

# TMC2209 V2.0 Stepper Motor Driver

**Produktkode:** 392aa

**Tilgjengelighet:** 2

**Custom Field 5 (Location):** P29

**Pris: kr. 190,00**

## Short Description

TMC2209 V2.0 Stepper Motor Driver Super Silent Stepsticks Mute Driver Board 256

## Beskrivelse

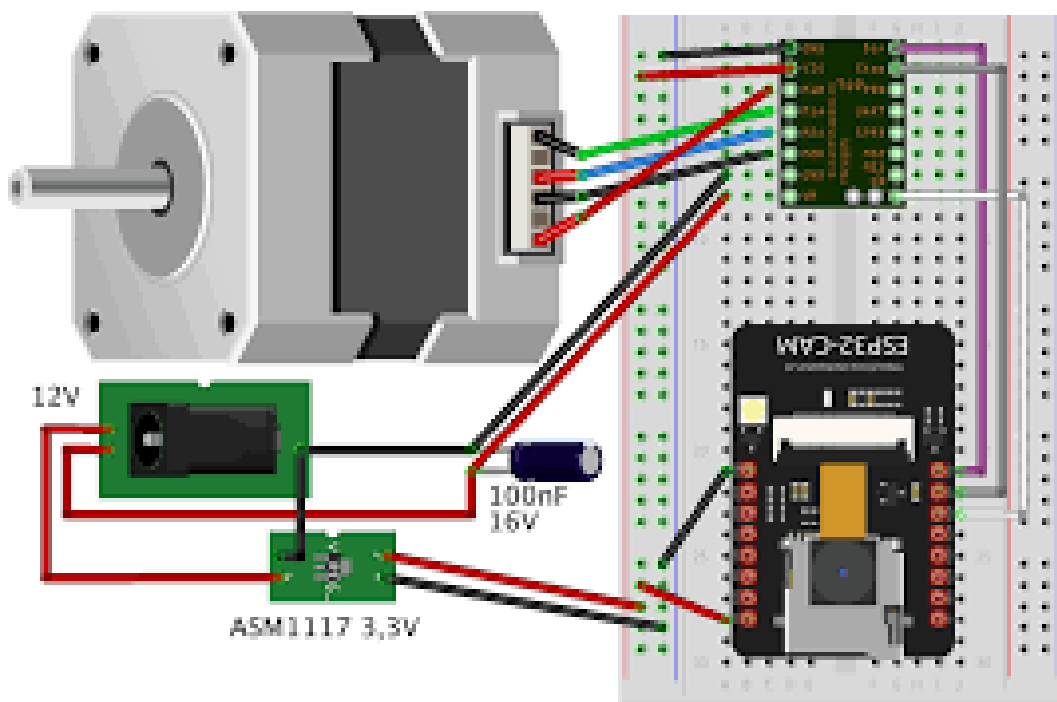
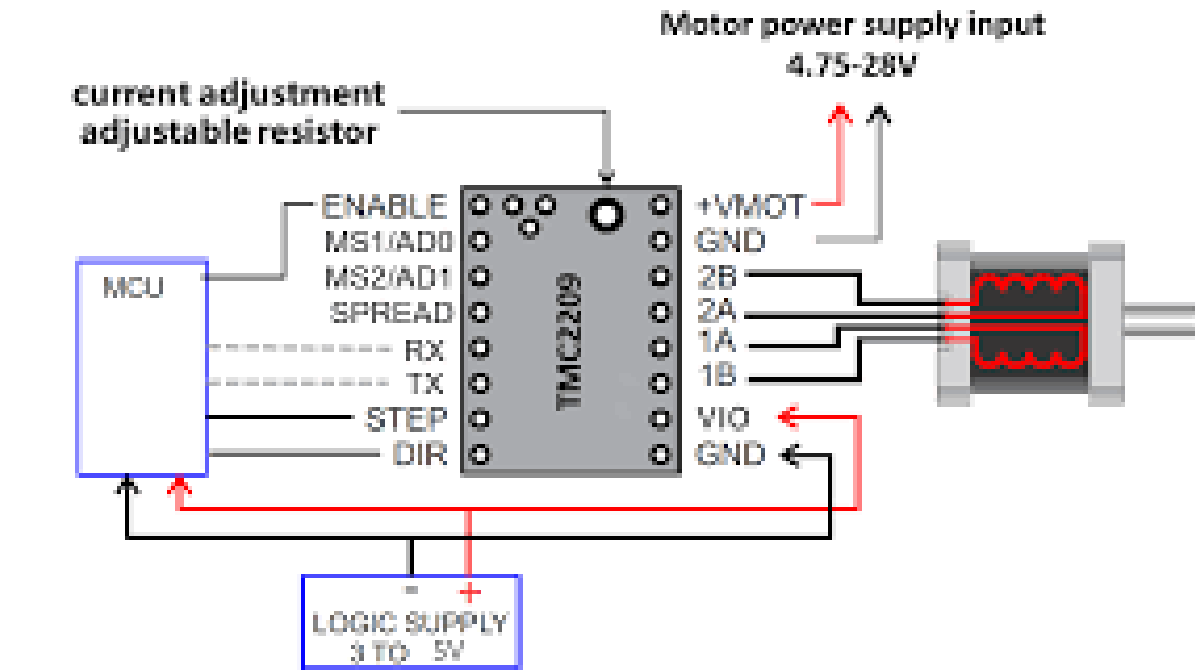
### Features:

