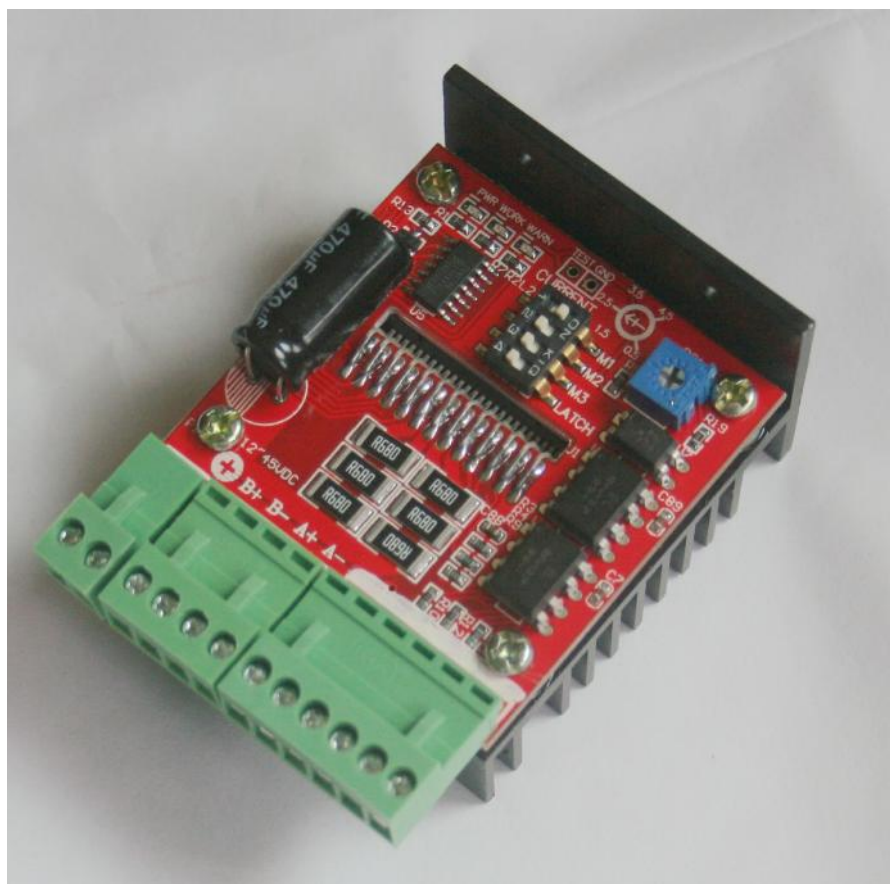

TB6600T1



1.1 Products

1.2 TB6600T1 is the studio's new 6600 single-axis drive, the product is designed to meet the needs of the majority of engraving machine DIY enthusiasts launched economic stepper motor drive kit.

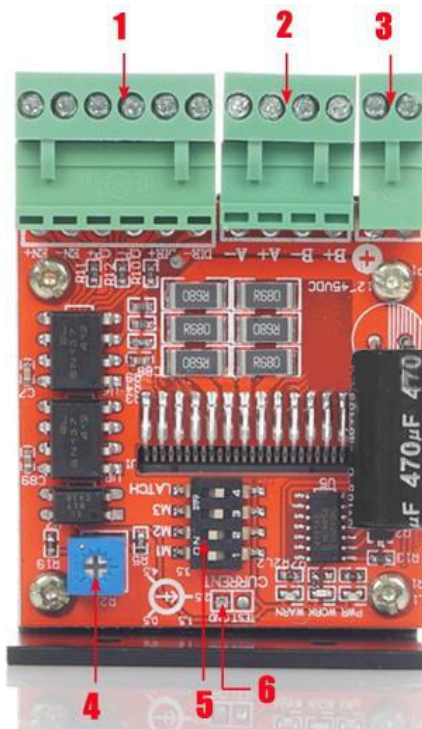
Operating voltage 12 ~ 50V

Chapter II Product Features

For driving the stepping motor. For 2-phase stepper motor type 4.5A or less.

Chapter II Instructions

Figure 2.1
Definitions



1. stepper motor control interface -- left to right is DIR-, DIR+, CP-, CP+, EN-, EN+
2. Stepper motor control interface -- left to right is B-, B+, A-, A+
3. Power supply interface DC 12-50V
4. Potentiometer, current adjustment
5. Drive mode switch M1~M3, function is subdivision adjustment
- LATCH function, automatic reset or reset by hand when it appears error.
6. Touch spot of current detection.

- 1 is power supply input interface, as is shown in the picture 3, left is GND, right is VCC. Input voltage is 12~50 V.
- STEP DIRVER PORT is interface of step motor, definition B+, B-, A+, A- from left to right.
- CTR PORT is interface of inputting control, definition DIR-, DIR+, STEP-, STEP+, EN-, EN+ from left to right.
- MOD SW is switch of selecting work mode, as picture 3, definition M1, M2, M3, LATCH from up to down. They control subdivision and reset mode (you should use reset mode when subdivision produce error.)

M1	M2	M3	MOD
OFF	OFF	OFF	Free, motor unlocked
OFF	OFF	ON	1 subdivision
OFF	ON	OFF	A mode 1/2 subdivision
OFF	ON	ON	B mode 1/2 subdivision
ON	OFF	OFF	1/4 subdivision
ON	OFF	ON	1/8 subdivision
ON	ON	OFF	1/16 subdivision
ON	ON	ON	free, motor unlocked

• **Attention:**

As picture 3, switch dial to left is OFF, switch dial to right is ON.

• **LATCH:**

ON: automatic recovery mode, OFF: recovery mode by hand.

- CURRENT is a potentiometer of adjusting current, clockwise rotate can reduce to the min 0.5A, anticlockwise rotate can increase to the max 4.5A.