TMC2209 V2.0 Stepper Motor Driver



Produktkode: 392aa
Tilgjengelighet: 2
Weight: 20.00g
Custom Field 5 (Location): P29

Pris: kr. 190,00

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

Beskrivelse
Features:

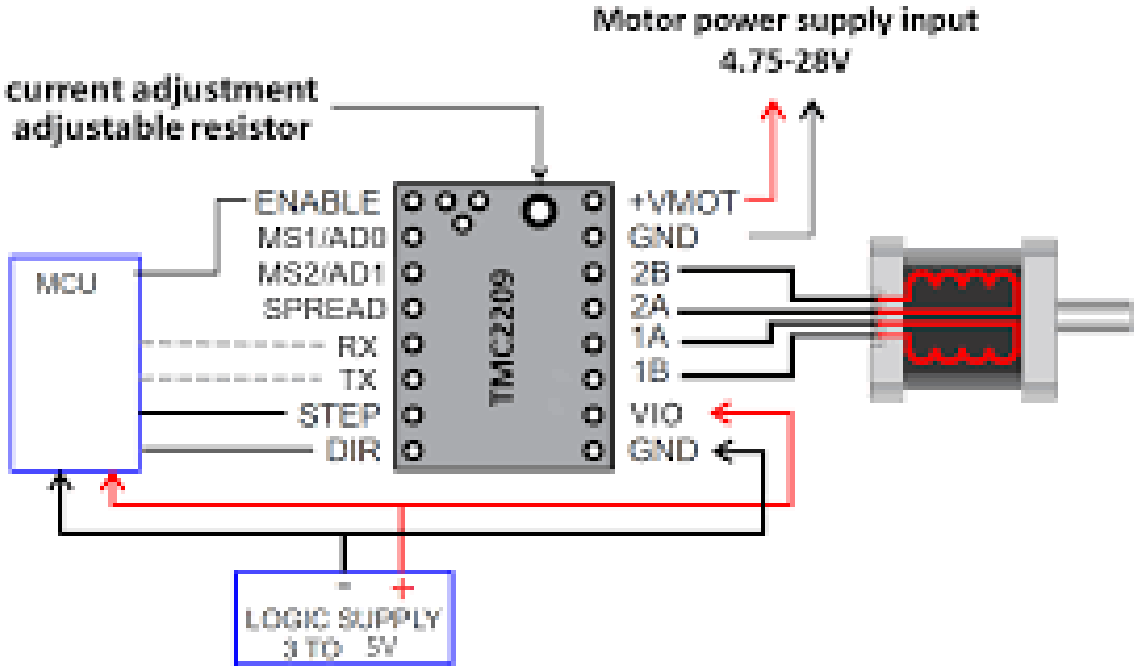
- Hardware compatible with StepStick and Pololu A4988
- Drive capability up to 1.7A (RMS) continuous coil current - 2.8A Peak
- Step/Dir interface with microstep interpolation (up to 256 microsteps)
- Configuration via CFG pins or UART interface
- Motor voltage: 5.5~28V
- Logic voltage: 3.3~5V
- RSense: 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

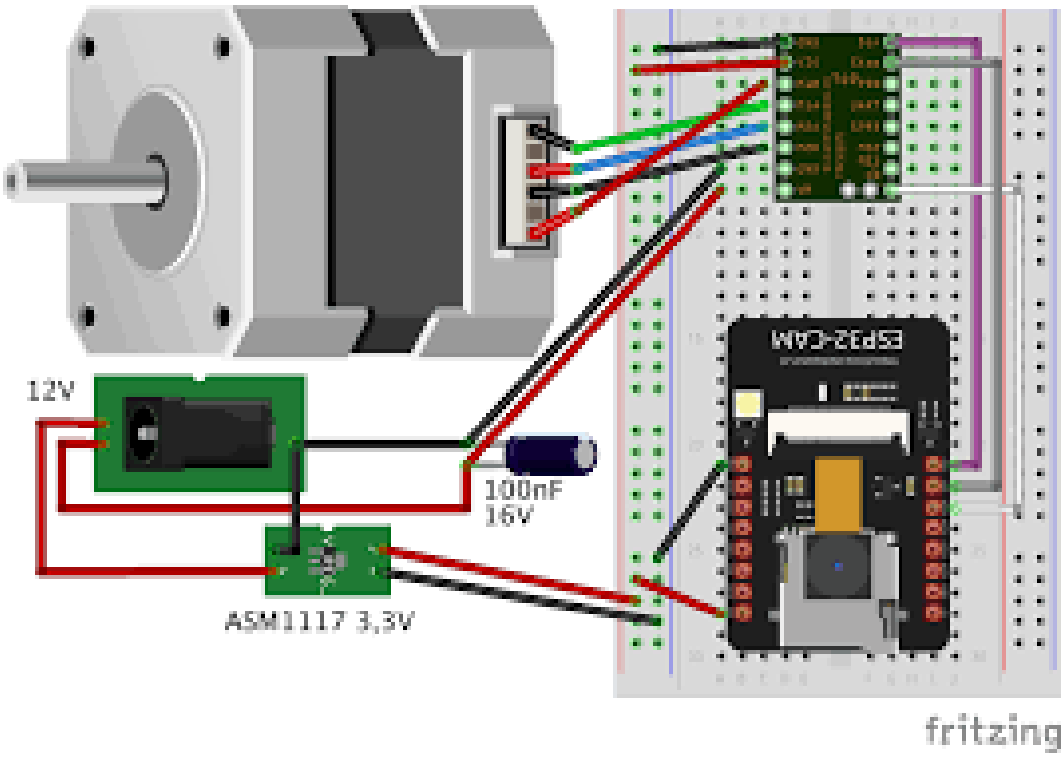
Package included:

