

MAX7219 LED

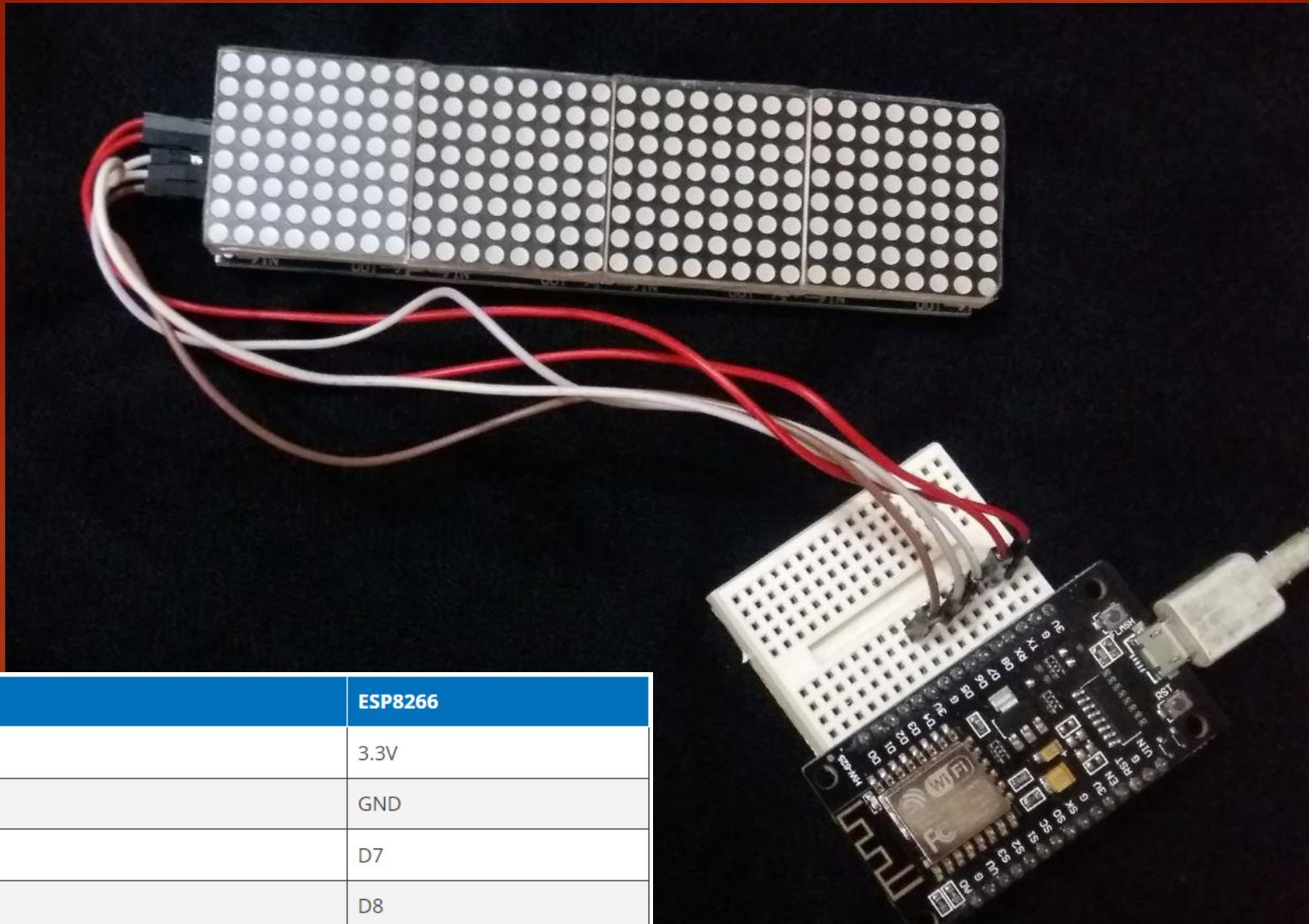
Dot Matrix 4 –

Series Display

with ESP8266

NodeMCU

DINESH KUMAR  
ISRO SATELLITE CENTER  
BANGALORE



MAX7219 Module	ESP8266
VCC	3.3V
GND	GND
DIN	D7
CS	D8
CLK	D5

```
#include <MD_Parola.h>
#include <MD_MAX72xx.h>
#include <SPI.h>

// Uncomment according to your hardware type
#define HARDWARE_TYPE MD_MAX72XX::FC16_HW
//#define HARDWARE_TYPE MD_MAX72XX::GENERIC_HW

// Defining size, and output pins
#define MAX_DEVICES 4
#define CS_PIN 15

MD_Parola Display = MD_Parola(HARDWARE_TYPE, CS_PIN, MAX_DEVICES);

void setup() {

    Display.begin();
    Display.setIntensity(0);
    Display.displayClear();
    Display.displayScroll("B-12 J2 ROAD JEEVAN BHIMA NAGAR BANGALORE 560075", PA_RIGHT, PA_SCROLL_LEFT, 150);
}

void loop() {
    if (Display.displayAnimate()) {
        Display.displayReset();
    }
}
```