

Zac's 2nd Generation CNC controler – AKA the Pololu Tie Fighter set up

DB25 Pinout

1	free output from pc
2	(x Direction) High / Low changes direction of x stepper
3	(x Step) number of pulses = number of steps for x stepper
4	(y Direction) High / Low changes direction of y stepper
5	(y Step) number of pulses = number of steps for y stepper
6	(z Direction) High / Low changes direction of z stepper
7	(z Step) number of pulses = number of steps for z stepper
8	free output from pc
9	free output from pc
10	E-Stop/Limits when this pin is grounded software stops all motion can be configured for a high instead of low in the software
11	(X home) home switch for the x axis can be low or high depends on software settings
12	(y home) home switch for the y axis can be low or high depends on software settings
13	(z home) home switch for the z axis can be low or high depends on software settings
14	free output from pc
15	free input to pc (ttl level signal)
16	(Relay 1)
17	(Relay 2)
18	Gnd
19	Gnd
20	Gnd
21	Gnd
22	Gnd
23	Gnd
24	Gnd
25	Gnd