AT2100 Stepper Motor Driver



Produktkode: 768aa
Tilgjengelighet: 4
Weight: 0.00kg

Pris: kr. 160,00

Kort beskrivelse
AT2100 Stepper Motor Driver

Beskrivelse
At2100 Stepper Motor Driver Module

Description:

The module has an interface pinout is almost the same with AT2100 stepper motor drive carrier, so that it can be used as a higher performance in a pull-down menu the plates replaced in many applications.

AT2100 features an adjustable current limit, overcurrent and overtemperature protection, six micro-resolution (down 1/32-step).

It uses 8.2 - 45V, can provide up to about 1.5 per phase no heat sink or forced air flow.

Features:

size: 20.45 x15.5 mm

Simple step and direction control interface.

The interface can connect directly with 3.3V and 5V systems.

Support over-temperature thermal shutdown, over-current shutdown and under-voltage lockout.

Support short-to-ground and shorted-load protection.

Six different step resolutions: full-step, half-step, 1/4-step, 1/8-step, 1/16-step, and 1/32-step.

4-layer, 2 oz copper PCB for improved heat dissipation.

Adjustable current control support you to set the maximum current output with a potentiometer, which lets you use voltages above your stepper motor’s rated voltage to achieve higher step rates.

Intelligent chopping control that automatically selects the correct current decay mode (fast decay or slow decay).

45V maximum supply voltage.

Built-in regulator (needed external logic voltage supply).

Package Contains

1x At2100 Stepper Motor Driver Module