**CODE**

#include <ESP8266WiFi.h>

#include<SoftwareSerial.h>

#include <ArduinoJson.h>

#include<AmperkaFET.h>

#include<SPI.h>

#define datapin1 12

#define datapin2 11

#define datapin3 10

#define datapin4 9

#define loadpin 8

#define clockpin1 7

#define clockpin2 6

#define clockpin3 5

#define clockpin4 4

#define button1 0

#define button2 1

#define button3 2

#define button4 3

byte data;

int state[4]={1,1,1,1};

void setup()

{

pinMode(datapin1, OUTPUT);

pinMode(datapin2, OUTPUT);

pinMode(datapin3, OUTPUT);

pinMode(datapin4, OUTPUT);

pinMode(loadpin, OUTPUT);

pinMode(clockpin1, OUTPUT);

pinMode(clockpin2, OUTPUT);

pinMode(clockpin3, OUTPUT);

pinMode(clockpin4, OUTPUT);

pinMode(button1,INPUT);

pinMode(button2,INPUT);

pinMode(button3,INPUT);

pinMode(button4,INPUT);

data=1;

digitalWrite(loadpin,LOW);

shiftOut(datapin1,clockpin1,MSBFIRST,data);

digitalWrite(loadpin,HIGH);

digitalWrite(loadpin,LOW);

shiftOut(datapin2,clockpin2,MSBFIRST,data);

digitalWrite(loadpin,HIGH);

digitalWrite(loadpin,LOW);

shiftOut(datapin3,clockpin3,MSBFIRST,data);

digitalWrite(loadpin,HIGH);

digitalWrite(loadpin,LOW);

shiftOut(datapin4,clockpin4,MSBFIRST,data);

digitalWrite(loadpin,HIGH);

}

void loop()

{

data=2;

digitalWrite(loadpin,LOW);

shiftOut(datapin1,clockpin1,MSBFIRST,data);

digitalWrite(loadpin,HIGH);

delay(500);

data=28;

digitalWrite(loadpin,LOW);

shiftOut(datapin1,clockpin1,MSBFIRST,data);

digitalWrite(loadpin,HIGH);

delay(1500);

data=2;

digitalWrite(loadpin,LOW);

shiftOut(datapin1,clockpin1,MSBFIRST,data);

digitalWrite(loadpin,HIGH);

delay(500);

data=1;

digitalWrite(loadpin,LOW);

shiftOut(datapin1,clockpin1,MSBFIRST,data);

digitalWrite(loadpin,HIGH);

data=2;

digitalWrite(loadpin,LOW);

shiftOut(datapin2,clockpin2,MSBFIRST,data);

digitalWrite(loadpin,HIGH);

delay(500);

data=28;

digitalWrite(loadpin,LOW);

shiftOut(datapin2,clockpin2,MSBFIRST,data);

digitalWrite(loadpin,HIGH);

delay(1500);

data=2;

digitalWrite(loadpin,LOW);

shiftOut(datapin2,clockpin2,MSBFIRST,data);

digitalWrite(loadpin,HIGH);

delay(500);

data=1;

digitalWrite(loadpin,LOW);

shiftOut(datapin2,clockpin2,MSBFIRST,data);

digitalWrite(loadpin,HIGH);

data=2;

digitalWrite(loadpin,LOW);

shiftOut(datapin3,clockpin3,MSBFIRST,data);

digitalWrite(loadpin,HIGH);

delay(500);

data=28;

digitalWrite(loadpin,LOW);

shiftOut(datapin3,clockpin3,MSBFIRST,data);

digitalWrite(loadpin,HIGH);

delay(1500);

data=2;

digitalWrite(loadpin,LOW);

shiftOut(datapin3,clockpin3,MSBFIRST,data);

digitalWrite(loadpin,HIGH);

delay(500);

data=1;

digitalWrite(loadpin,LOW);

shiftOut(datapin3,clockpin3,MSBFIRST,data);

digitalWrite(loadpin,HIGH);

data=2;

digitalWrite(loadpin,LOW);

shiftOut(datapin4,clockpin4,MSBFIRST,data);

digitalWrite(loadpin,HIGH);

delay(500);

data=28;

digitalWrite(loadpin,LOW);

shiftOut(datapin4,clockpin4,MSBFIRST,data);

digitalWrite(loadpin,HIGH);

delay(1500);

data=2;

digitalWrite(loadpin,LOW);

shiftOut(datapin4,clockpin4,MSBFIRST,data);

digitalWrite(loadpin,HIGH);

delay(500);

data=1;

digitalWrite(loadpin,LOW);

shiftOut(datapin4,clockpin4,MSBFIRST,data);

digitalWrite(loadpin,HIGH);

