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|  | 1. Connect the group from the power supply to breadboard 2. The positive goes to 5 volts on the stepper motor driver. 3. Connect the stepper motor connector to the stepper motor driver 4. Now connect IN1, 2, 3 and 4 to Pins 8, 9, 10 and 11 respectively. In the image IN1 is gray, IN2 is blue, IN3 is white and IN4 is maroon. 5. Connect the -ve pin from motor driver to the breadboard 6. From the breadboard connect the -ve to the ground pin on the Arduino Uno. |
| A picture containing electronics, circuit  Description automatically generated | #include <Stepper.h>  const float STEPS\_PER\_REV = 32;  const float STEPS\_PER\_OUT\_REV = STEPS\_PER\_REV;  int StepsRequired;  Stepper steppermotor(STEPS\_PER\_REV, 8, 10, 9, 11);  void setup()  {  // Nothing (Stepper Library sets pins as outputs)  }  void loop()  {  // Rotate CW 1/2 turn slowly  StepsRequired = STEPS\_PER\_OUT\_REV;  steppermotor.setSpeed(1);  steppermotor.step(StepsRequired);  delay(0);  } |
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