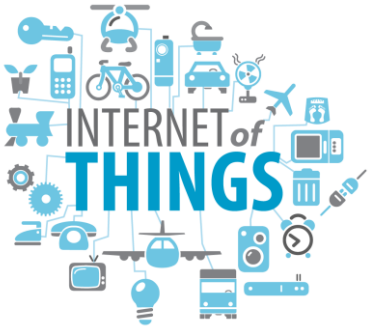
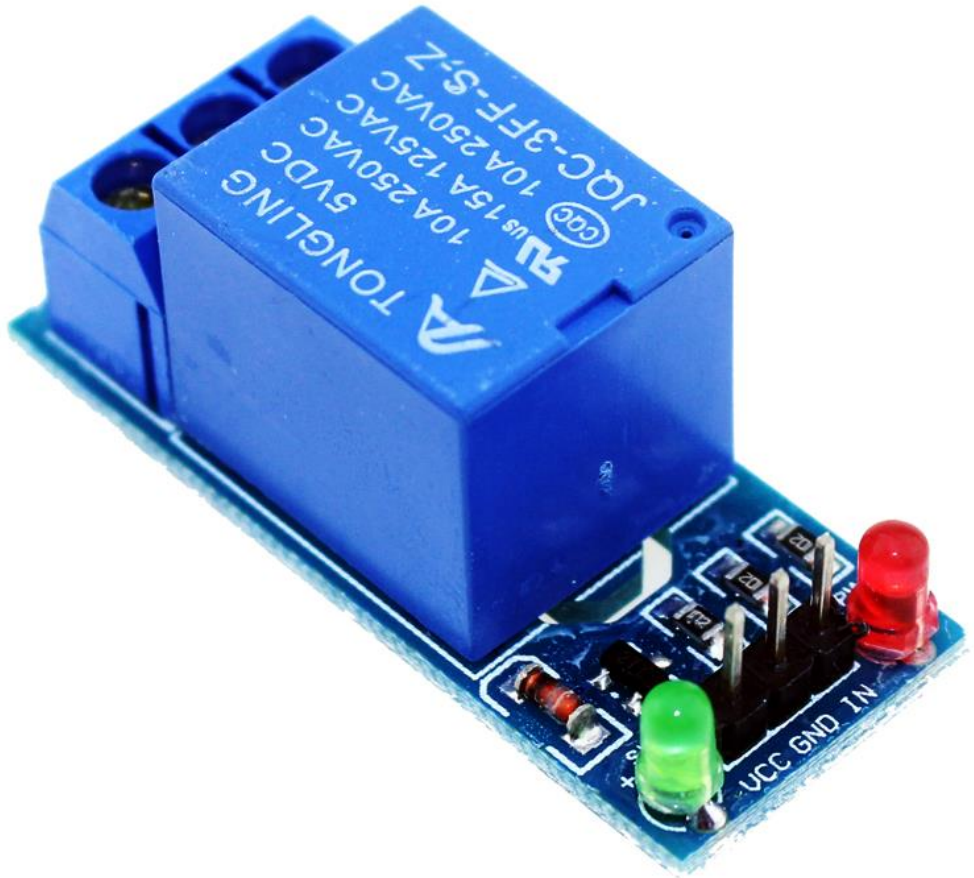
UNIVERSITY OF SCIENCE - VNUHCM
Faculty of Information Technology

