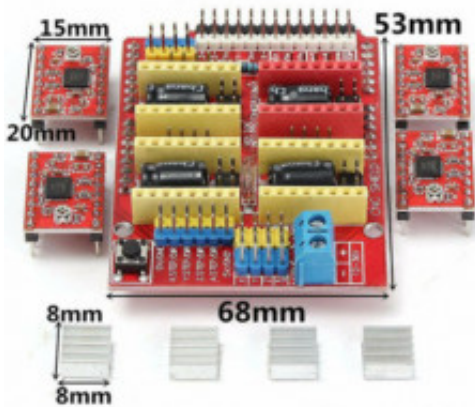


# CNC Shield Arduino



**Produktkode:** 2030

**Tilgjengelighet:** Opp til 1 mnd leveringstid

**Pris:** kr. 160,00

## Short Description

For Arduino V3 3D Printer CNC Shield A4988 Stepper Motor Driver Expansion Board

## Beskrivelse

### Descriptions:

- \*The extension board can be used for engraving machine or 3D printer driver.
- \*Compatible with GRBL 0.8. open-source firmware operated on Arduino UNO, converting G code command into stepping signal.
- \*PWM spindle and direction pin, 4 shaft support (X, Y, Z, A - you can copy X, Y, Z or use pin D12 and D13 customize firmware perform complete shaft 4).
- \*Compact design, stepping motor can connect 4 pin connectors or be soldered.
- \*This is a set of disassembled part, and you need basic soldering skills to solder them together.
- \*With high quality and durable performance.
- \*100% brand new and in good condition.
- \*Color: As pictures show

\*Heat sink dimension: about 8 \* 8mm

CNC expansion board:

\*Version: V3.0

\*Voltage: DC 12V-36V(only DRV8825 driver can handle up to 36V, so please consider voltage for power supply)

\*Board dimension: about 68 \* 53mm

A4988 driver:

\*Thermal shutdown circuit: Yes

\*Cross current protection: Yes

\*Ground fault protection: Yes

\*Short circuit protection: Yes

\*Compatible logic voltage: 3.3V and 5V

\*Five step modes: full, 1/2, 1/4, 1/8 and 1/16

\*Dimension: about 20 \* 15mm

\*Mix with slow current attenuation model.

\*Internal UVLO and low RDS (on) output.

\*Automatic current attenuation mode detection/select.

\*Phase-in rectifier, low power consumption.

**Package including:**

1 \* V3 Extension Board

4 \* Drivers

4 \* Heat Sinks

Note: The real color of the item may be slightly different from the pictures shown on website caused by many factors such as brightness of your monitor and light brightness.

## Info

<http://www.zyltech.com/arduino-cnc-shield-instructions/>

<http://www.zyltech.com/arduino-cnc-shield-instructions/>

<http://qqtrading.com.my/cnc-shield-v3-stepper-motor-controller-a4988-arduino>

<https://www.makerguides.com/a4988-stepper-motor-driver-arduino-tutorial/>

[https://www.youtube.com/watch?v=m1n\\_CQJiO8A](https://www.youtube.com/watch?v=m1n_CQJiO8A)

<https://www.youtube.com/watch?v=kcz1ygh20c0>

<https://www.youtube.com/watch?v=1ioctbN9JV8>

## into video

{source} {/source}

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## Product Gallery

