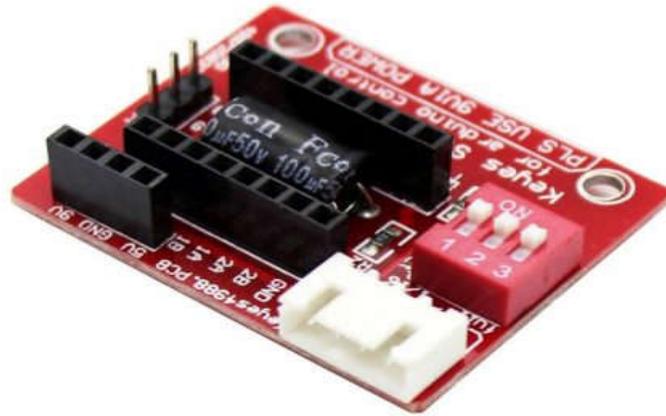# EXPANSION BOARD A4988/DRV8825

- ## DESCRIPTION
  ### A4988/DRV8825 Stepper Motor Control Extension Board

  With this A4988/DRV8825 Stepper Motor Control Extension Board, you can easily control the stepper motors via just 2 digital I/O's. Easy connection of cables via screw-less PC Terminals. Built-in DIP switch for adjusting driving modes and to obtain different rotational speeds.

  Features

  - If jumper is hit the position of ON DP,that means 16 segment (4988) or 32 segment (8825)Jm connected motor

  - Jv connect 5v and 12v-24v power supply

  - Jc E, S, D, G, respectively corresponding to the connection of the Enable/Step/Dir/Gnd drive signal output

  - Can use A4988 / DRV8825, pay attention to the direction when inserting, otherwise it may burn drive.

  - Jumpers hit the ON DP position indicate 16 segments (4988) or 32 segments (8825).

  - Jm is connected to the motor.

Specifications

- Compatible with : DRV8825, A4988, TMC2208, LV8927, TBS109, TMC2100

- Switch for micro stepping configuration

- power supply pins : +5V / +12V /+24V

- Control pins: Enable, Direction, Step

- Compatible with Arduino, Raspberry Pi, Ra

DIP1	DIP2	DIP3	Resolution
Off	Off	Off	Full Step
On	Off	Off	Half Step
Off	On	Off	Quarter Step
On	On	Off	Eight Step
On	On	On	Sixteen Step