# CNCCAT

Pin Connections for:

Stepper Motor Driver 5 Axis Breakout Interface Board

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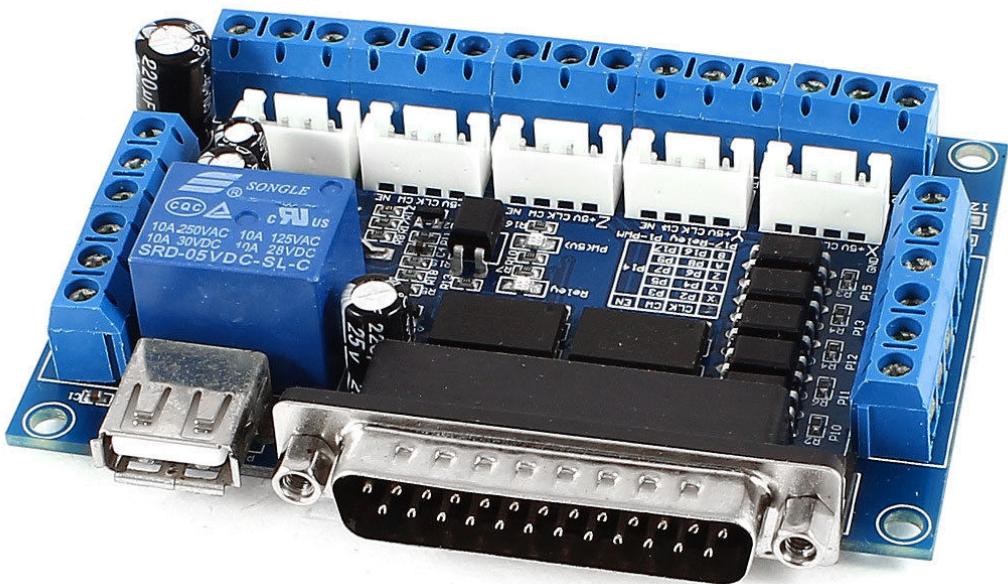
Break out board View:
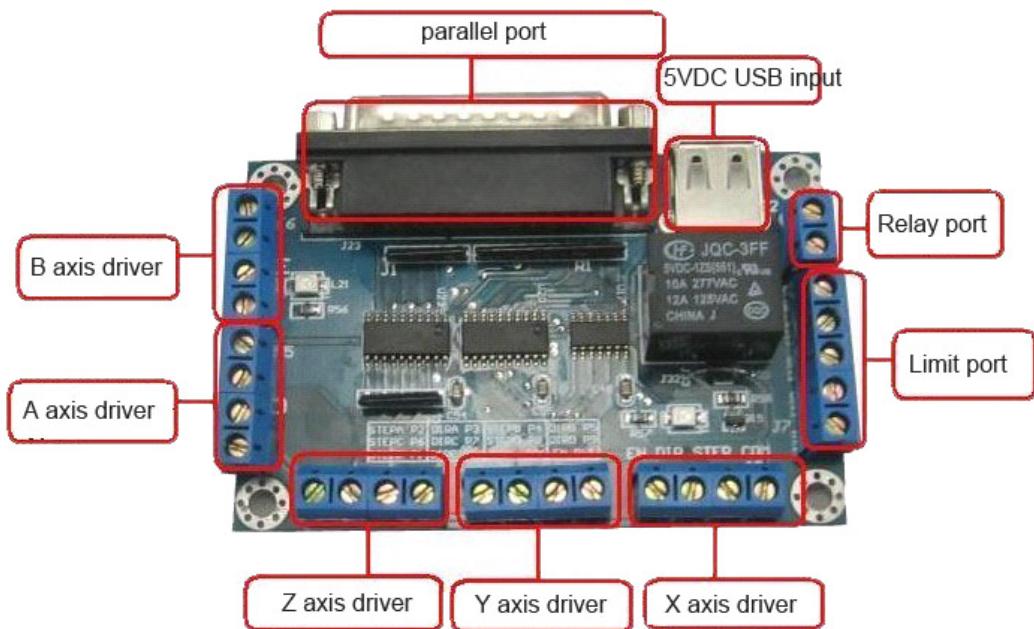
**Connection between break out board and drivers:**