INTERNET OF THINGS

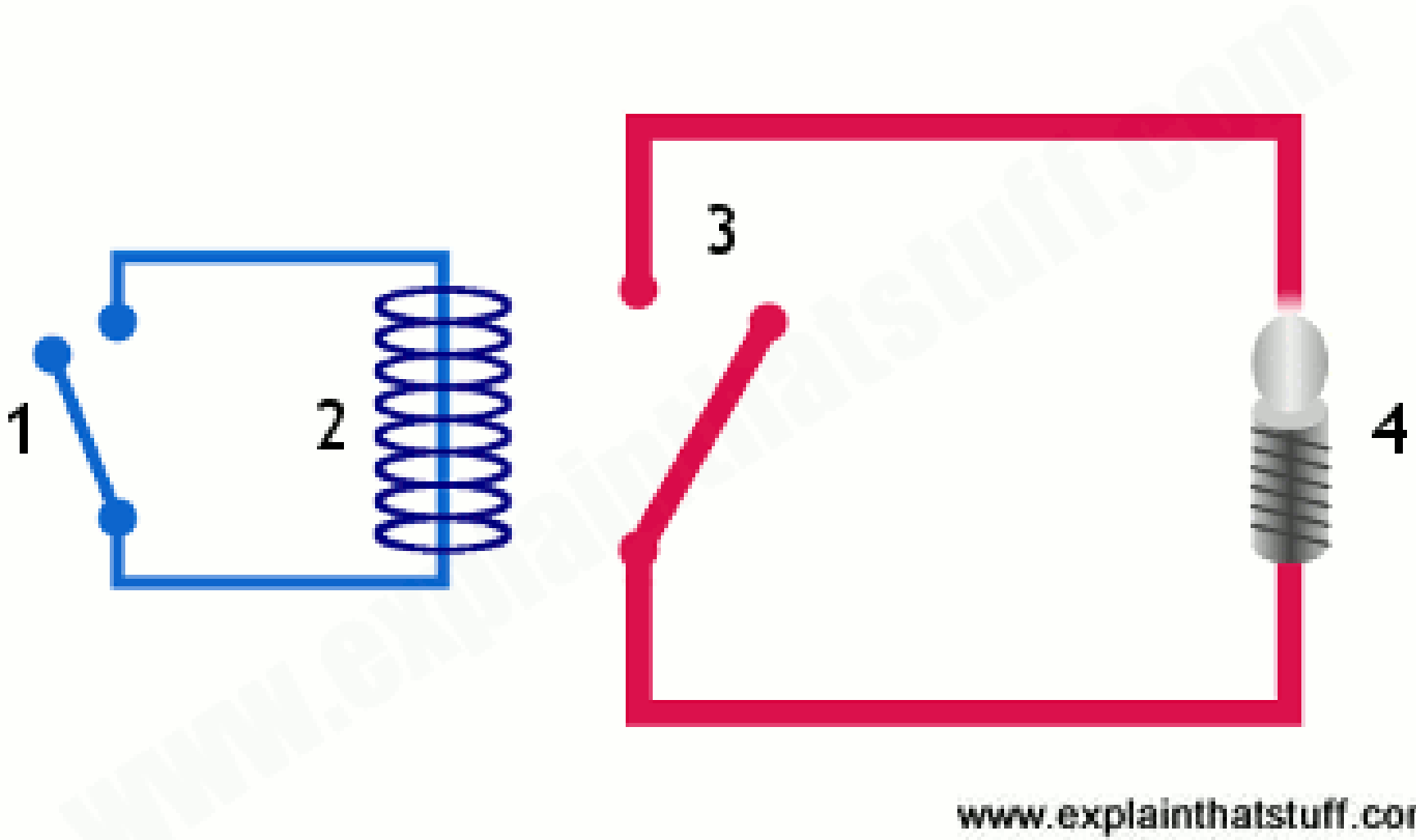
1.12

RELAY




TONGLING
5VDC
10A 250VAC
10A 125VAC
10A 250VAC
JQC-3FF-S-Z
