

## Stepper motor task

STEPPER MOTOR



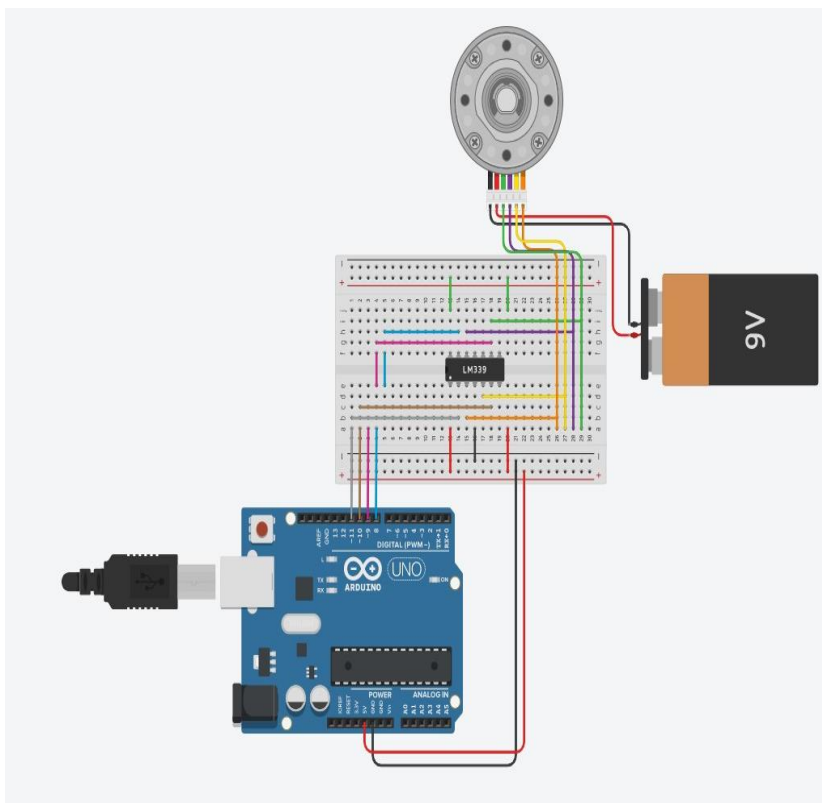
What the stepper motor ? How it is work with Arduino?.

Stepper motor , It is an electric motor used in small machines that need precision in controlling their motors such as the printer, laser cutter.. etc. One of the most important features of this type of engine is that it can control the number and speed of its turns and the angle of stopping precisely. This engine is also used in robotic applications, and is offered to show its stopping control at a specific angle.

The stepper motor you can Connecting with Arduino for your project. I will show you a simple project for the stepper motor working with Arduino:

**First (need) Used:**

- 1 stepper motor
- 9v battery
- breadboard
- Arduino



```
#include <Stepper.h>

Const int Step=200;

Stepper stepper_m(Step , 8 , 9 , 10 ,
11);

Int count=0;

Void setup(){ serial.begin(9600);
}

Void loop(){ stepper_m.step(1);
Serial.print('steps: ');
Serial.print(count); Count++;
Delay(1000);
}
```