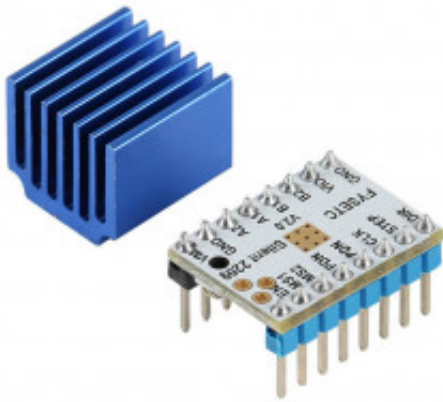


TMC2209 V2.0 Stepper Motor Driver



Produktkode: 392aa
Tilgjengelighet: 2
Lager : P29

Pris: kr. 190,00

Short Description

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

Beskrivelse

Features:

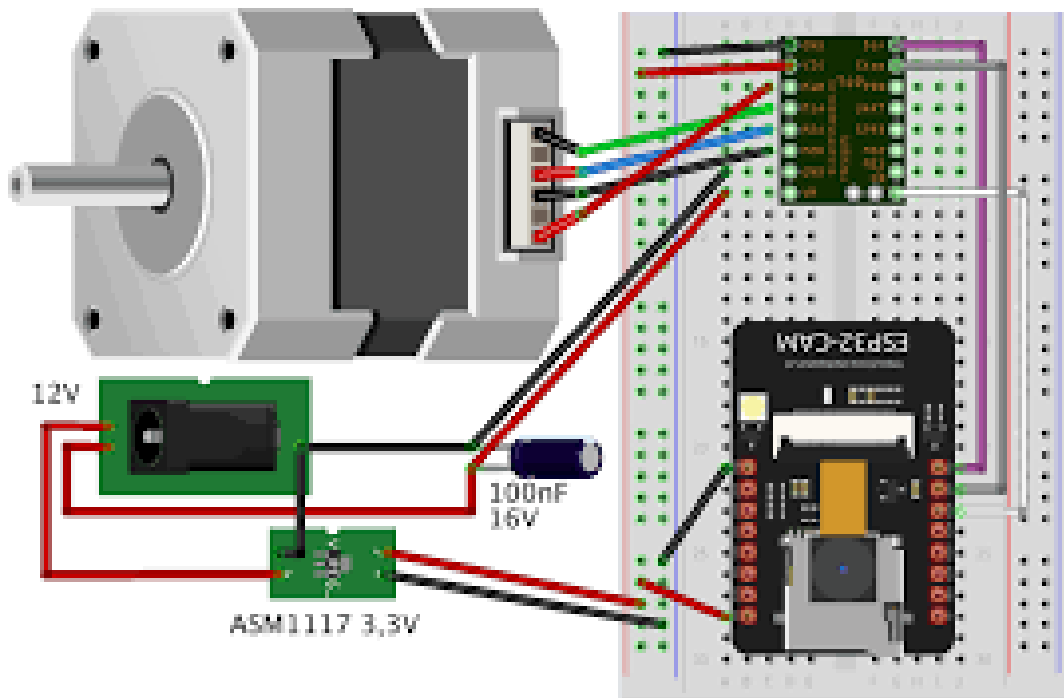
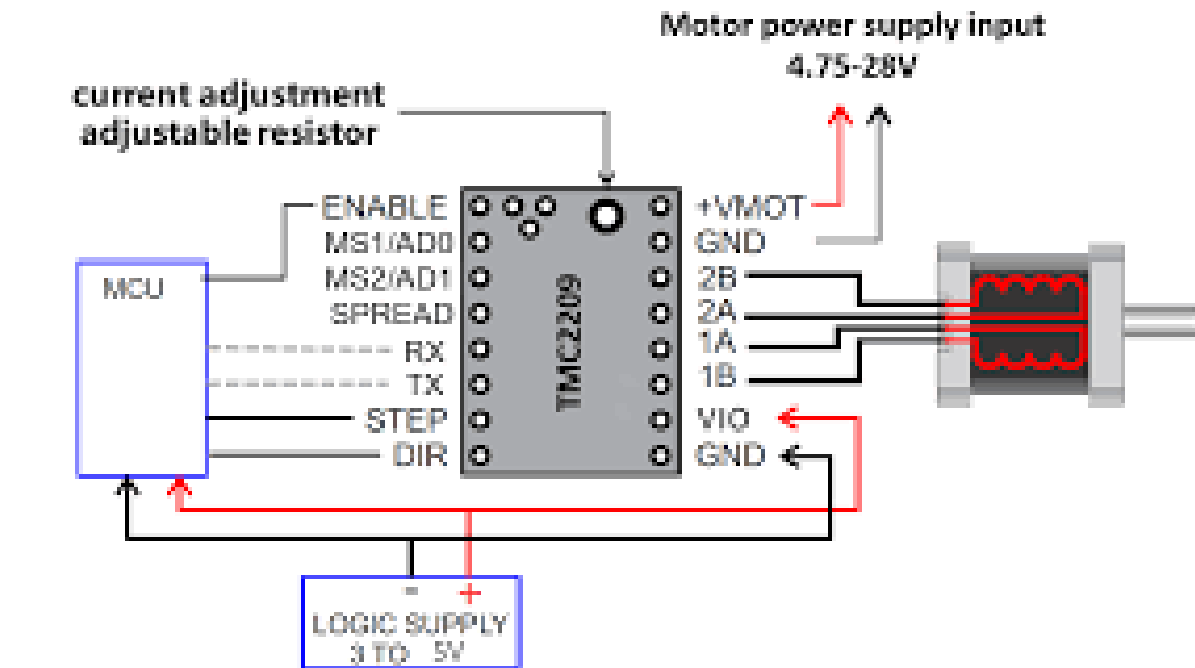
- Hardware compatible with StepStick and Pololu A4988
- Drive capability up to 1.7A (RMS) continuous coil current - 2.8A Peak
- Step/Dir interface with microstep interpolation (up to 256 microsteps)
- Configuration via CFG pins or UART interface
- Motor voltage: 5.5~28V
- Logic voltage: 3.3~5V
- RSense: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