VCC GND IN

Relay 5VDC



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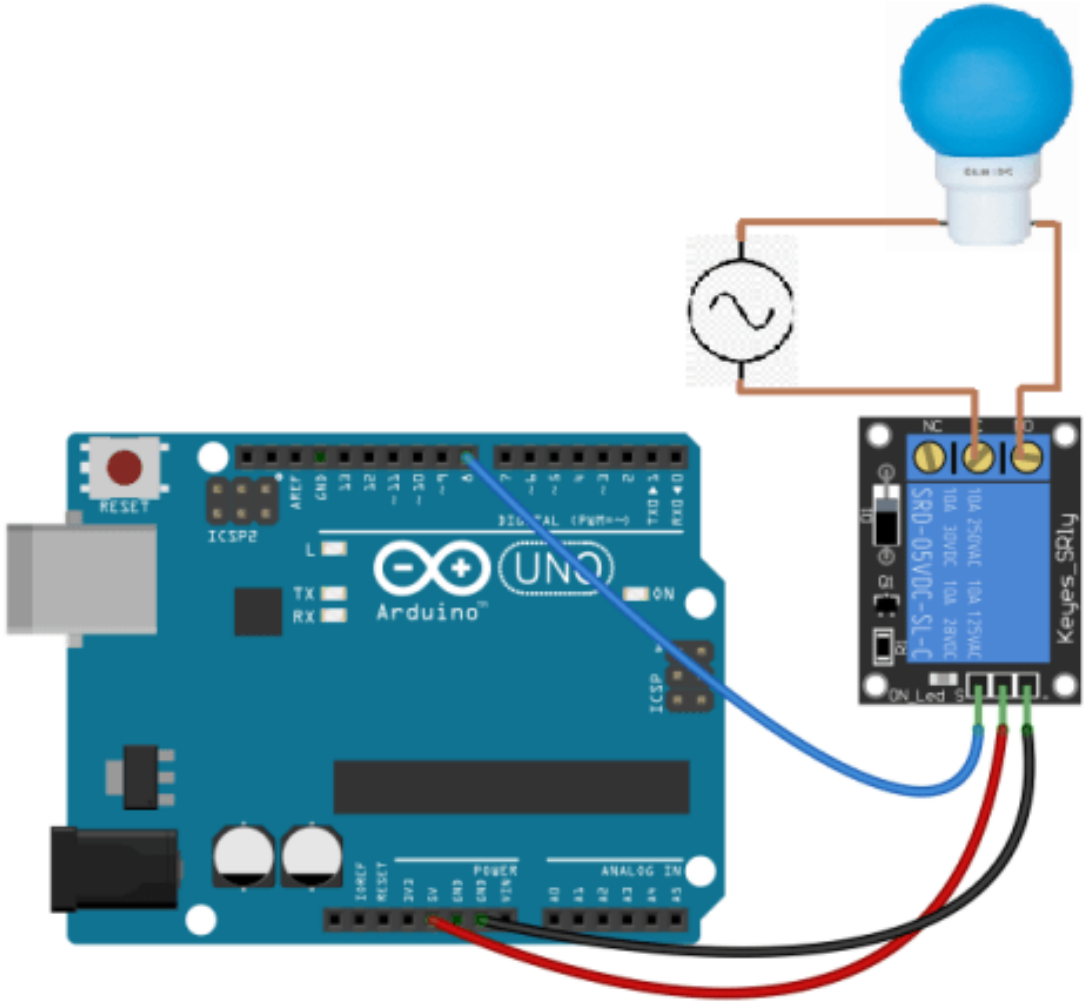
DC+
DC-
IN
Relay
NO
COM
NC

