

NODEMCU Lua ESP8266 Expansion Base Board Shield



Introduction

This base board is the Breakout Board for ESP8266 NodeMcu V3 Lua CH340 WIFI Development Board. All the I/O ports are easily accessible thru the 2.54mm pin header for easy prototyping. This baseboard also with on board 5V regulator. Accept power input of 5 – 12V thru 5.5mm power from wall plug adapter. The perfect solution for breaking out the pins from Lua V3 NodeMcu.

Features

- Small and handy module.
- Supply Voltages: 6 – 24Vdc.
- The spacing between headers pin: 54 mm.
- Lead-out all the I/O ports of the ESP-12E development board.
- Lead out the pins of 5V and 3.3V power supply.
- Convenient to connect with peripheral modules with jumper wires.
- Onboard 5V/1A DC-DC step-down converter circuit.
- Onboard power-on LED indicator.
- Board Dimension: 60x60mm.

Objective

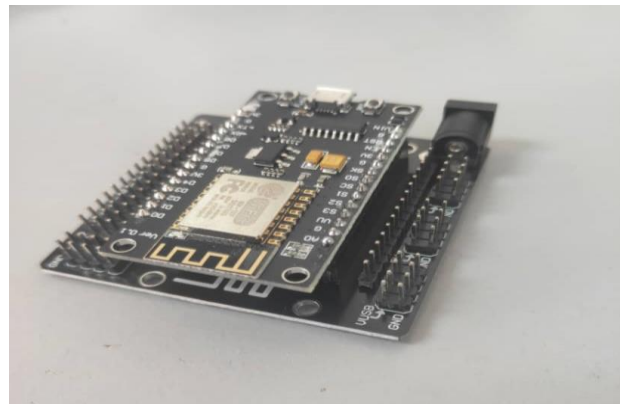
- To make LED blinking.

Component

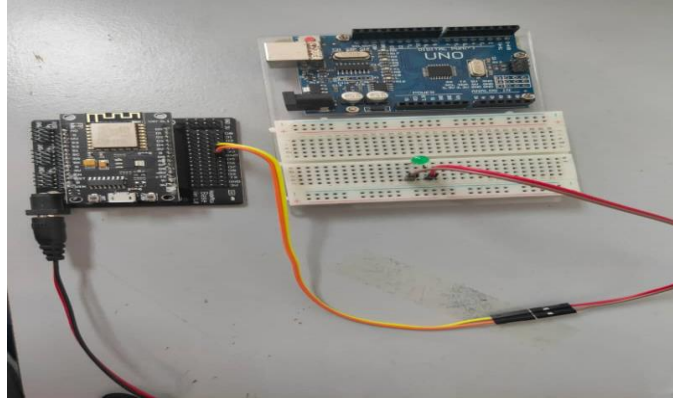
- Nodemcu Board Shield
- Nodemcu V3
- Wire
- LED
- Breadboard
- Battery 9V

Procedure

1. Put the NodeMcu V3 on the NodeMcu Board Shield as shown below.



2. Connect the wire like the diagrams and picture below.



LED	Nodemcu Board Shield
Positive	D4
Negative	GND

3. Upload the code into Nodemcu. After upload the code LED will blinking.

```
void setup() {  
  pinMode(LED_BUILTIN, OUTPUT);  
}  
  
void loop() {  
  digitalWrite(LED_BUILTIN, LOW);  
  delay(1000);  
  digitalWrite(LED_BUILTIN, HIGH);  
  delay(2000);  
}
```