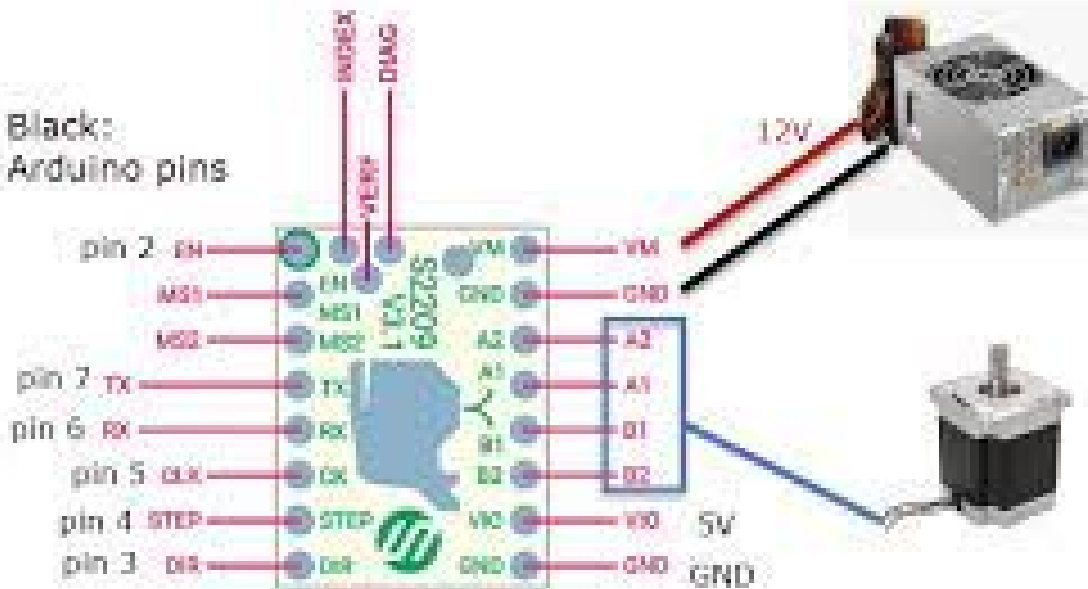
Pinout

[PDF- Manual](#)



