

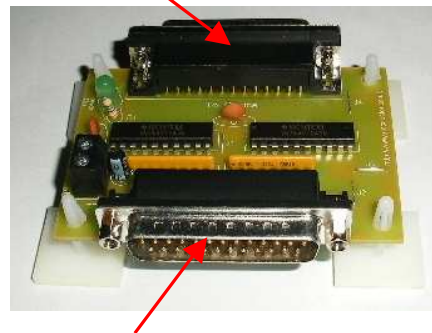
LPT Buffer Board

Features:

- This board is perfect for parallel ports that work at 3.3v and/or deliver a lower amperage signal because it boosts the output signals to 5v at 24mA.
- The LPT Buffer board can be used for supplying opto-isolated boards that require a 5v supply. This reduces the load on the parallel port because you only need a low input signal current to control this board. You need to supply the LPT buffer using a 5V USB port from the PC.
- Buffered output pins
1,2,3,4,5,6,7,8,9,14,16,17
- Un-buffered input pins
10,11,12,13,15 (the inputs are directly connected to the parallel port pins).
- You can also connect this board to standard breakout boards to enable them to be buffered.
- TTL 3.3V or 5V input signals provide an output of 5V @ 24mA.
- Now laptops can be used to control your CNC machine.



Output to your device. 25Pin Female connector.



Parallel port Input 25Pin Male Connector.

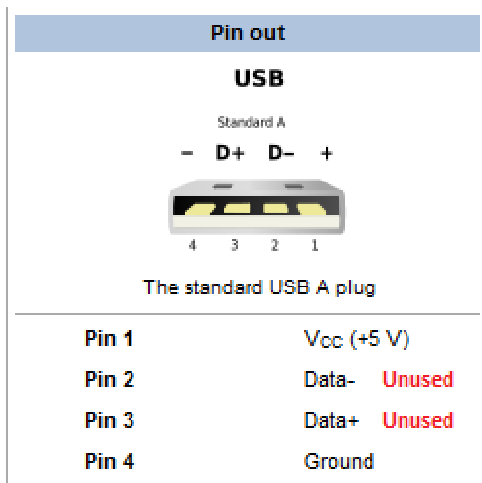


Power On LED

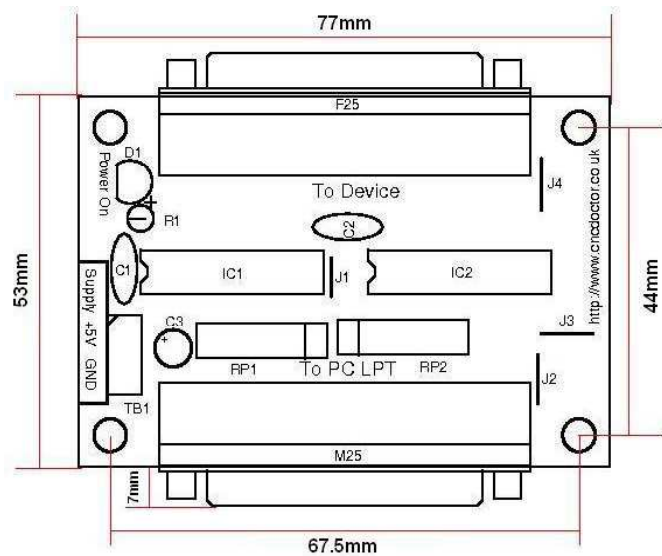
Supply TB1 with a 5V from your USB port.
Note: See Fig.1 On page 2.

Maximum output voltage	5V DC
Typical output current	+/-24mA
Input Logic high Max	5V
Input Logic low Max	0.8V
On-state input voltage range	2V to 5V DC
Continuous output current	+/-50mA
Typical signal delay	Approximately 11ms
Polarity protection	None

Fig.1. (USB) Universal Serial Bus connections: -



Approximate PCB dimensions in millimetres: -



Disclaimer

Caution cnc machines are very dangerous in the wrong hands; CNC doctor is not liable for any accidents caused by improper use or incorrect connection of our devices. It is up to the operator to maintain his/her Health & Safety. We will not be responsible for damage to the parts of a cnc machine, robot etc. by the incompetents of the user. Devices from CNC doctor are not to be used on anything for life support. The products described here are manufactured under one or more U.K patents or patent pending CNC doctor reserves the right to manufacturer this product. Before placing an order, the user is cautioned to verify that information herein is current and believed to be accurate and reliable. Please look at our terms & conditions on our website (<http://www.cncdoctor.co.uk>) before you purchase this item.