Fritzing

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A4988 Single Stepper Test
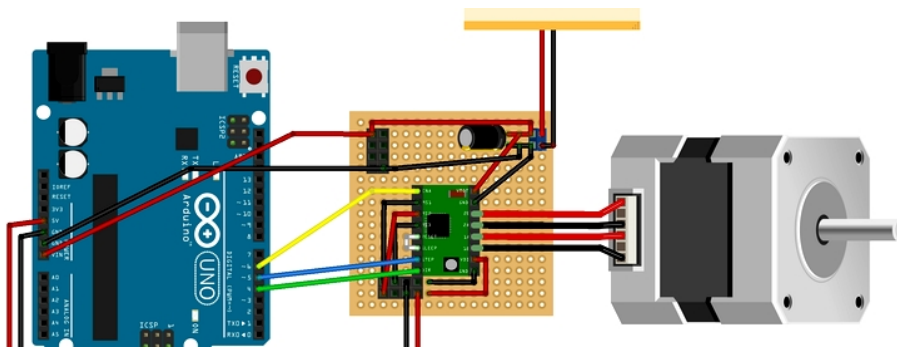
Basic stepper driving using Arduino Uno and Pololu A4988 stepper driver board

int x;

void setup() { pinMode(6,OUTPUT); // Enable pinMode(5,OUTPUT); // Step pinMode(4,OUTPUT); // Dir digitalWrite(6,LOW); // Set Enable low }

void loop() {

digitalWrite(4,HIGH); // Set Dir high

for(x = 0; x < 200; x++) // Loop 200 times { digitalWrite(5,HIGH); // Output high delayMicroseconds(500); // Wait 1/2 a ms digitalWrite(5,LOW); // Output low delayMicroseconds(500); // Wait 1/2 a ms } delay(1000); // pause one second

digitalWrite(4,LOW); // Set Dir low

for(x = 0; x < 200; x++) // Loop 2000 times { digitalWrite(5,HIGH); // Output high delayMicroseconds(500); // Wait 1/2 a ms digitalWrite(5,LOW); // Output low delayMicroseconds(500); // Wait 1/2 a ms } delay(1000); // pause one second }
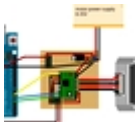
- [fritzing-repo/projects/a/a4988-single-stepper-test/images/P2232233.jpg](#)

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[Bismo07](#) 2 years, 2 months ago

thx for the tutorial

[FeintNightmare](#) 3 years, 10 months ago

thnx :)

[Hunmin Koh](#) 3 years, 10 months ago

1.Download A4988 Stepper Motor Driver.fzpz 2.Open Fritzing, go to Mine tab. 3.Click on a drop down menu icon on the right corner, select Import. 4. Import the downloaded part file.

[FeintNightmare](#) 3 years, 10 months ago

hi can u tell me how I can use this as a part on fritzing? im new here :P

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in [a4988](#), [stepper](#)

last updated 3 years, 11 months ago

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- [Arduino A4988 Single Stepper Wiring.fzz](#)
- [A4988 Stepper Motor Driver Carrier.fzpz](#)
- [pololu_single_stepper_test.ino](#)

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