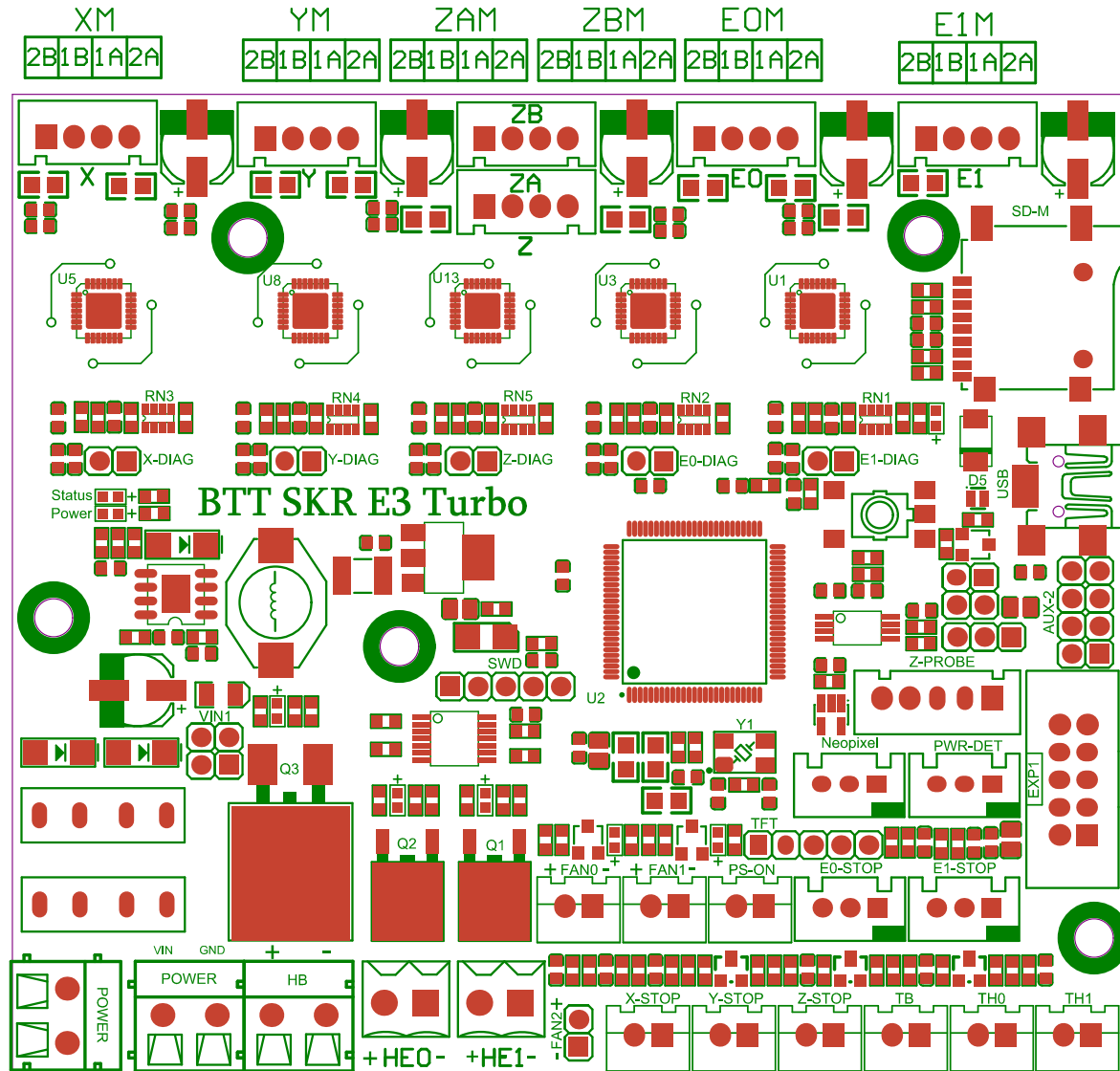


# BTT SKR E3 Turbo-PIN

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## Motor Driver

EN	STEP	DIR	UART	DIAG	Standby	
1.0	1.4	1.8	1.1	1.29	3.26	X
1.9	1.14	1.15	1.10	1.28	3.25	Y
1.16	4.29	4.28	1.17	1.27	1.18	Z
0.4	2.6	2.7	0.5	1.26	1.19	E0
0.21	2.11	2.12	0.22	1.25	2.13	E1

## USB

0.29	D+
0.30	D-

## MINI-SD

0.6	SSEL
0.9	MOSI
0.7	SCK
0.8	MISO
2.0	DET

## AUX-2

SDA2	SDA0
SCL2	SCL0
GND	GND
+5V	+5V

## EEPROM

0.0	SDA1
0.1	SCL1

## EXP1

2.8	0.16
0.19	RST
0.20	0.15
0.17	0.18
GND	+5V

GND	PWR	1.23	GND	1.22
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## Z-PROBE

GND	1.24	PWR	1.20	GND	NC
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## Neopixel PT-DET

HEAT	2.1	HEAT	2.2	GND	1.21	1.26	GND	+5V	1.25	GND	+5V
FAN0	FAN1	PS-ON	E0-STOP	E1-STOP							

## POWER

12/24V	12/24V	GND	HEAT	2.5	HEAT	2.3	HEAT	2.4
GND	POWER	BED	HEO	HE1				

## SWD

3.3V	SWDIO	GND	SWCLK	TRST
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HEAT	2.1	HEAT	2.2	GND	1.21	1.26	GND	+5V	1.25	GND	+5V	
FAN0	FAN1	PS-ON	E0-STOP	E1-STOP								
HEAT	GND	1.29	GND	1.28	GND	1.27	GND	0.25	GND	0.24	GND	0.23
GND	X-STOP	Y-STOP	Z-STOP	THB	TH0	TH1						
FAN2												

RST	RX0	TX0	GND	PWR
TFT				

HEAT	2.1	HEAT	2.2	GND	1.21	1.26	GND	+5V	1.25	GND	+5V	
FAN0	FAN1	PS-ON	E0-STOP	E1-STOP								
HEAT	GND	1.29	GND	1.28	GND	1.27	GND	0.25	GND	0.24	GND	0.23
GND	X-STOP	Y-STOP	Z-STOP	THB	TH0	TH1						