



Nome dell'azienda

Laboratorio DC motor ~~Robotica~~



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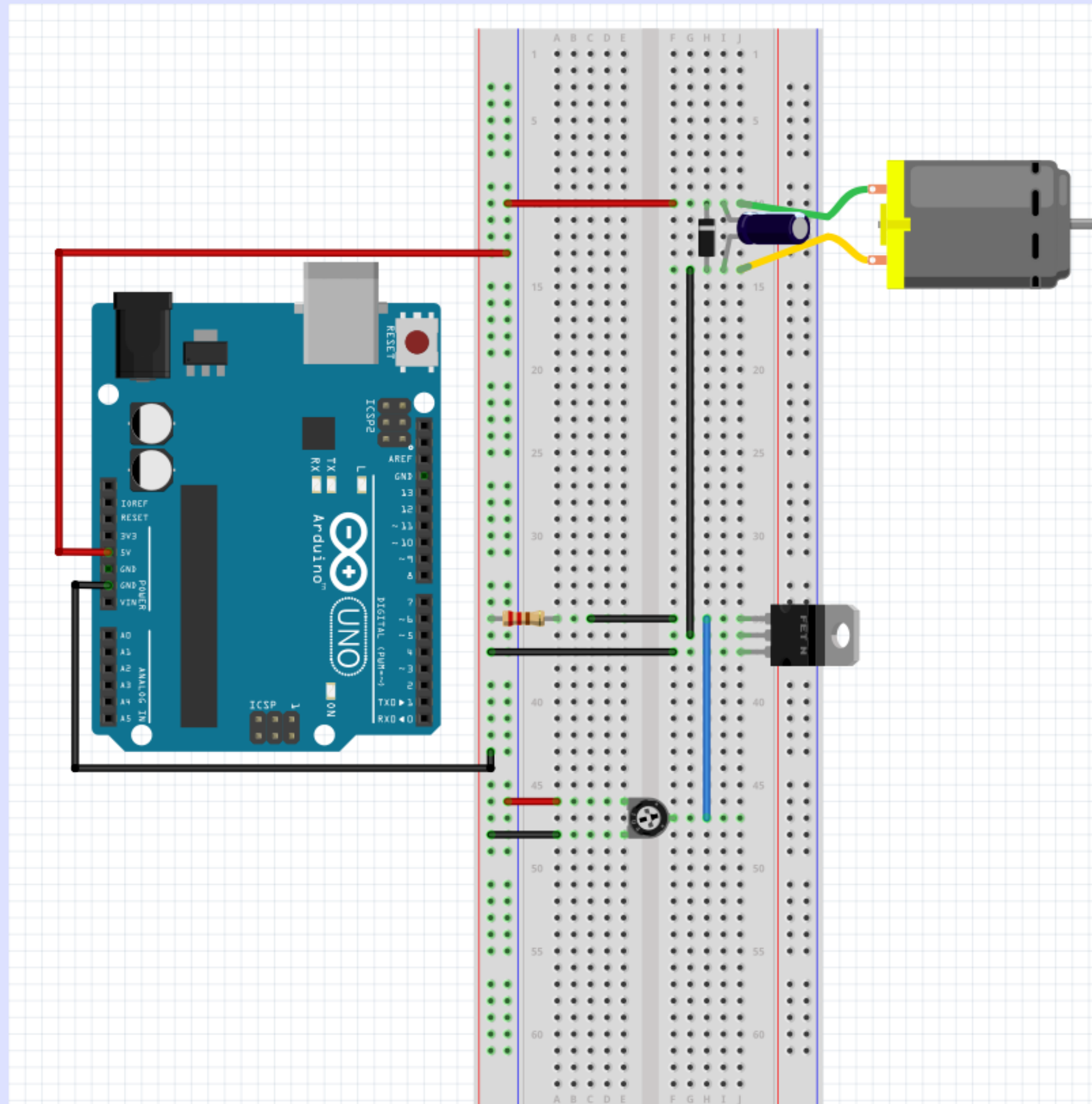