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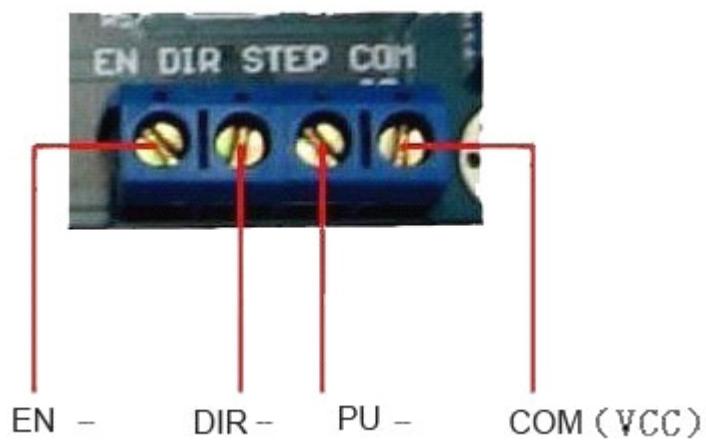
Limit switch port connection connection
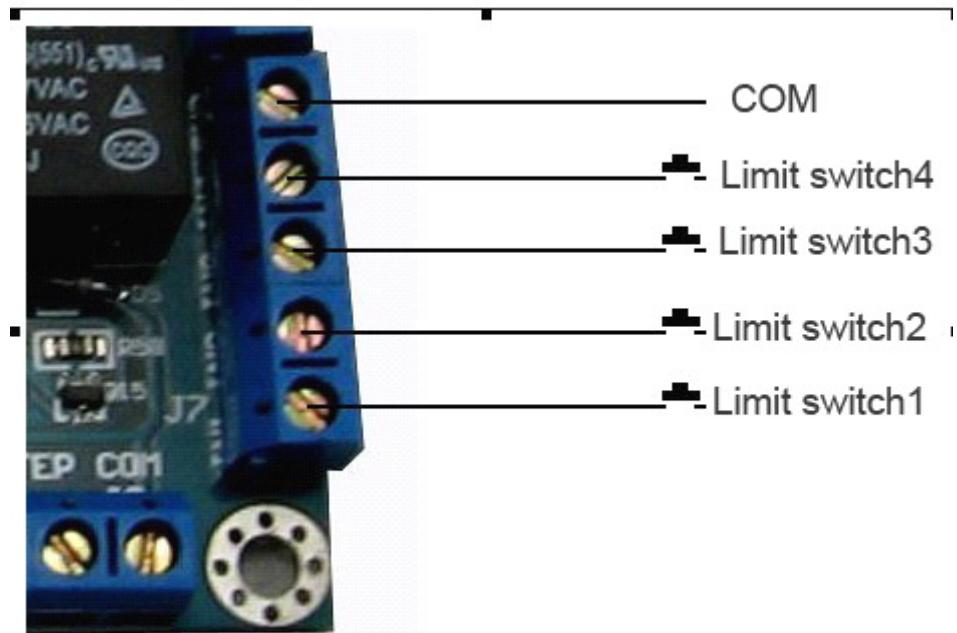
Features:

- For stepper motor driver
- Can most connection 5 pieces driver and control 5 pieces motor in the same time
- With 4-wire limit switch to insure our safty movement
- With relay port to contro the cnc spindle
- Working voltage is 5VDC and support with **MACH3,EMC2,KCAM4** software

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DB25 parallel port definition:

Parallel Port (from pc back view)
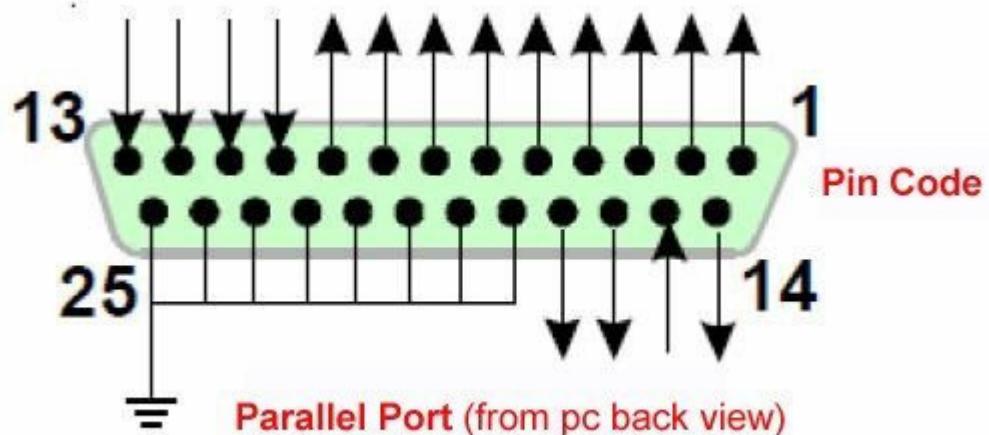
DB25 pin (PC PIN)	The pin of the interface board	Comment(signal)
1	Step 5	Fifth axis pulse
2	Step X	X pulse
3	DIR X	X axis direction
4	STEPY	Y pulse
5	DIR Y	Y axis direction
6	Step Z	Z axis pulse
7	DIR Z	Z axis direction
8	Step 4	Fourth axis pulse
9	DIR 4	Fourth axis direction
10	Limit-1	Limit input interface 1
11	Limit-2	Limit input interface 2
12	Limit-3	Limit input interface 3
13	Limit-4	Limit input interface 4
14	DIR 5	Fifth axis direction
15	Vacant	
16	RLY	Relay control
17	EN	All axis enable
18-25	GND	GND