

GPIO	Function	CNC30	UNO/R32	Software	
0	ENABLE_PIN	Single Pin	-	*_ENABLE_PIN	
1	TX	Tx	TX	(not used)	used by serial link
2	LED_PIN	Abort	A0	LED_PIN	LED on ESP32 board
3	RX	Rx	RX	(not used)	used by serial link
4	MISO	Hold	A1	TFT_MISO	used by SW, not connected
5	Servo 2	Limit Y+	D10	SERVO2_PIN	
12	-	Stepper Enable	D8	(not used)	ESP32 Boot problem
13	Servo 1	Limit X+	D9	SERVO_PIN	
14	Dir Z	Dir Z-Axis	D7	C_DIR_PIN	
15	TFT_CS	-	IO15	TFT_CS	
16	Dir X	Dir X-Axis	D5	A_STEP_DIR	
17	Step Z	Step Z-Axis	D4	C_STEP_PIN	
18	Dir E0	SPnDir	D13	D_DIR_PIN	
19	Step E0	SpnEn	D12	D_STEP_PIN	
21	MOSI	-	SDA	TFT_MOSI	
22	SCLK	-	SCL	TFT_SCLK	
23	Buzzer	Limit Z+	D11	BUZZER_PIN	
25	Step Y	Step Y-Axis	D3	B_STEP_PIN	
26	Step X	Step X-Axis	D2	A_STEP_PIN	
27	Dir Y	Dir Y-Axis	D6	B_DIR_PIN	
32	NEO_PIN	-	IO32	NEO_PIN	
33	TFT_DC	-	IO33	TFT_DC	
34	Endstop C	Coolant	A3	C_ENDSTOP_PIN	
35	Endstop D	Resume	A2	D_ENDSTOP_PIN	
36	Endstop B	SDA	A4	B_ENDSTOP_PIN	
39	Endstop A	SCL	A5	A_ENDSTOP_PIN	
-	Hardware Reset	E-STOP	-	-	connected to display case