}

**IF ABOVE CODE DOESN’T WORK THEN USE THIS CODE BELOW…..**

#include<AmperkaFET.h>

#include<SPI.h>

#define datapin1 12

#define datapin2 11

#define datapin3 10

#define datapin4 9

#define loadpin 8

#define clockpin1 7

#define clockpin2 6

#define clockpin3 5

#define clockpin4 4

#define button1 0

#define button2 1

#define button3 2

#define button4 3

byte data;

int state[4]={1,1,1,1};

void setup()

{

pinMode(datapin1, OUTPUT);

pinMode(datapin2, OUTPUT);

pinMode(datapin3, OUTPUT);

pinMode(datapin4, OUTPUT);

pinMode(loadpin, OUTPUT);

pinMode(clockpin1, OUTPUT);

pinMode(clockpin2, OUTPUT);

pinMode(clockpin3, OUTPUT);

pinMode(clockpin4, OUTPUT);

pinMode(button1,INPUT);

pinMode(button2,INPUT);

pinMode(button3,INPUT);

pinMode(button4,INPUT);

data=1;

digitalWrite(loadpin,LOW);

shiftOut(datapin1,clockpin1,MSBFIRST,data);

digitalWrite(loadpin,HIGH);

digitalWrite(loadpin,LOW);

shiftOut(datapin2,clockpin2,MSBFIRST,data);

digitalWrite(loadpin,HIGH);

digitalWrite(loadpin,LOW);

shiftOut(datapin3,clockpin3,MSBFIRST,data);

digitalWrite(loadpin,HIGH);

digitalWrite(loadpin,LOW);

shiftOut(datapin4,clockpin4,MSBFIRST,data);

digitalWrite(loadpin,HIGH);

}

void loop()

{

data=2;

digitalWrite(loadpin,LOW);

shiftOut(datapin1,clockpin1,MSBFIRST,data);

digitalWrite(loadpin,HIGH);

delay(500);

data=28;

digitalWrite(loadpin,LOW);

shiftOut(datapin1,clockpin1,MSBFIRST,data);

digitalWrite(loadpin,HIGH);

delay(1500);

data=2;

digitalWrite(loadpin,LOW);

shiftOut(datapin1,clockpin1,MSBFIRST,data);

digitalWrite(loadpin,HIGH);

delay(500);

data=1;

digitalWrite(loadpin,LOW);

shiftOut(datapin1,clockpin1,MSBFIRST,data);

digitalWrite(loadpin,HIGH);

data=2;

digitalWrite(loadpin,LOW);

shiftOut(datapin2,clockpin2,MSBFIRST,data);

digitalWrite(loadpin,HIGH);

delay(500);

data=28;

digitalWrite(loadpin,LOW);

shiftOut(datapin2,clockpin2,MSBFIRST,data);

digitalWrite(loadpin,HIGH);

delay(1500);

data=2;

digitalWrite(loadpin,LOW);

shiftOut(datapin2,clockpin2,MSBFIRST,data);

digitalWrite(loadpin,HIGH);

delay(500);

data=1;

digitalWrite(loadpin,LOW);

shiftOut(datapin2,clockpin2,MSBFIRST,data);

digitalWrite(loadpin,HIGH);

data=2;

digitalWrite(loadpin,LOW);

shiftOut(datapin3,clockpin3,MSBFIRST,data);

digitalWrite(loadpin,HIGH);

delay(500);

data=28;

digitalWrite(loadpin,LOW);

shiftOut(datapin3,clockpin3,MSBFIRST,data);

digitalWrite(loadpin,HIGH);

delay(1500);

data=2;

digitalWrite(loadpin,LOW);

shiftOut(datapin3,clockpin3,MSBFIRST,data);

digitalWrite(loadpin,HIGH);

delay(500);

data=1;

digitalWrite(loadpin,LOW);

shiftOut(datapin3,clockpin3,MSBFIRST,data);

digitalWrite(loadpin,HIGH);

data=2;

digitalWrite(loadpin,LOW);

shiftOut(datapin4,clockpin4,MSBFIRST,data);

digitalWrite(loadpin,HIGH);

delay(500);

data=28;

digitalWrite(loadpin,LOW);

shiftOut(datapin4,clockpin4,MSBFIRST,data);

digitalWrite(loadpin,HIGH);

delay(1500);

data=2;

digitalWrite(loadpin,LOW);

shiftOut(datapin4,clockpin4,MSBFIRST,data);

digitalWrite(loadpin,HIGH);

delay(500);

data=1;

digitalWrite(loadpin,LOW);

shiftOut(datapin4,clockpin4,MSBFIRST,data);

digitalWrite(loadpin,HIGH);

}