- Hardware compatible with StepStick and Pololu A4988
- Drive capability up to 1.7A (RMS) continuous coil current - 2.8A Peak
- Step/Dir interface with microstep interpolation (up to 256 microsteps)
- Configuration via CFG pins or UART interface
- Motor voltage: 5.5~28V
- Logic voltage: 3.3~5V
- RSense: 0.11 Ohm
- StealthChop2 - for quiet operation and smooth motion
- SpreadCycle - highly dynamic motor control chopper (enableable via UART, OTP, CFG Pin)
- CoolStep - current control for energy savings
- StallGuard4 - sensorless motor load detection

### Package included:

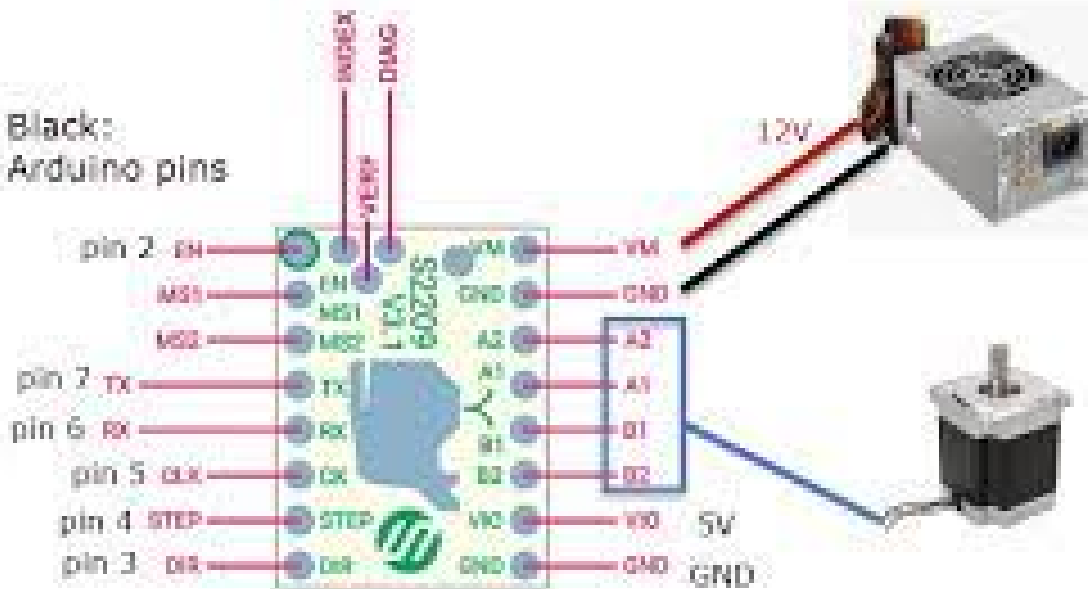
- 1 x TMC2209 Driver
- 1 x Heatsink
- 1 x Screwdriver

