CNC4PC C72 Differential Line Driver User Manual

Contents

1 CNC4PC C72 Differential Line Driver
2 OVERVIEW
3 FEATURES
4 BOARD DESCRIPTION
5 PINOUT
6 WIRING DIAGRAMS
7 DIMENSIONS
8 Documents / Resources
9 Related Posts

CNC4PC C72 Differential Line Driver

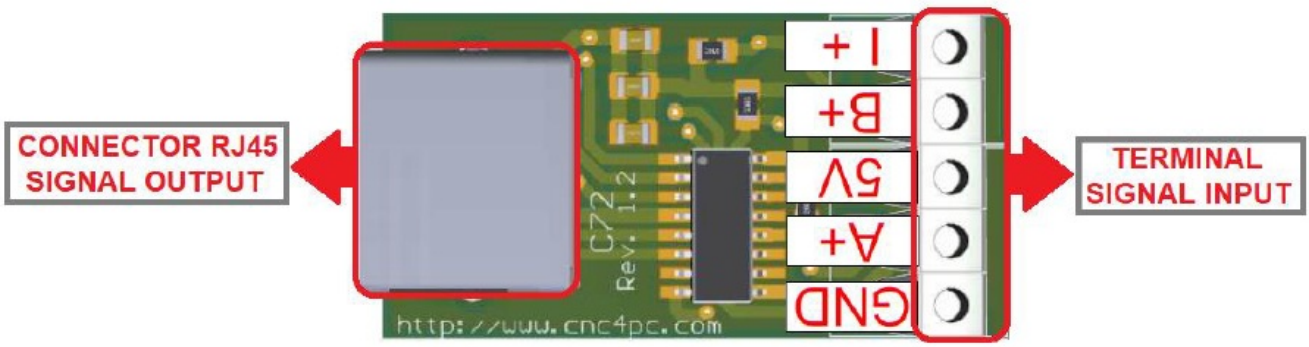
OVERVIEW

This board converts single ended signals to differential signals.

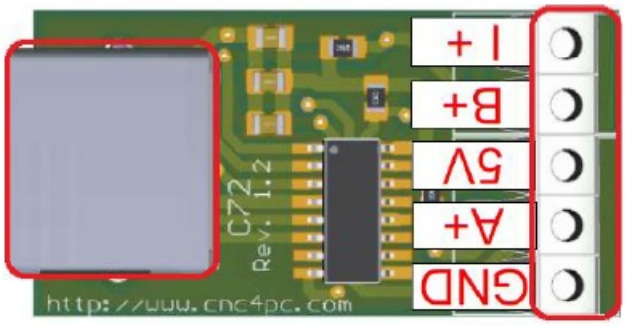
FEATURES

- Converts single ended A, B and Index channel lines to Differential A, _A, B, _B, Index, _Index lines.
- RJ45 connectors for easy connection with standard Patch cables.
- High noise immunity of incoming lines from the Board.
- Push-Lock connections for all terminals.