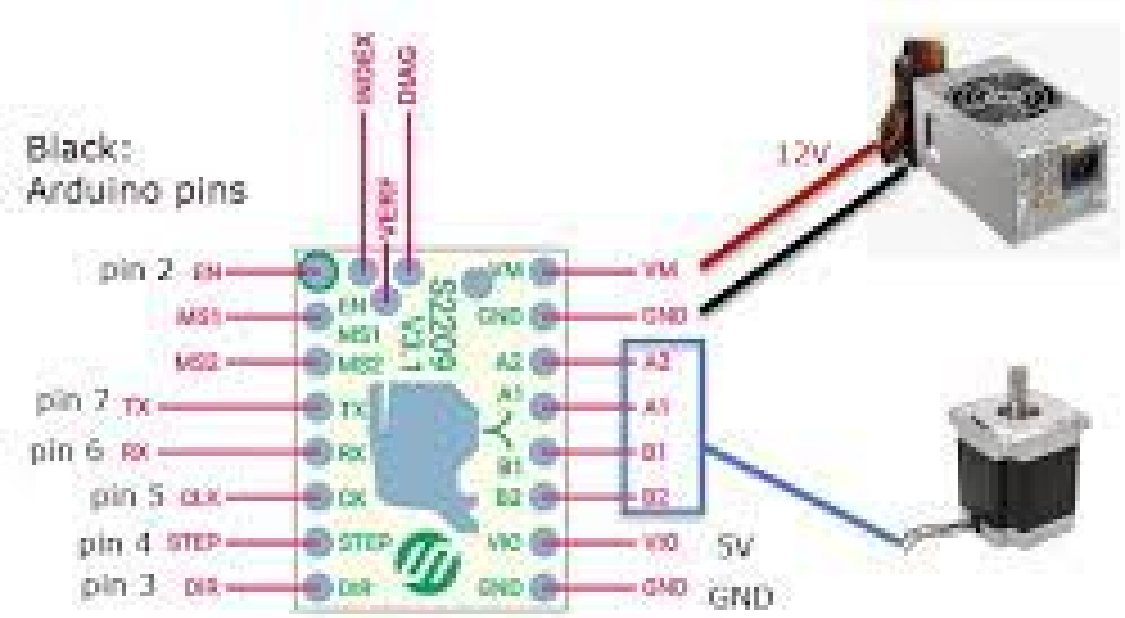
1 x TMC2209 Driver
1 x Heatsink
1 x Screwdriver

