



TITLE: PCB1	
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HEADER_PI

Pin	Signal	Pin	Signal
1	3.3V_1	2	5V_1
3	SDA(GPIO-2)	4	5V_2
5	SCL(GPIO-3)	6	GND_1
7	MCU_RESET	8	TX(GPIO-14)
9	GND	10	RX(GPIO-15)
11	GPIO-17	12	PCM_CLK(GPIO-18)
13	GPIO-27	14	GND_3
15	GPIO-22	16	GPIO-23
17	3.3V_2	18	GPIO-24
19	MOSI(GPIO-10)	20	GND_4
21	MISO(GPIO-9)	22	GPIO-25
23	SCLK(GPIO-11)	24	CE0(GPIO-8)
25	GND_5	26	CE1(GPIO-7)
27	ID_SD(GPIO-0)	28	ID_SC(GPIO-1)
29	GPIO-5	30	GND_6
31	GPIO-6	32	PWM0(GPIO-12)
33	PWM1(GPIO-13)	34	GND_7
35	PCM_FS(GPIO-19)	36	GPIO-16
37	GPIO-26	38	PCM_DIN(GPIO-20)
39	GND_8	40	PCM_DOUT(GPIO-21)

CONNECTOR_OUTPUT		
OUT-STEP_PULSE_X-AXIS	STEP-PULSE X-AXIS	STEP-PULSE X-AXIS
OUT-STEP_PULSE_Y-AXIS	STEP-PULSE Y-AXIS	STEP-PULSE Y-AXIS
OUT-STEP_PULSE_Z-AXIS	STEP-PULSE Z-AXIS	STEP-PULSE Z-AXIS
OUT-DIRECTION_X-AXIS	DIRECTION X-AXIS	DIRECTION_X-AXIS
OUT-DIRECTION_Y-AXIS	DIRECTION Y-AXIS	DIRECTION_Y-AXIS
OUT-DIRECTION_Z-AXIS	DIRECTION Z-AXIS	DIRECTION_Z-AXIS
OUT-STEPPER_ENABLEABLE_1	MOT-ENABLE 1	MOT-ENABLE_1
OUT-STEPPER_ENABLEABLE_2	MOT-ENABLE 2	MOT-ENABLE_2
OUT-STEPPER_ENABLEABLE_3	MOT-ENABLE 3	MOT-ENABLE_3
OUT-STEPPER_ENABLEABLE_4	MOT-ENABLE 4	MOT-ENABLE_4
OUT-SPINDLE_PWM & MOT	SPINDLE-PWM	SPINDLE-PWM
OUT-SPINDLE_DIRECTION & SCX	SPINDLE-DIRECTION	SPINDLE-DIRECTION
GND	OUT-GND 1	OUT-GND_1
GND	OUT-GND 2	OUT-GND_2
GND	OUT-GND 3	OUT-GND_3
GND	OUT-GND 4	OUT-GND_4

			CONNECTOR_INPUT
		RESET/ABORT	RESET/ABORT
	IN-GRBL_RESET	FEED-HOLD	FEED-HOLD
	IN-FEED_HOLD	CYCLE-START/RESUME	CYCLE-START/RESUME
IN-CYCLE_START/RESUME		LIMIT-X	LIMIT-X
	IN-LIMIT_XAXIS	LIMIT-Y	LIMIT-Y
	IN-LIMIT_YAXIS	LIMIT-Z	LIMIT-Z
	IN-LIMIT_ZAXIS	IN-GND 1	IN-GND 1
	GND	IN-GND 2	IN-GND 2
	GND	IN-GND 3	IN-GND 3
	GND	IN-GND 4	IN-GND 4
	GND	IN-GND 5	IN-GND 5
	GND	IN-GND 6	IN-GND 6

CONNECTOR_INPUT

RESET/ABORT
FEED-HOLD
CYCLE-START/RESUME
LIMIT-X
LIMIT-Y
LIMIT-Z
IN-GND_1
IN-GND_2
IN-GND_3
IN-GND_4
IN-GND_5
IN-GND_6