

STB5100 Wiring Diagram

for MACH3 Software

STB5100 Controller

Limit/Home Switches

Power Supply

RYC TB6600-T4 4 Axis
stepper motor driver board

Probe

E-Stop

VFD/Inverter

STB5100 CNC Controller

NEVER connect or disconnect any wire while
power is applied.

ALWAYS disconnect power before making any
connections or disconnections.

The STB5100 plugin for MACH3 Software does not allow for a slave axis. In order to
overcome this limitation simply wire the A Axis Driver to the Y Axis on the Controller as
shown. The Y Axis is wired as normal. In this way the A Axis is hard wired as a
mirrored clone of the Y Axis.

X, Y and Z axis use the Plug in Connectors. A Axis uses the screw-in terminals.

E&OE.

This diagram is for reference only. Prior to making any
actions read all manufacturer documentation and do your
own research. All wiring is to be done by a qualified person.
Failure to follow manufacture directions may result in electric
shock and may void any warranty.



CAUTION:

Mains to be connected
by qualified person

