

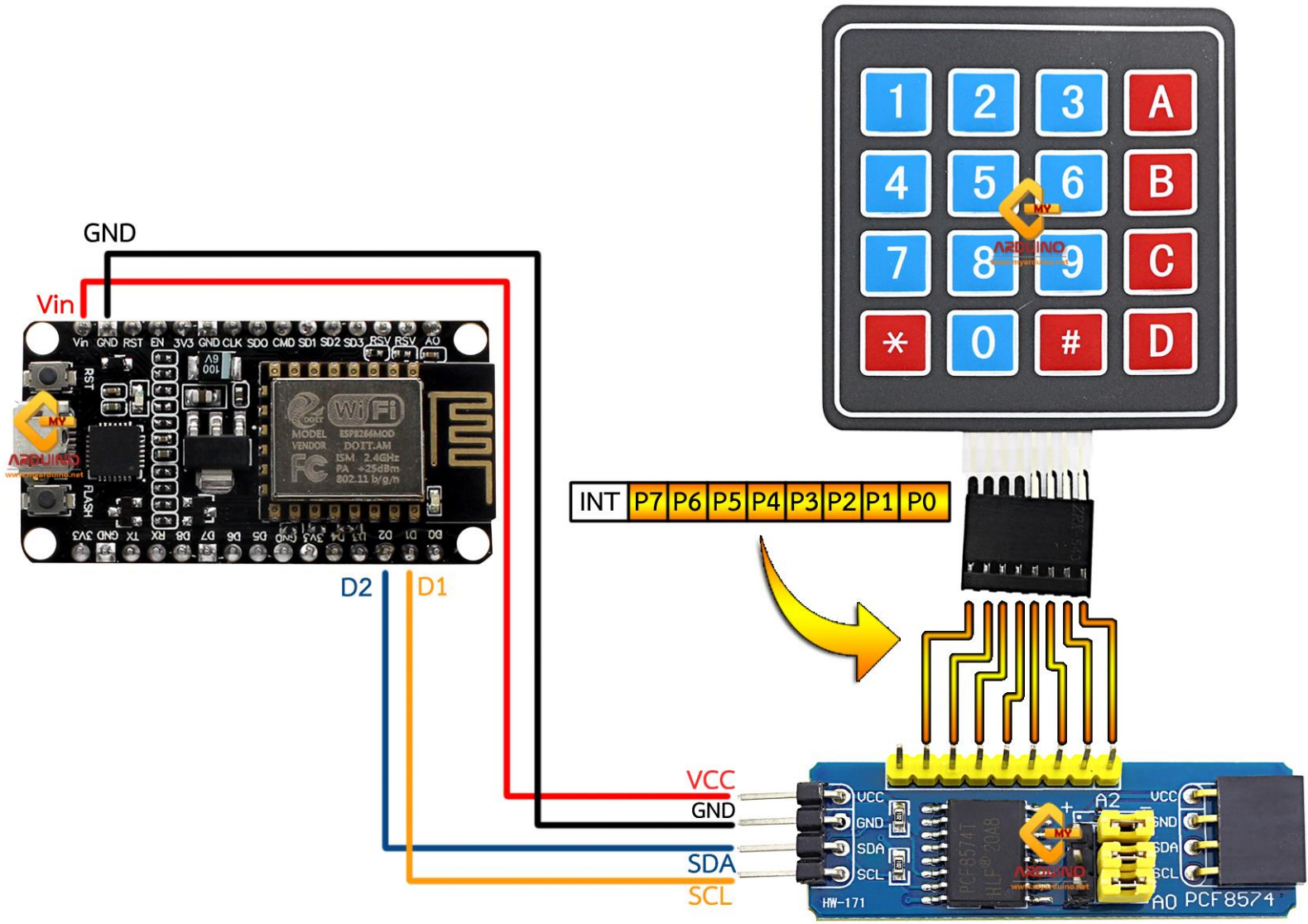
# **4X4 KEYPAD WITH I2C AND NODEMCU**

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**BANGALORE**





```
//Download Library
//http://www.mediafire.com/file/z9qzwmprwdo2gqj/Keypad-master.zip/file
//http://www.mediafire.com/file/wcdmj9bo27glp35/Keypad_I2C.zip/file
#include <Keypad_I2C.h>
#include <Keypad.h>
#include <Wire.h>
#define I2CADDR 0x20
const byte ROWS = 4;
const byte COLS = 4;
char keys[ROWS][COLS] = {
  {'1','2','3','A'},
  {'4','5','6','B'},
  {'7','8','9','C'},
  {'*','0','#','D'}
};
byte rowPins[ROWS] = {0, 1, 2, 3};
byte colPins[COLS] = {4, 5, 6, 7};

Keypad_I2C keypad( makeKeymap(keys), rowPins, colPins, ROWS, COLS, I2CADDR, PCF8574 );

void setup(){
  Wire.begin();
  keypad.begin( makeKeymap(keys) );
  Serial.begin(9600);
}
void loop(){
  char key = keypad.getKey();
  if (key){ Serial.println(key); }
}
```