

TWO-PHASE STEPPER MOTOR DRIVER



The TB6600 stepper motor driver is a versatile and efficient module designed to drive a wide range of stepper motors.

With its ease of use and robust design, the TB6600 is a preferred driver module for hobbyists, makers and engineers alike. It is used in CNC machines, 3D printers, laser engraving and other automated projects that require precise control of motor movements.

Easy-to-use DIP switches allow for quick configuration of microstep resolution and current.

MAIN FEATURES

Model	TB6600
Special feature	DIP switch configuration
Dimensions	97 x 71 x 28 mm
Weight	123 g
Items delivered	TB6600 motor driver

FURTHER SPECIFICATIONS

Output Current	0.5 - 4.0 A
Voltage	9 - 42 VDC
Subdivision range	200 - 6400 ppr
Puls frequency	0 - 50 kHz
Signal input	Single-ended, pulse / direction, 5 - 24 VDC level compatible (isolated)
Protection function	Overcurrent protection, overvoltage protection, undervoltage protection
Compatible with Joy-IT stepper motor	NEMA08-01, NEMA08-02, NEMA08-03, NEMA08-05HS, NEMA11-02, NEMA14-02, NEMA14-02, NEMA17-01, NEMA17-02, NEMA17-03, NEMA17-04, NEMA17-05GM, NEMA17-06, NEMA17-07GM, NEMA17-08GM, NEMA23-02, NEMA23-03, NEMA23-05, NEMA-FLAT01, NEMA-FLAT02

FURTHER DETAILS

Article No.	SBC-MD-TB6600
EAN	4250236827148
Customs Tariff No.	84733020

JOY-IT

SW6
SW5
SW4
SW3
SW2
SW1

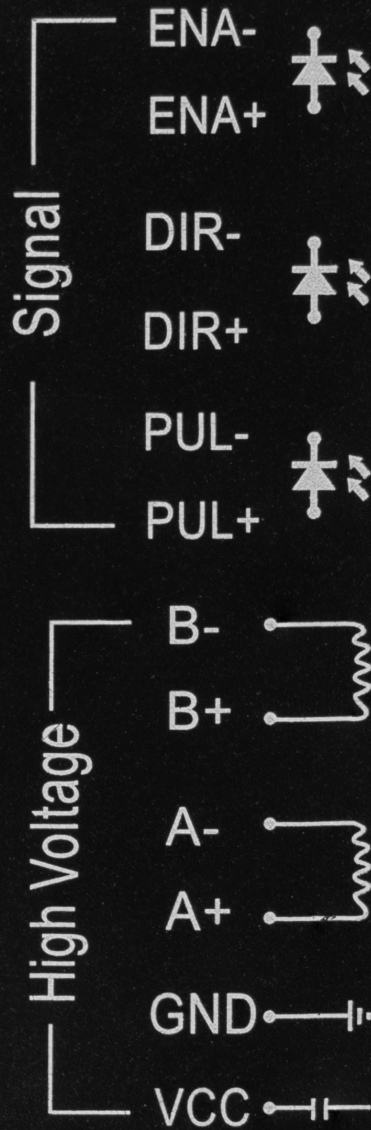
SBC-MD-TB6600

Joy-IT powered by
SIMAC Electronics GmbH
Pascalstr. 8, D-47506 Neukirchen-Vluyn

Microstep	Pulse/rev	S1	S2	S3
NC	NC	ON	ON	ON
1	200	ON	ON	OFF
2/A	400	ON	OFF	ON
2/B	400	OFF	ON	ON
4	800	ON	OFF	OFF
8	1600	OFF	ON	OFF
16	3200	OFF	OFF	ON
32	6400	OFF	OFF	OFF

Current(A)	PK Current	S4	S5	S6
0.5	0.7	ON	ON	ON
1.0	1.2	ON	OFF	ON
1.5	1.7	ON	ON	OFF
2.0	2.2	ON	OFF	OFF
2.5	2.7	OFF	ON	ON
2.8	2.9	OFF	OFF	ON
3.0	3.2	OFF	ON	OFF
3.5	4.0	OFF	OFF	OFF

PWR/ALARM



DC:9~42VDC

www.joy-it.net