5V
DC+
GND
DC-
2
IN
Relay
NO
COM
NC

5V
DC+
GND
DC-
2
IN
Relay
NO
COM
NC
+
-
3.3V
GND



Relay	Arduino	Electronic Device
VCC	5V	
GND	GND	
IN	8	
COM		+
NO/NC		-

NO = Normally Open
NC = Normally Close

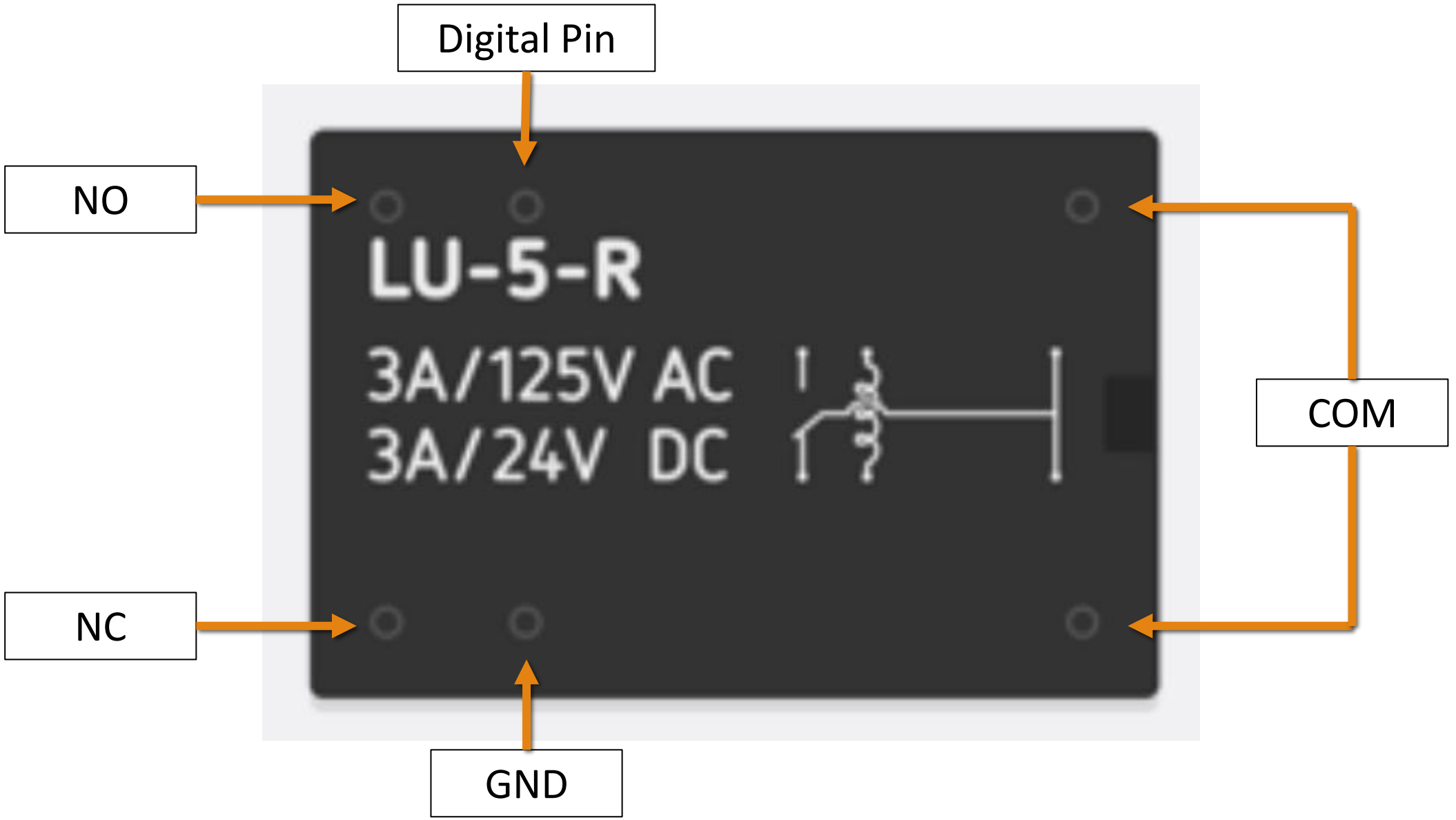
If you just want to light up a lamp occasionally, it is better to use a normally-open circuit configuration.

