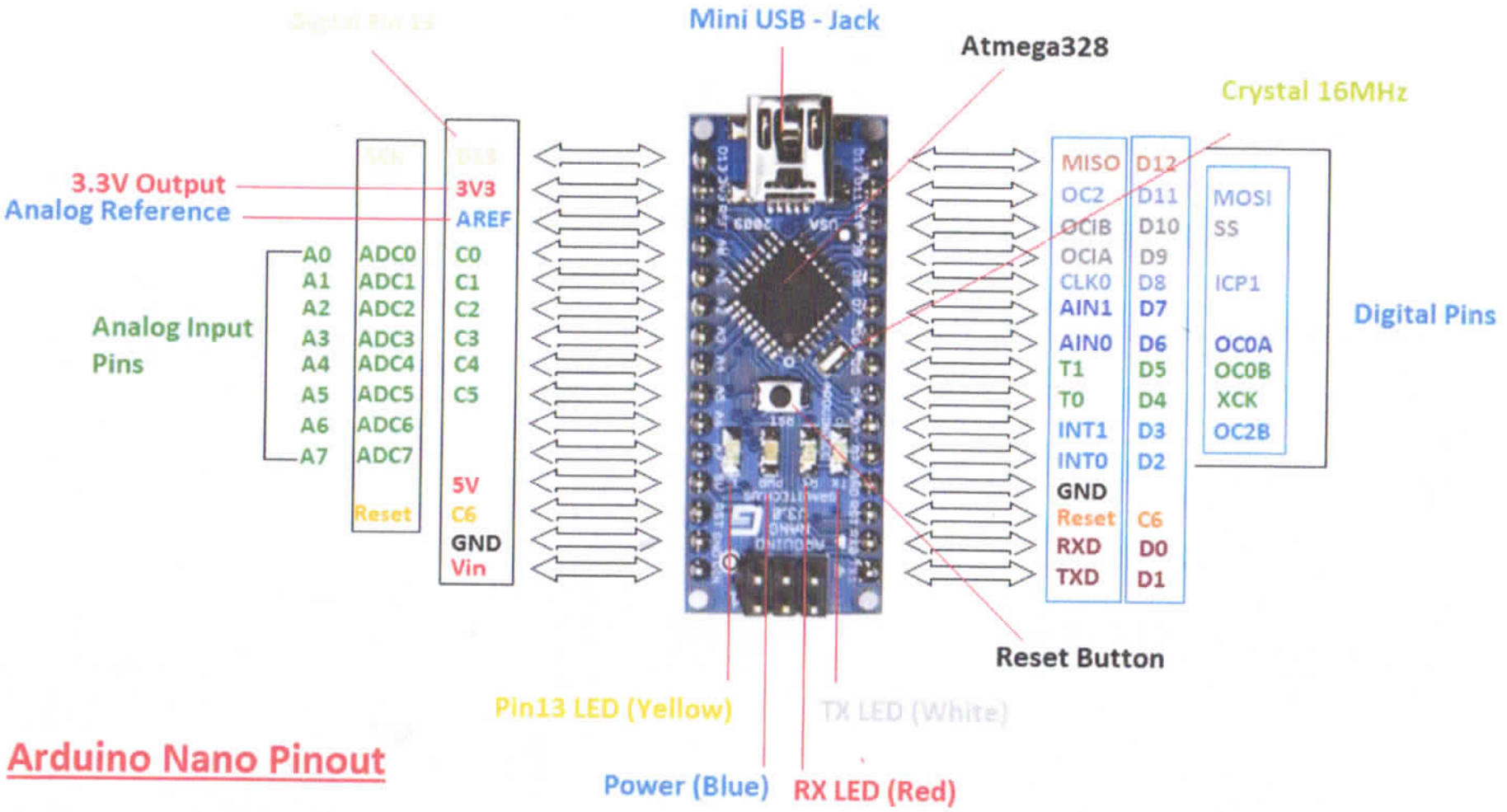
LAMPIRAN 1

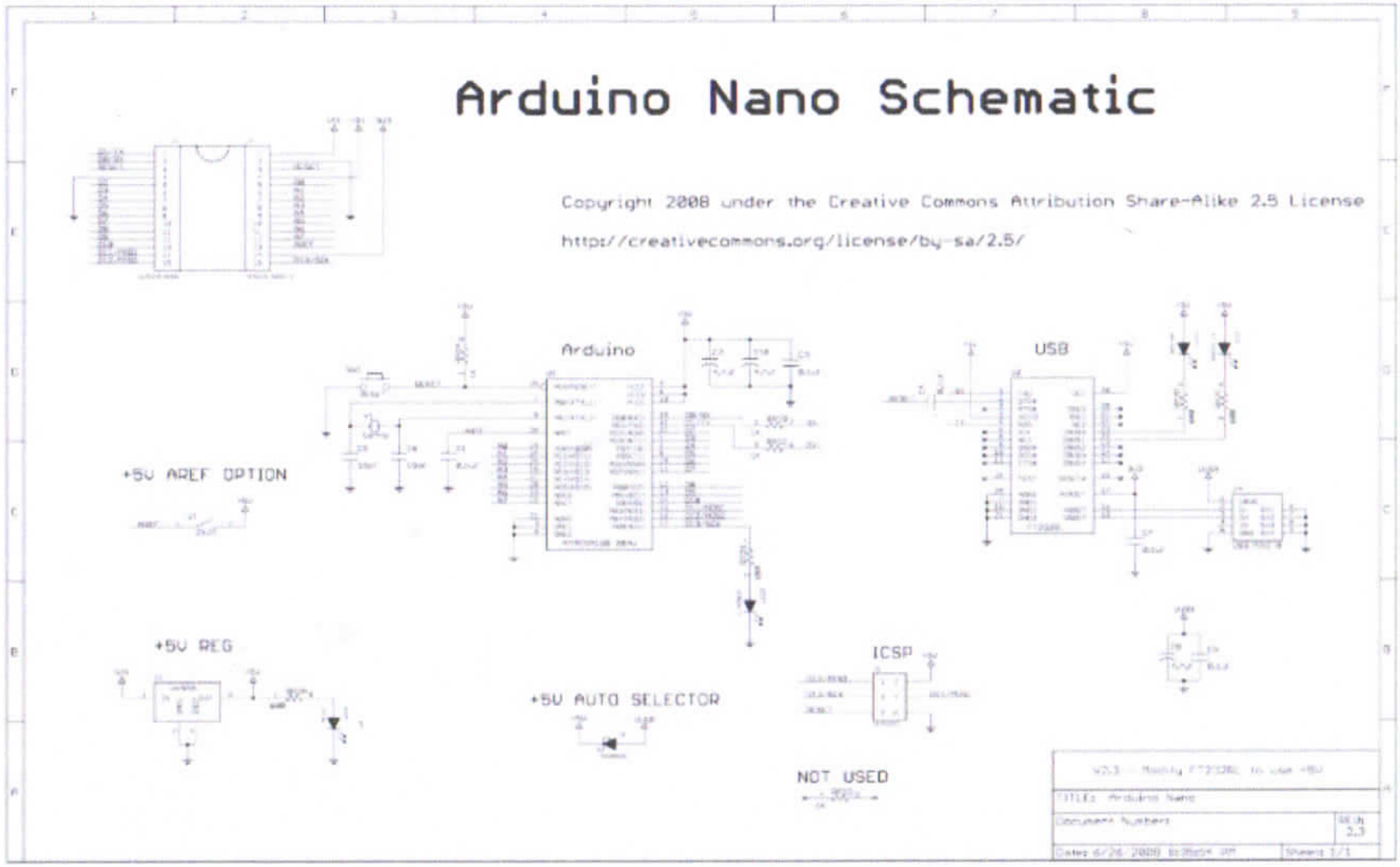
```
#include <Servo.h>

Servo myServo;
 int button= 2;
 int nilaitombol;
 int count;
 int lampu=5;
 int a=10000;  // waktu timer dalam ms

void setup() {
 myServo.attach(9);
 pinMode(button, INPUT);
 pinMode(lampu, OUTPUT);
}

void loop() {
 digitalWrite(lampu,HIGH);
  nilaitombol= digitalRead(button); // MEMASUKKAN KAIT STABILO

 if(nilaitombol == 1){
 count++;
```

```
delay(3000);
 if(count==1){    // membuka pengait
 digitalWrite(lampu,HIGH);
 myServo.write(45);


}if(count==2){     // menutup pengait
digitalWrite(lampu,HIGH);
myServo.write(0);


 }if(count==3){    // memulai timer
digitalWrite(lampu,LOW);
 delay(a);
 myServo.write(45);
 digitalWrite(lampu,HIGH);
 delay(3000);
 myServo.write(0);   // timer selesai, servo menutup kembali
 count=0;


  }
  }
 }
```



Arduino Nano Pinout

LAMPIRAN 2


Arduino Nano Schematic
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Arduino
USB
+5V AREF OPTION
+5V REG
+5V AUTO SELECTOR
ICSP
NOT USED