
Descriptions

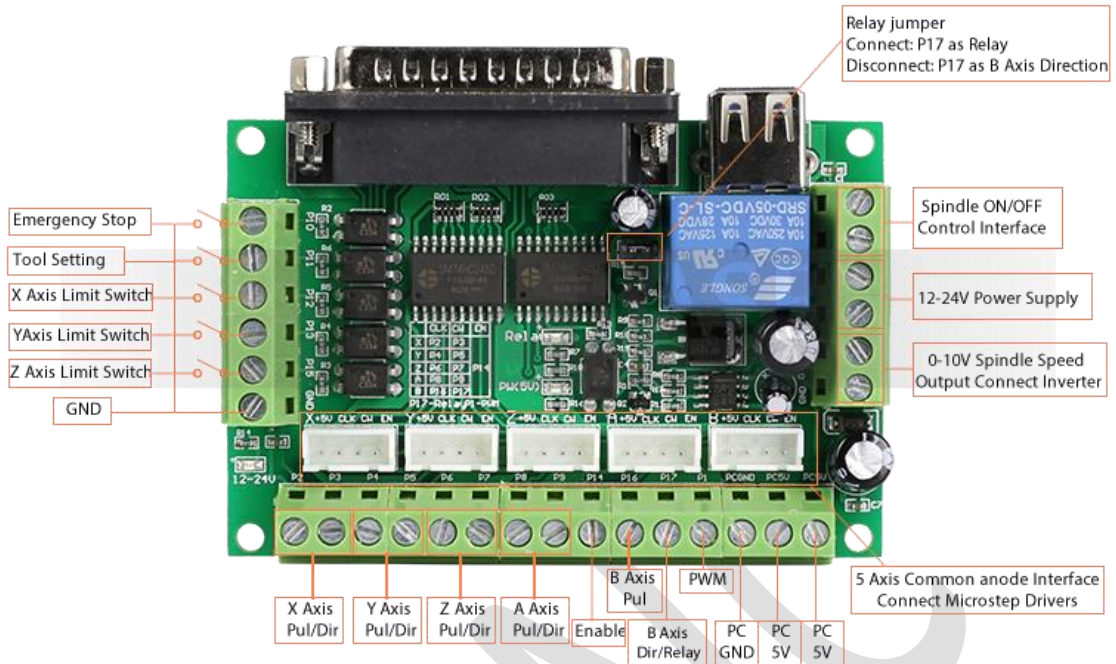
The latest upgraded 5 axis breakout board is specially designed for the CNC single axis 2-phase stepper driver controller. The breakout board using high-performance three-state bus driver 74HC244 and Schmitt inverter 74HC14. amplified, The input signal is amplified, rectified, filtered to make the drive capability of the output signal more stable and stronger. With this 5 axis breakout board, any 1-5 Microstepper driver controllers can be directly controlled by the PC via the MACH3, EMC2, etc.
parallel-control CNC software.

Features

High performance, cost-effective.
Maximum support [5-axis](#) stepper motor driver controllers.
Compatible with MACH3, Linux CNC (EMC2) etc. parallel-control CNC software.
USB power supply and peripherals powered phase are separated to protect computer security.
[All the signals are opto-isolated](#) which can protect your computer security.
[5-input interface](#) to define the Limit, Emergence-Stop, Cutter alignment etc.
Wide input voltage range: 12-24V, and with anti-reverse function.
[One relay output control interface](#), accessed by the spindle motor or the air pump, water pump, etc.
Compatible with all the [2 phase](#) microstep drivers in the market.
[Output 0-10V analog voltage](#) for inverter to control the spindle speed.
Shape Pulse and direction signals. Data transfer speeds of up to 10MBit/S.
Amplification, filtering, enhancement processing drivers enable signal.

Applications

Suitable for a wide range of 2-phase microstep drivers in the market, such as [M542](#), [M542H](#), [MA860H](#), [2MA2278](#), [2M542](#), [2M860](#) etc.
For advising, such as brand, architecture mould, badge, nameplate, display boards, doorplate, furniture decoration, etc.
It can be used in various kinds of machines, such as X-Y tables, labeling machines, laser cutters, engraving machines, pick-place devices, and so on.
This breakout board is just a interface board, NOT a stepper driver board, it must work together with the microstep drivers(eg. MA860H) control the stepper motors. So, it CANNOT control the stepper motors solely.



JBC