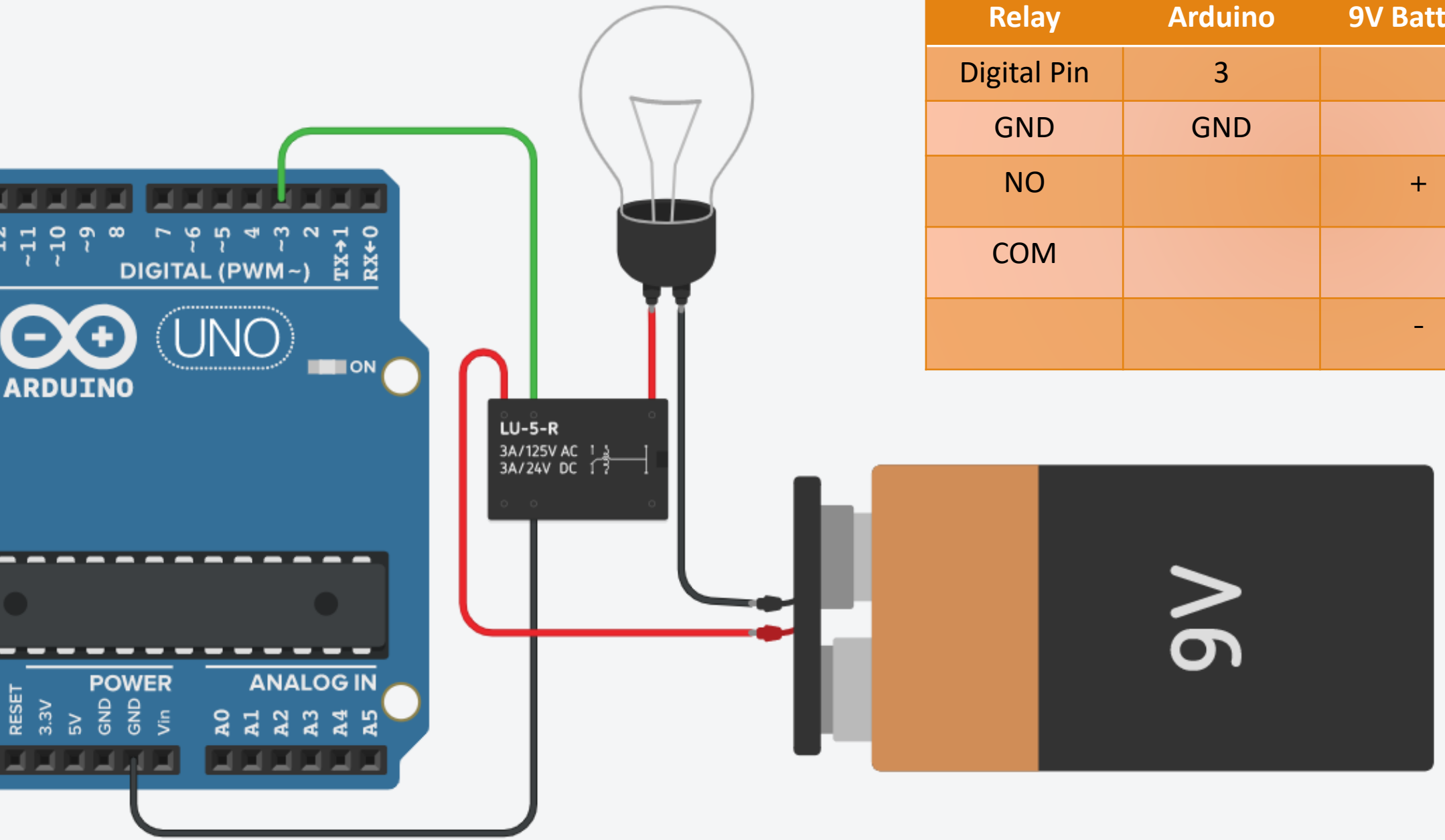
```
int relay_pin = 8;

void setup() {
  pinMode(relay_pin, OUTPUT);
}

void loop() {
  digitalWrite(relay_pin, LOW);
  delay(3000);
  digitalWrite(relay_pin, HIGH);
  delay(3000);
}
```

Relay SPDT


Digital Pin
NO
LU-5-R
3A/125V AC
3A/24V DC
COM
NC
GND



Relay	Arduino	9V Battery	Bulb
Digital Pin	3		
GND	GND		
NO		+	
COM			+
		-	-

```
void setup()
{
  pinMode(3, OUTPUT);
}

void loop()
{
  digitalWrite(3, HIGH);
  delay(3000);
  digitalWrite(3, LOW);
  delay(3000);
}
```

Control Motor by Button