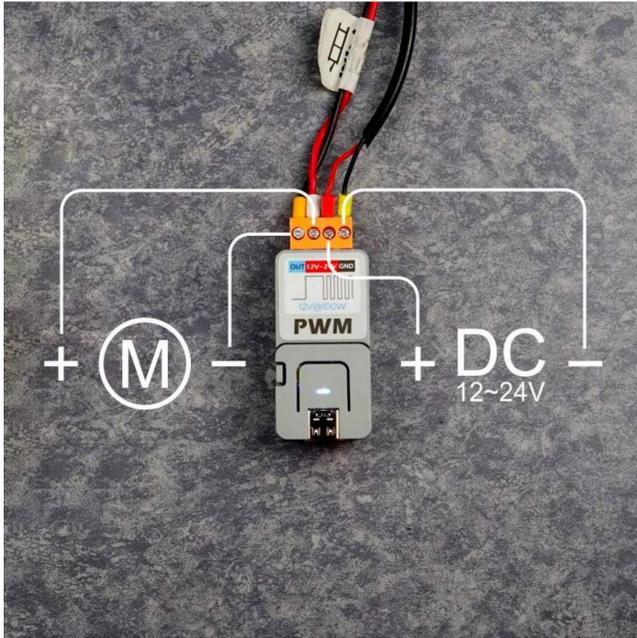




- DC motor control
- Light control
- Heater control
- DC Load



## Specifications

Specification	Parameter
Driver Chip	EG27324
MOSFET	FDD8447L
Maximum Output Power	100W
Input Voltage Range	DC 12V-24V
Number of Drive Channels	1
Net Weight	28.9g
Gross Weight	37.3g
Product Dimensions	24 * 48 * 18mm
Package Size	54 * 54 * 20mm

## Common Frequency and Resolution

LEDC Clock Source	LEDC Output (PWM) Frequency	Highest Resolution
APB_CLK (80 MHz)	1 kHz	1/65536 (16 bit)
APB_CLK (80 MHz)	5 kHz	1/8192 (13 bit)
APB_CLK (80 MHz)	10 kHz	1/4096 (12 bit)
RTC8M_CLK (8 MHz)	1 kHz	1/4096 (12 bit)
RTC8M_CLK (8 MHz)	8 kHz	1/512 (9 bit)
REF_TICK (1 MHz)	1 kHz	1/512 (9 bit)

# Related Links

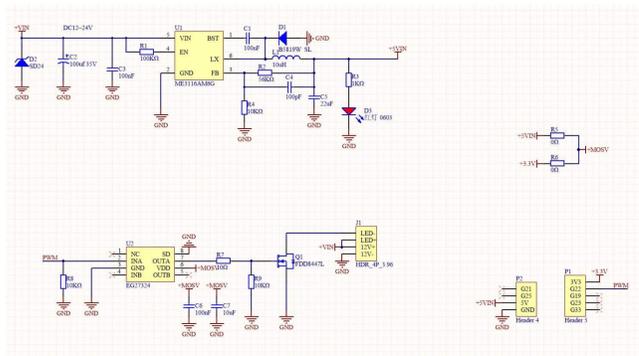
- **Datasheet**

- [FDD8447L](#)
- [EG27324](#)
- [ME3116AM6G](#)

## Pin Mapping

ATOM	G22
EG27324	INA

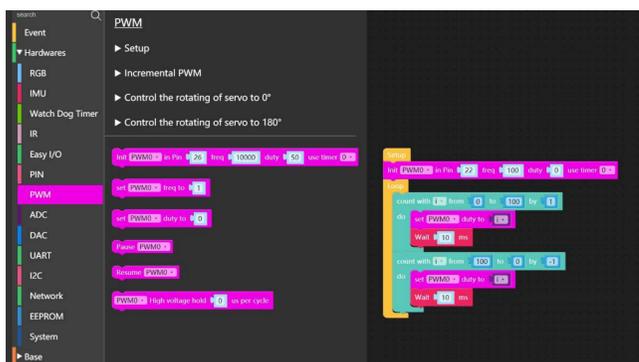
## Schematic



## Example

### UIFlow

- [View UIFlow-PWM control documentation](#)



### Arduino

```
#include <Arduino.h>

#define SIGNAL 22

int freq = 10000;
int ledChannel1 = 0;
int resolution = 10;
```

```
void setup() {  
  ledcSetup(ledChannel1, freq, resolution);  
  ledcAttachPin(SIGNAL, ledChannel1);  
}  
  
void loop() {  
  
  for(int i=0; i < 500; i++){  
    ledcWrite(ledChannel1, i);  
    delay(2);  
  }  
  
  for(int i=500; i > 0; i--){  
    ledcWrite(ledChannel1, i);  
    delay(2);  
  }  
}
```

## | Video

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