Pinout

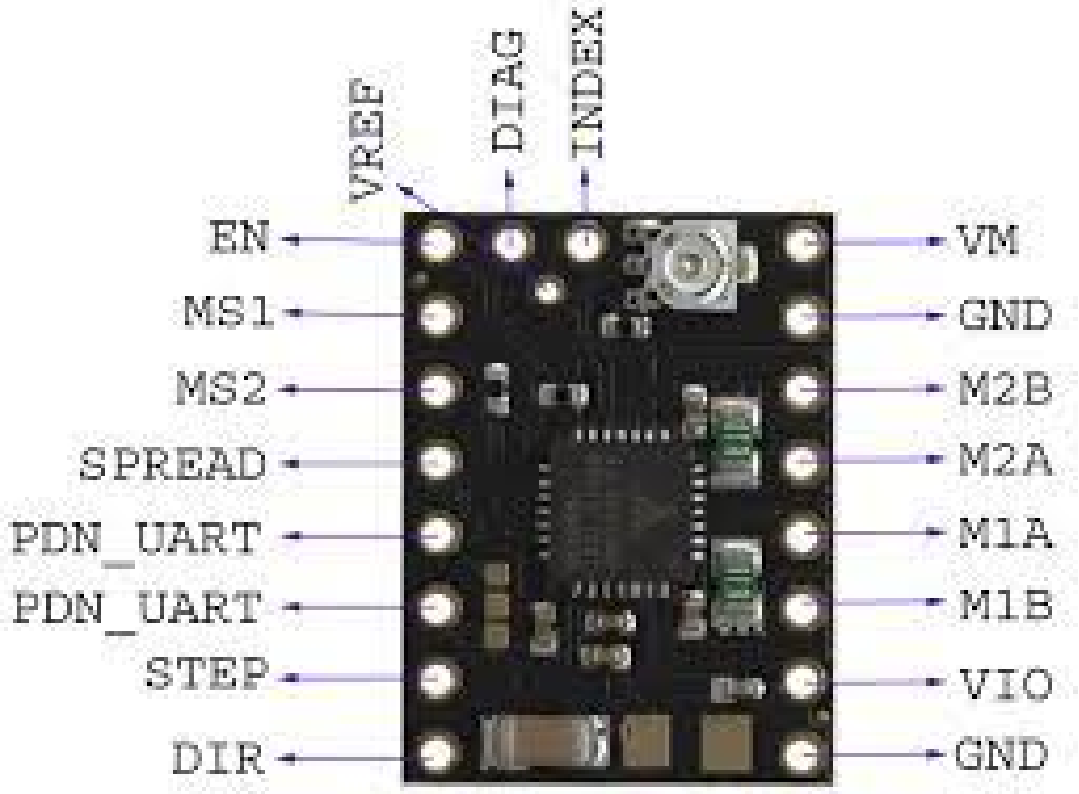
[PDF- Manual]







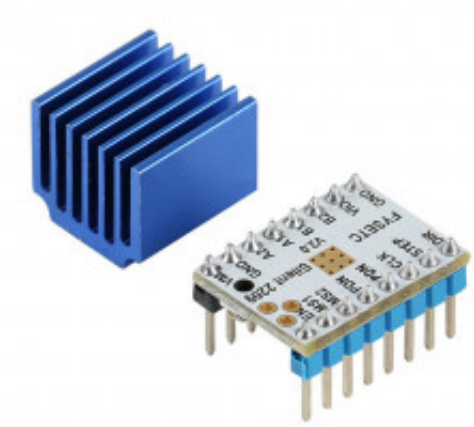

```
#define EN_PIN          2       // Enable - PURPLE
#define DIR_PIN         3       // Direction - WHITE
#define STEP_PIN        4       // Step - ORANGE
#define SW_SCK          5       // Software Slave Clock (SCK) - BLUE
#define SW_TX           6       // SoftwareSerial receive pin - GREEN
#define SW_RX           7       // SoftwareSerial transmit pin - YELLOW
```



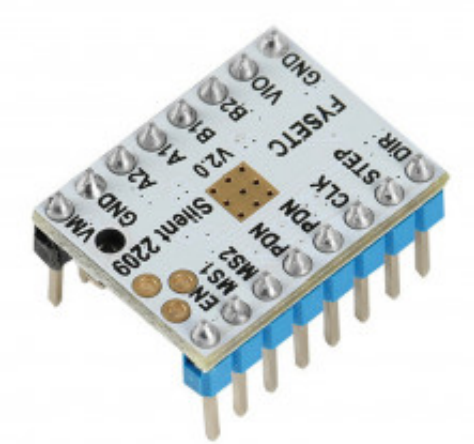
Manual

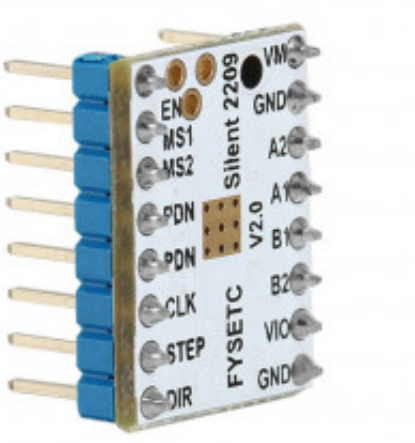
https://wiki.fysetc.com/Silent2209/#v21-hardware-connection

Produktgalleri

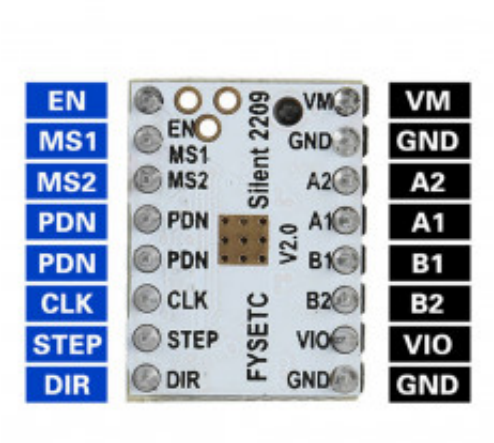













GND
VCC
RESET
DIR
STEP
CLK
PDN
MS1
MS2
EN
Sense
GND
VMOT