

	Pin	Name	Mapped	ADC	PWM	UART	INT	FUNCTION	LIMIT-SWITCHES	HEATER	NTC	FAN	DISPLAY / ENC / SD	STEPPER	GT2560
78	PA0	D22						x						X-MIN	
77	PA1	D23											x	X-DIR	
76	PA2	D24						x						X-MAX	
75	PA3	D25											x	X-STEP	
74	PA4	D26						x						Y-MIN	
73	PA5	D27											x	X-ENABLE	
72	PA6	D28						x						Y-MAX	
71	PA7	D29											x	Y-ENABLE	
19	PB0	D53				PCINT0	SPI-SS				x			SDSS	
20	PB1	D52				PCINT1	SPI-SCK				x			SCK	
21	PB2	D51				PCINT2	SPI-MOSI				x			MOSI	
22	PB3	D50				PCINT3	SPI-MISO				x			MISO	
23	PB4	D10		PWM		PCINT4			x					HEATER-E2	
24	PB5	D11		PWM		PCINT5		x						Z-MIN-PROBE	
25	PB6	D12		PWM		PCINT6						x		E2-ENABLE	
26	PB7	D13		PWM		PCINT7	x							ONBOARD?-LED	
53	PC0	D37											x	Z-STEP	
54	PC1	D36									x			LCM-D7	
55	PC2	D35											x	Z-ENABLE	
56	PC3	D34					x							INT (VIA 5PIN)	
57	PC4	D33											x	Y-DIR	
58	PC5	D32						x						Z-MAX	
59	PC6	D31											x	Y-STEP	
60	PC7	D30						x						Z-MIN	
43	PD0	D21				INT0	I ² C-SCL				x			LCM-D5	
44	PD1	D20				INT1	I ² C-SDA				x			LCM-RS	
45	PD2	D19			RX1	INT2					x			ENCODER-BUTTON	
46	PD3	D18			TX1	INT3					x			BEEPER	
47	PD4	D77												NOT CONNECTED	
48	PD5	D78			XCK1									NOT CONNECTED	
49	PD6	D79												NOT CONNECTED	
50	PD7	D38									x			SD-DETECT	
2	PE0	D00			RX0	PCINT8	x							RX (VIA USB)	
3	PE1	D01			TX0		x							TX (VIA USB)	
4	PE2	D70			XCK0									NOT CONNECTED	
5	PE3	D05		PWM							x			LCM-D6	
6	PE4	D02		PWM		INT4			x					HEATER-E0	
7	PE5	D03		PWM		INT5			x					HEATER-E1	
8	PE6	D71				INT6								NOT CONNECTED	
9	PE7	D72				INT7								NOT CONNECTED	
97	PF0	D54	ADC0				x							A0	
96	PF1	D55	ADC1				x							A1	
95	PF2	D56	ADC2				x							A2	
94	PF3	D57	ADC3				x							A3	
93	PF4	D58	ADC4				x							A4	
92	PF5	D59	ADC5				x							A5	
91	PF6	D60	ADC6				x							A6	
90	PF7	D61	ADC7				x							A7	
51	PG0	D41											x	E0-ENABLE	
52	PG1	D40									x			ENCODER-1	
70	PG2	D39											x	Z-DIR	
28	PG3	D75												NOT CONNECTED	
29	PG4	D76												NOT CONNECTED	
1	PG5	D04		PWM					x					HEATER-HEATBED	
12	PH0	D17			RX2						x			LCM-EN	
13	PH1	D16			TX2						x			LCM-D4	
14	PH2	D73			XCK2									NOT CONNECTED	
15	PH3	D06		PWM							x			FAN-BTK	
16	PH4	D07		PWM							x			FAN-E0	
17	PH5	D08		PWM							x			FAN-E1	
18	PH6	D09		PWM							x			FAN-E2	

	Pin	Name	Mapped	ADC	PWM	UART	INT	FUNCTION	LIMIT-SWITCHES	HEATER	NTC	FAN	DISPLAY / ENC / SD	STEPPER	GT2560
27	PH7	D74													NOT CONNECTED
63	PJ0	D15			RX3	PCINT9									RX3 (VIA 5PIN)
64	PJ1	D14			TX3	PCINT10									TX3 (VIA 5PIN)
65	PJ2	D80			XCK3	PCINT11									NOT CONNECTED
66	PJ3	D81				PCINT12									NOT CONNECTED
67	PJ4	D82				PCINT13									NOT CONNECTED
68	PJ5	D83				PCINT14									NOT CONNECTED
69	PJ6	D84				PCINT15									NOT CONNECTED
79	PJ7	D85													NOT CONNECTED
89	PK0	D62	ADC8			PCINT16			x						NTC-E0
88	PK1	D63	ADC9			PCINT17			x						NTC-E1
87	PK2	D64	ADC10			PCINT18			x						NTC-HEATBED
86	PK3	D65	ADC11			PCINT19			x						NTC-E2
85	PK4	D66	ADC12			PCINT20	x								FIL-DETECT [L]
84	PK5	D67	ADC13			PCINT21	x								FIL-DETECT [R]
83	PK6	D68	ADC14			PCINT22									NOT CONNECTED
82	PK7	D69	ADC15			PCINT23	x								PWR-DETECT
35	PL0	D49											x		E1-STEP
36	PL1	D48											x		E1-ENABLE
37	PL2	D47											x		E1-DIR
38	PL3	D46		PWM									x		E2-STEP
39	PL4	D45		PWM									x		E0-DIR
40	PL5	D44		PWM									x		E2-DIR
41	PL6	D43											x		E0-STEP
42	PL7	D42										x			ENCODER-2