BOARD DESCRIPTION



PINOUT



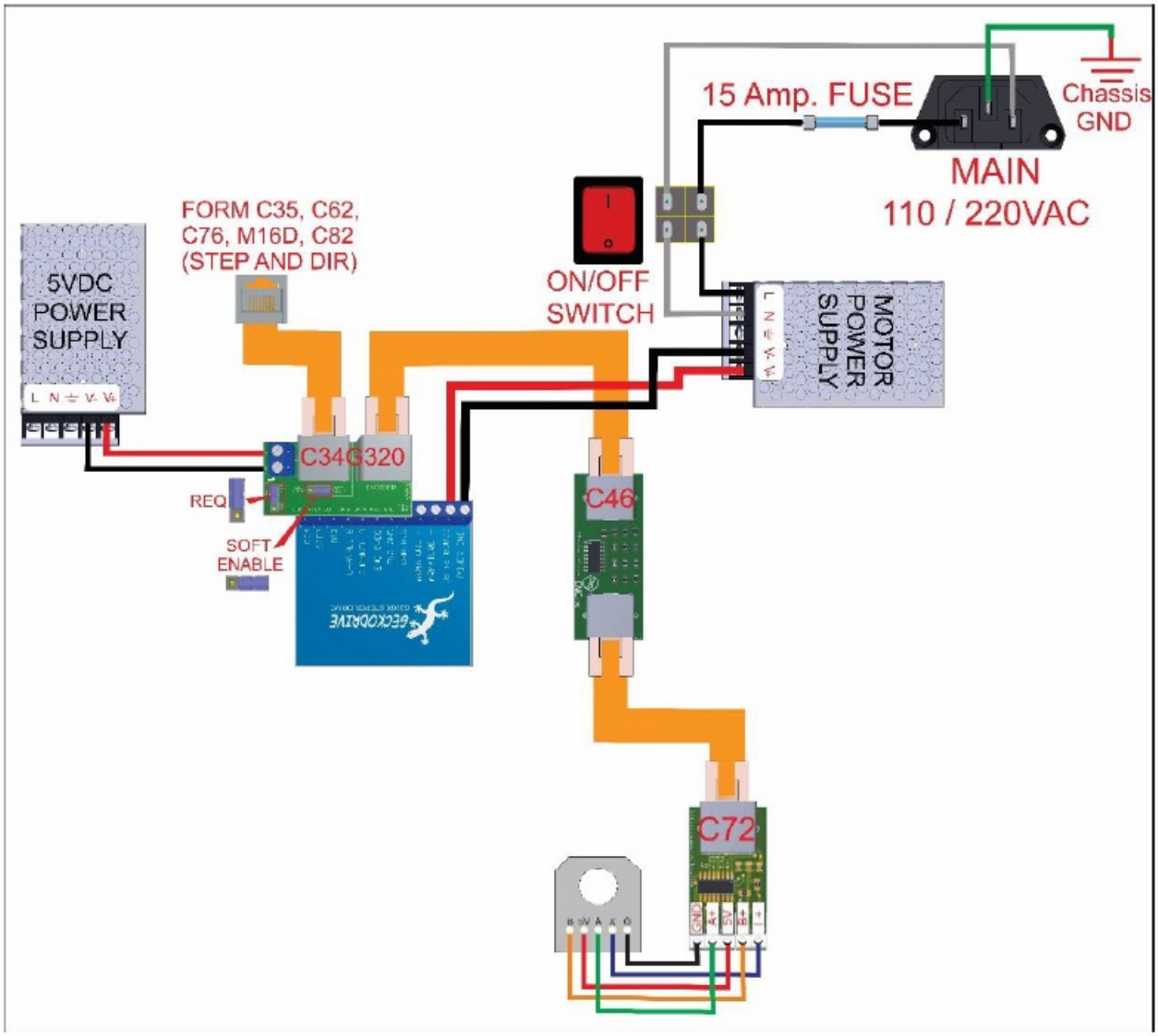
Connector RJ45

RJ45 Signal Output	
RJ45 PIN	**Function**
1	GND
2	5V
3	Index –
4	Index +
5	A Channel –
6	A Channel +
7	B Channel –
8	B Channel +

Terminal

TERMINAL SIGNAL INPUT	
Terminal PIN	**Function**
1	GND
2	A Channel
3	5V
4	B Channel
5	I Index

WIRING DIAGRAMS



C72

C72 SIGNAL OUTPUT. RJ45	
RJ45 PIN	FUNCTION
1	GND
2	5V
3	Index -
4	Index +
5	A Channel -
6	A Channel +
7	B Channel -
8	B Channel +

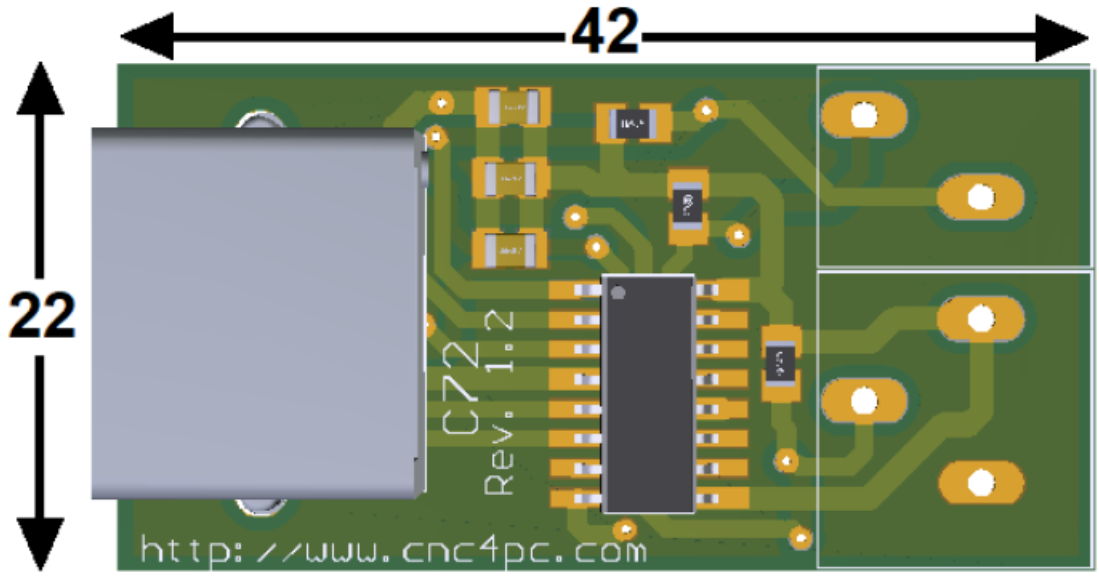
C34G320 STEP & DIR

C34G320 Step and Dir. RJ45	
RJ45 PIN	FUNCTION
1	NOT USED
2	STEP
3	NOT USED
4	GND
5	ERR/RES
6	DIR
7	NOT USED
8	5V

C34G320 ENCODER

C34G320 ENCODER. RJ45	
RJ45 PIN	FUNCTION
1	GND
2	5V
3	NOT USED
4	NOT USED
5	NOT USED
6	A Channel
7	NOT USED
8	B Channel

DIMENSIONS



All dimensions are in Millimeters.

DISCLAIMER:
Use caution. CNC machines can be dangerous machines. Neither DUNCAN USA, LLC nor Arturo Duncan are liable for any accidents resulting from the improper use of these devices. This product is not a fail-safe device and it should not be used in life support systems or in other devices where its failure or possible erratic operation could cause property damage, bodily injury or loss of life.

Documents / Resources

	CNC4PC C72 Differential Line Driver [pdf] User Manual C72 Differential Line Driver, C72, Differential Line Driver, Line Driver

Manuals+.