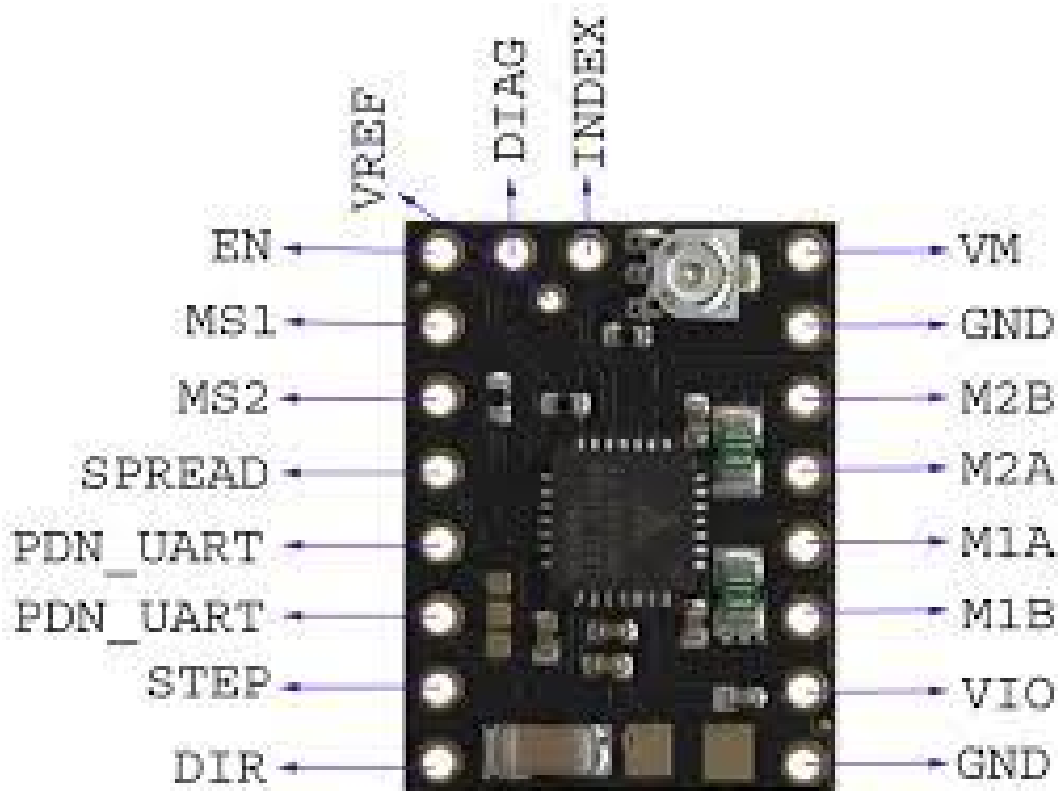
fritzing

Black:
Arduino pins



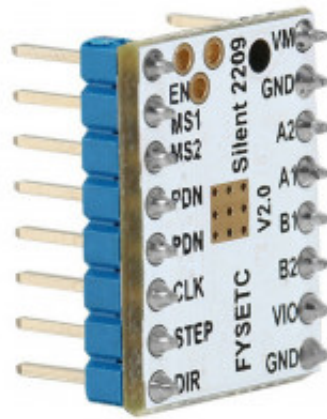
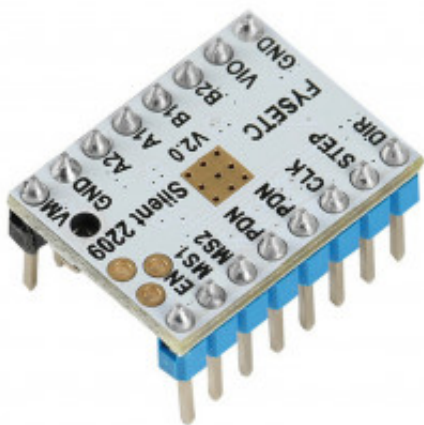
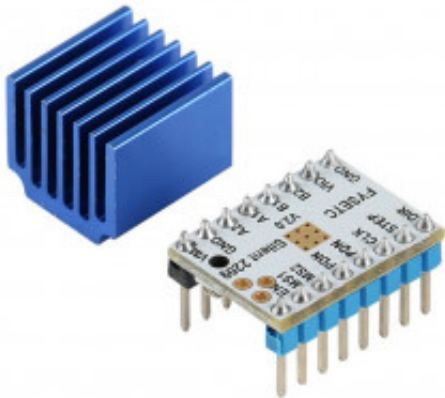
```

#define EN_PIN 2 // Enable = PULSE
#define DIR_PIN 3 // Direction = WHITE
#define STEP_PIN 4 // Step = ORANGE
#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

Product Gallery



EN	EN	VM	VM
MS1	MS1	GND	GND
MS2	MS2	A2	A2
PDN	PDN	A1	A1
PDN	PDN	B1	B1
CLK	CLK	B2	B2
STEP	STEP	VIO	VIO
DIR	DIR	GND	GND