Indice

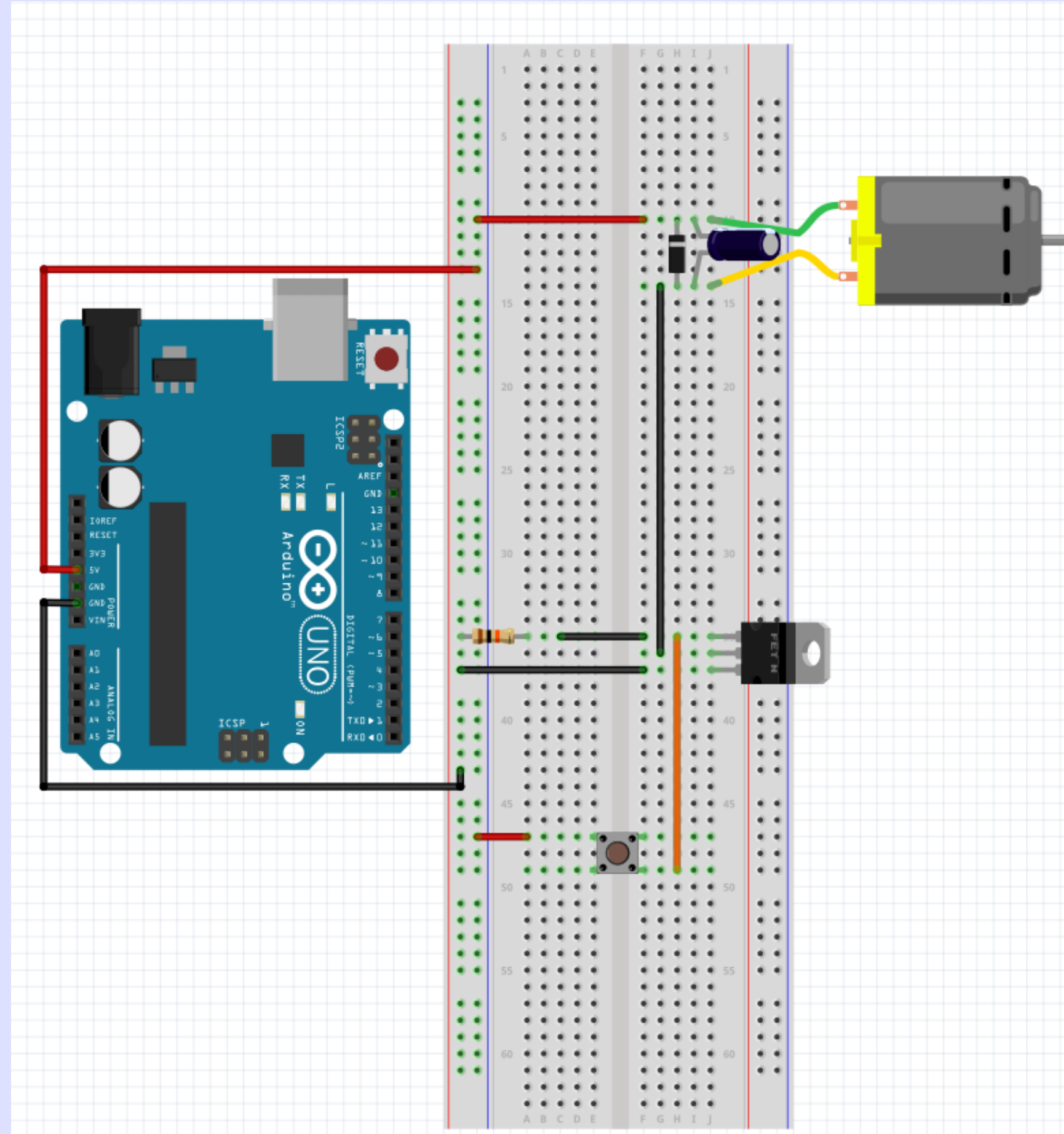


- DC MOTOR CON POTENZIOMETRO
- DC MOTOR CON BOTTONE
- DC MOTOR CON BLINKING LED

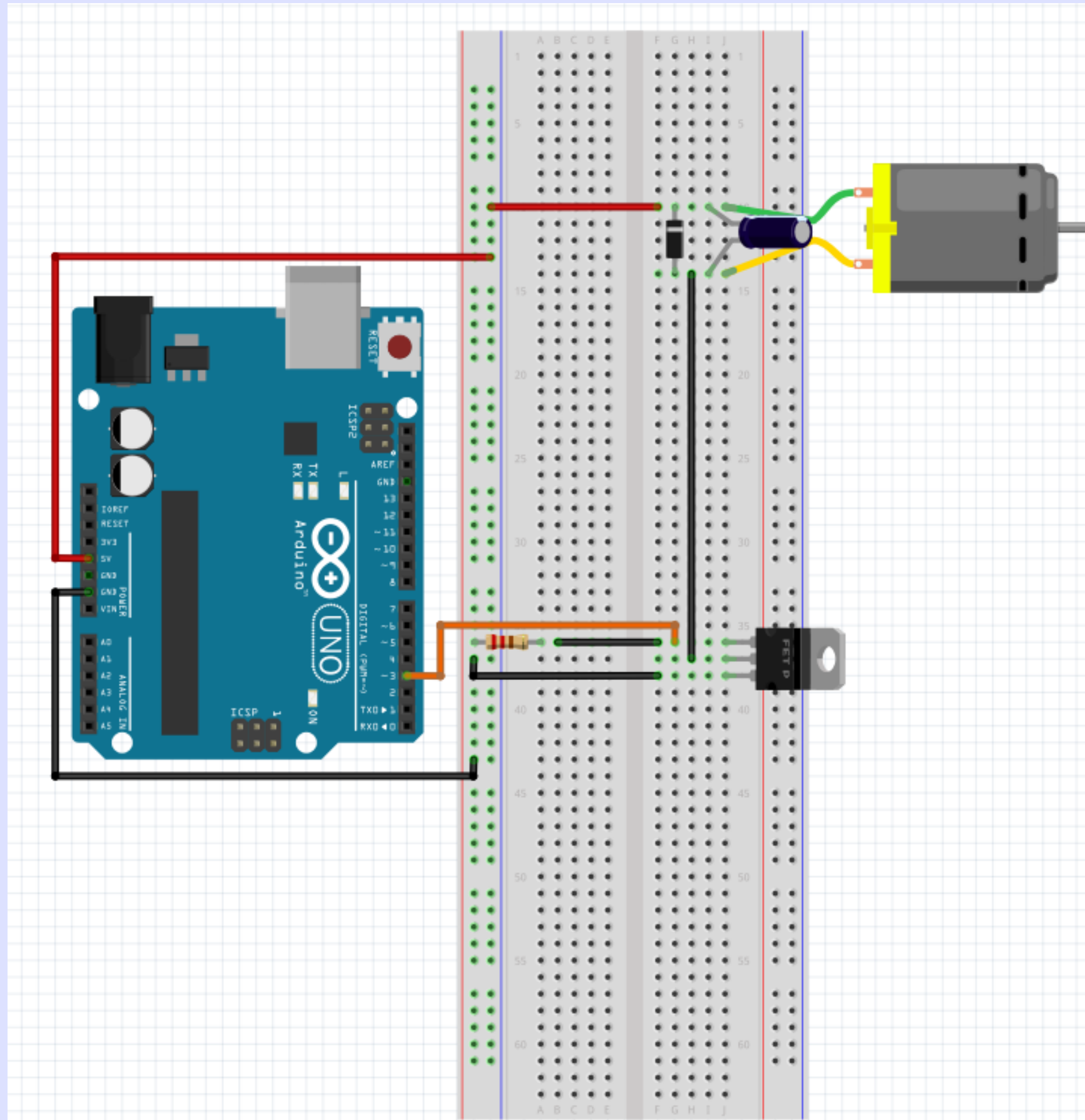
DC MOTOR CON POTENZIOMETRO



DC MOTOR CON BOTTON



DC MOTOR CON BLINKING LED



```
const int motore=3;

void setup() {
  // initialize digital pin
  LED_BUILTIN as an output.
  pinMode(motore, OUTPUT);
}

// the loop function runs over
// and over again forever
void loop() {
  digitalWrite(motore, HIGH);
  // turn the LED on (HIGH is
  // the voltage level)
  delay(1000);           //
  // wait for a second
  digitalWrite(motore, LOW);
  // turn the LED off by making
  // the voltage LOW
  delay(1000);           //
  // wait for a second
}
```

```
int motorPin = 3;
void setup()
{
  pinMode (motorPin, OUTPUT);
  Serial.begin(9600);
  while (! Serial);
  Serial.println("Speed 0 to 255");
}
void loop()
{
  if (Serial.available())
  {
    int speed = Serial.parseInt();
    if (speed >= 0 && speed <= 255)
    {
      analogWrite(motorPin, speed);
    }
    delay(100);
  }
}
```