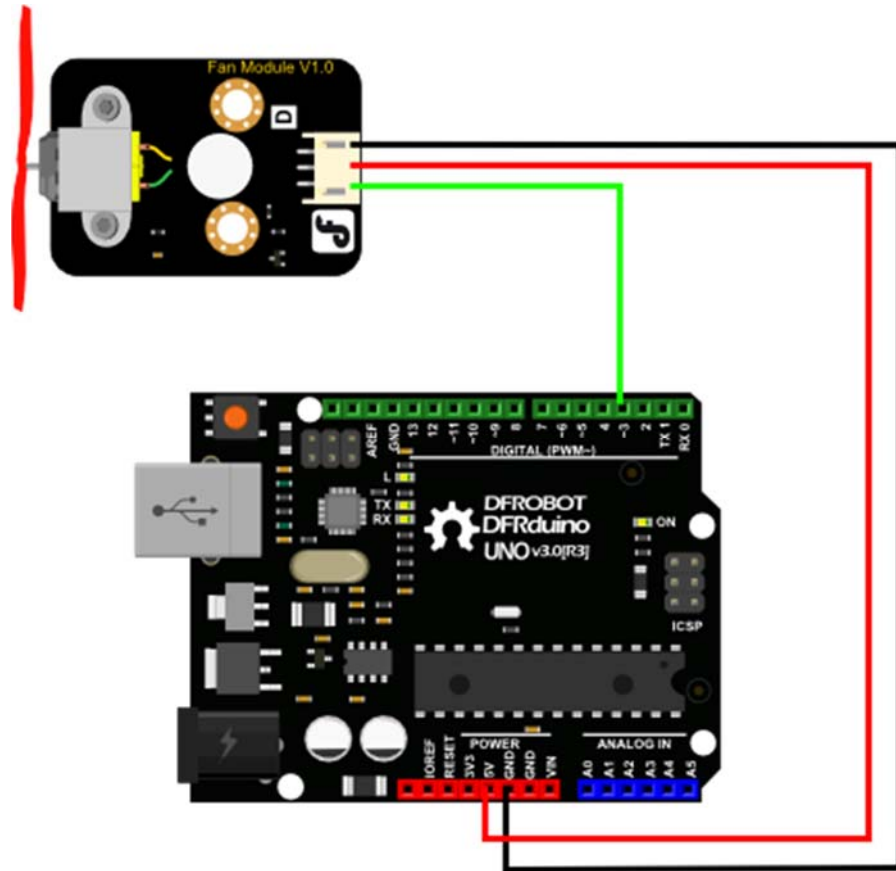
Introduction

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);
  }
}
```