## Pinout



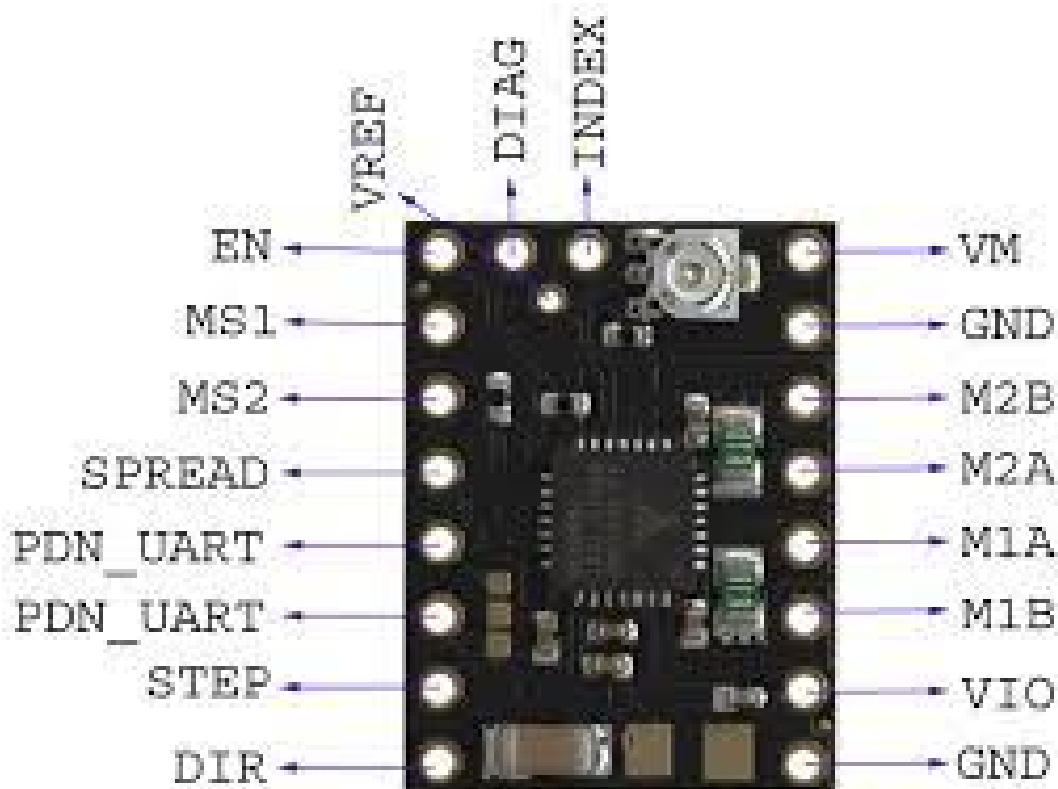
fritzing

Black:  
Arduino pins



```

#define EN_PIN 2 // Enable = PULLUP
#define DIR_PIN 3 // Direction = WHITE
#define STEP_PIN 4 // Step = GRAY
#define SW_CLK 5 // Software Slave Clock (SCN) = BLUE
#define SW_RX 6 // SoftwareSerial receive pin = BROWN
#define SW_TX 7 // SoftwareSerial transmit pin = YELLOW
  
```



Manual

<https://wiki.fysetc.com/Silent2209/#v21-hardware-connection>

## **Product Gallery**