

3.3V	3.3V	3.3V	3.3V	3.3V	3.3V
RST M3 M2 M1	RST M3 M2 M1	RST M3 M2 M1	RST M3 M2 M1	RST M3 M2 M1	RST M3 M2 M1
SLP GND	SLP GND	SLP GND	SLP GND	SLP GND	SLP GND
Y Y-SPI	Y Y-SPI	Z Z-SPI	E0 E0-SPI	E1 E1-SPI	E2 E2-SPI
UART MISO CS SCK MOSI	UART MISO CS SCK MOSI	UART MISO CS SCK MOSI	UART MISO CS SCK MOSI	UART MISO CS SCK MOSI	UART MISO CS SCK MOSI

UART		
	RX	TX
X	PC13	PE4
Y	PE3	PE2
Z	PE1	PE0
E0	PD4	PD2
E1	PD1	PD0
E2	PD6	PD5

X-CS	Y-CS	Z-CS	E0-CS	E1-CS	E2-CS
PA15	PB8	PB9	PB3	PG15	PG12
MISO	PC11	SPI			
MOSI	PC12				
SCK	PC10				

stallGuard					
X-DIAG	Y-DIAG	Z-DIAG	E0-DIAG	E1-DIAG	E2-DIAG
PB10	PE12	PG8	PE15	PE10	PG5

E0	E1	E2	PG4	PA8
3.3V	3.3V	3.3V	PD11	PD10
GND	GND	GND	PG2	PG3
PE15	PE10	PG5	PG6	PG7
			GND	5V

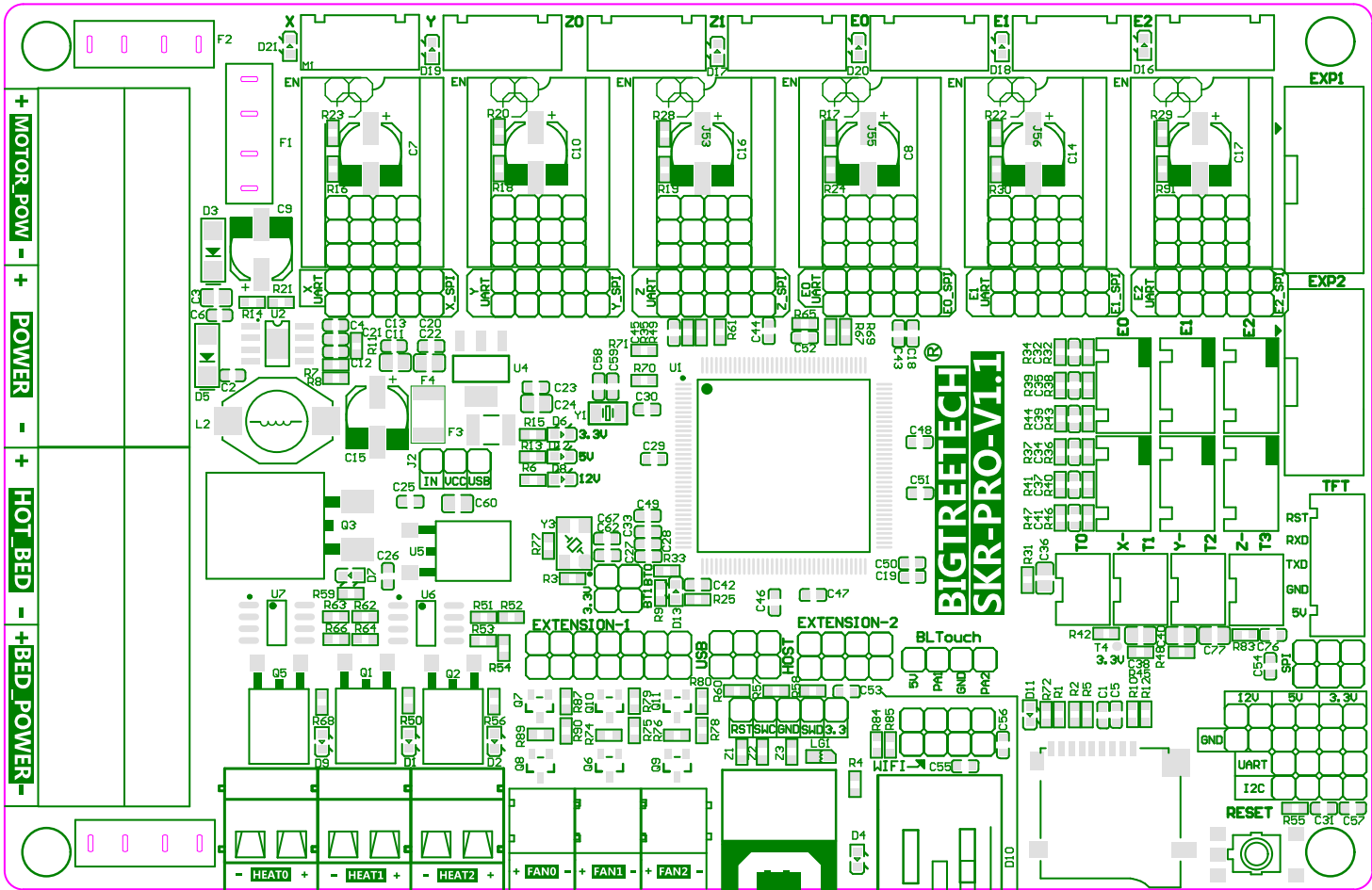
3.3V	3.3V	3.3V	PB14	PB13
GND	GND	GND	PG10	PB12
PB10	PE12	PG8	PF11	PB15
X-	Y-	Z-	PF12	RST
			GND	PF13

RST	TFT	T0	T1	T2	T3
RX1		PF3	PF4	PF5	PF6
TX1		GND	GND	GND	GND
GND					
5V					

SPI	SCK/PC10	MISO/PC11	5V
	CS/PA15	MOSI/PC12	GND

UART	RX3/PD9	TX3/PD8	GND	3.3V
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I2C	SDA/PB7	SCL/PB6	GND	3.3V
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MOTOR POWER	12/24V
	GND

POWER	12/24V
	GND

BED	PD12
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BED POWER	12/24V
	GND

PB1	PD14	PB0	PC8	PE5	PE6
HEATO	HEAT1	HEAT2	FAN0	FAN1	FAN2

EXTENSION-2				
GND	PD0	PD2	PD5	
5V	PE4	PE2	PE0	

EXTENSION-1						
GND	PC9	PF9	PC4	PG11	PG14	PC1
5V	PF8	PF10	PC5	PG13	PD3	PF7

ICSP				
RST	SWC	GND	SWD	3.3V

BLTouch			
5V	PA1	GND	PA2

WIFI				
3.3V	PG0	PG1	PC7	
PC6	PF14	PF15	GND	