

*Anycubic - i3 Mega

- [Pinouts](#)

Pinouts

Servo Ports (1)					
5V	5V	5V	5V	5V	
GND	GND	GND	GND	GND	
TRIGORILLA	D4	D5	D6	D11	D12
TRIGORILLA1.1	D11	D4	D6	D5	D12

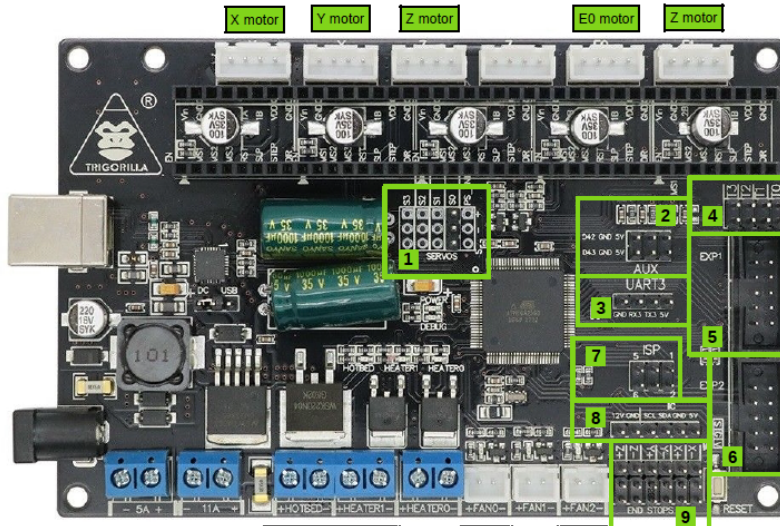
AUX (2)		
D42	GND	5V
D43	GND	5V

ISP (7)		
RST	D52	D50
GND	D51	5V

Temp Sensors (4)			
GND	GND	GND	GND
A12 (D66)	A15 (D69)	A14 (D68)	A13 (D67)

UART3 (3)			
GND	D15	D14	5V

IIC (8)			
12V	GND	D21	D20
GND	5V		



EXP1 (5)	
12864 LCD	
D37	D35
D17	D16
D23	D25
D27	D29
GND	5V

EXP2 (6)	
2004 LCD	
D50	D52
D31	D53
D33	D51
D49	D41
GND	RST

Heat Bed	Heater 1	Heater 0	Fan 0	Fan 1	Fan 2
D8	D45	D10	D9	D7	D44

Limit Switches (9)					
D19	D18	D15	D14	D2	D3
GND	GND	GND	GND	GND	GND
5V	5V	5V	5V	5V	5V

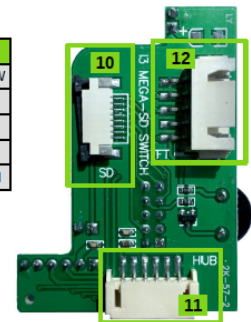
HUB (11)					
D19	D18	D2	D3	A13 (D67)	GND
BROWN	YELLOW	GREEN	BLUE	RED	BLACK

MEGA 2560		
PIN	Port	Bindings in Marlin
D2 (PWM, INT4)	E4	Z_MIN_PROBE_PIN
D3 (PWM, INT5)	E5	X_MIN_PIN
D4 (PWM)	G5	<unused/unknown>
D5 (PWM, AN1)	E3	SERVO0_PIN
D6 (PWM)	H3	<unused/unknown>
D7 (PWM)	H4	CONTROLLER_FAN_PIN
D8 (PWM)	H5	HEATER_BED_PIN
D9 (PWM)	H6	FAN_PIN
D10 (PWM, PCINT4)	B4	HEATER_0_PIN
D11 (PWM, PCINT5)	B5	<unused/unknown>
D12 (PWM, PCINT6)	B6	<unused/unknown>
D14 (TX3 / PCINT10)	J1	<unused/unknown> (TFT)
D15 (RX3 / PCINT9)	J0	<unused/unknown> (TFT)
D16 (TX2)	H1	<unused/unknown>
D17 (RX2)	H0	<unused/unknown>
D18 (TX1 / INT3)	D3	Z_MIN_PIN
D19 (RX1 / INT2)	D2	FIL_RUNOUT_PIN
D20 (SDA / INT1)	D1	<unused/unknown>
D21 (SCL / INT0)	D0	<unused/unknown>
D23	A1	<unused/unknown>
D25	A0	<unused/unknown>

MEGA 2560		
PIN	Port	Bindings in Marlin
D27	A5	<unused/unknown>
D29	A7	<unused/unknown>
D31	C6	BEEPER_PIN
D33	C4	<unused/unknown>
D35	C2	<unused/unknown>
D37	C0	<unused/unknown>
D41	G0	KILL_PIN
D42	L7	Y_MIN_PIN
D43	L5	X_MAX_PIN
D44 (PWM)	L5	FAN2_PIN, E0_AUTO_FAN_PIN
D45 (PWM)	L4	HEATER_1_PIN
D49	L0	SD_DETECT_PIN
D50 (MISO / PCINT3)	B3	MISO_PIN
D51 (MOSI / PCINT2)	B2	MOSI_PIN
D52 (SCK / PCINT1)	B1	SCK_PIN
D53 (SS / PCINT0)	B0	SS_PIN, SDSS
D66 — A12 (PCINT20)	K4	TEMP_2_PIN
D67 — A13 (PCINT21)	K5	TEMP_0_PIN
D68 — A14 (PCINT22)	K6	TEMP_BED_PIN
D69 — A15 (PCINT23)	K7	TEMP_1_PIN

SD (10)	
D53	
D51	
GND	
5V	
D52	
D50	
D49	
GND	

TFT (12)	
GND	YELLOW
D15	GREY
D14	BLUE
RST	RED
5V	GREEN



SD (10) - can be used as _SERIAL_RX_PIN for TMC2208, but D50-D53 only with disabled SD support.