1. MQ-9可燃气体传感器

#define A 5

#define INPUT\_KEY D2

int val = 0;

void setup() {

// put your setup code here, to run once:

pinMode(A, OUTPUT);

//pinMode(INPUT\_KEY, INPUT);

pinMode(INPUT\_KEY, INPUT\_PULLUP);

}

void loop() {

// put your main code here, to run repeatedly:

if (digitalRead(INPUT\_KEY) == LOW)

{

digitalWrite(A, LOW);

}

else

{

digitalWrite(A, HIGH);

}

}

二、PM2.5传感器

#define B 5

#define INPUT\_KEY D2

int val = 0;

void setup() {

// put your setup code here, to run once:

pinMode(B, OUTPUT);

pinMode(INPUT\_KEY, INPUT\_PULLUP);

digitalWrite(B, LOW);

}

void loop() {

// put your main code here, to run repeatedly:

ScanKey();

if (val == 1)

{

digitalWrite(B, !digitalRead(LED));

}

}

void ScanKey()

{

val = 0;

if (digitalRead(INPUT\_KEY) == LOW)

{

delay(20);

if (digitalRead(INPUT\_KEY) == LOW)

{

val = 1;

while (digitalRead(INPUT\_KEY) == LOW)

{

delay(20);

}

}

}

}

三、YL-69土壤湿度传感器

int A=3

void setup()

{

pinMode(A,OUTPUT);//设置数字IO脚模式，OUTPUT为输出

}

void loop()

{

unsigned char i,j;

while(1)

{

for(i=0;i<80;i++)//

{

digitalWrite(A,HIGH);

delay(1);//延时1ms

digitalWrite(A,LOW);

delay(1);//延时ms

}

for(i=0;i<100;i++)

{

digitalWrite(A,HIGH);

delay(2);

digitalWrite(A,LOW);

delay(2);

}

}

}