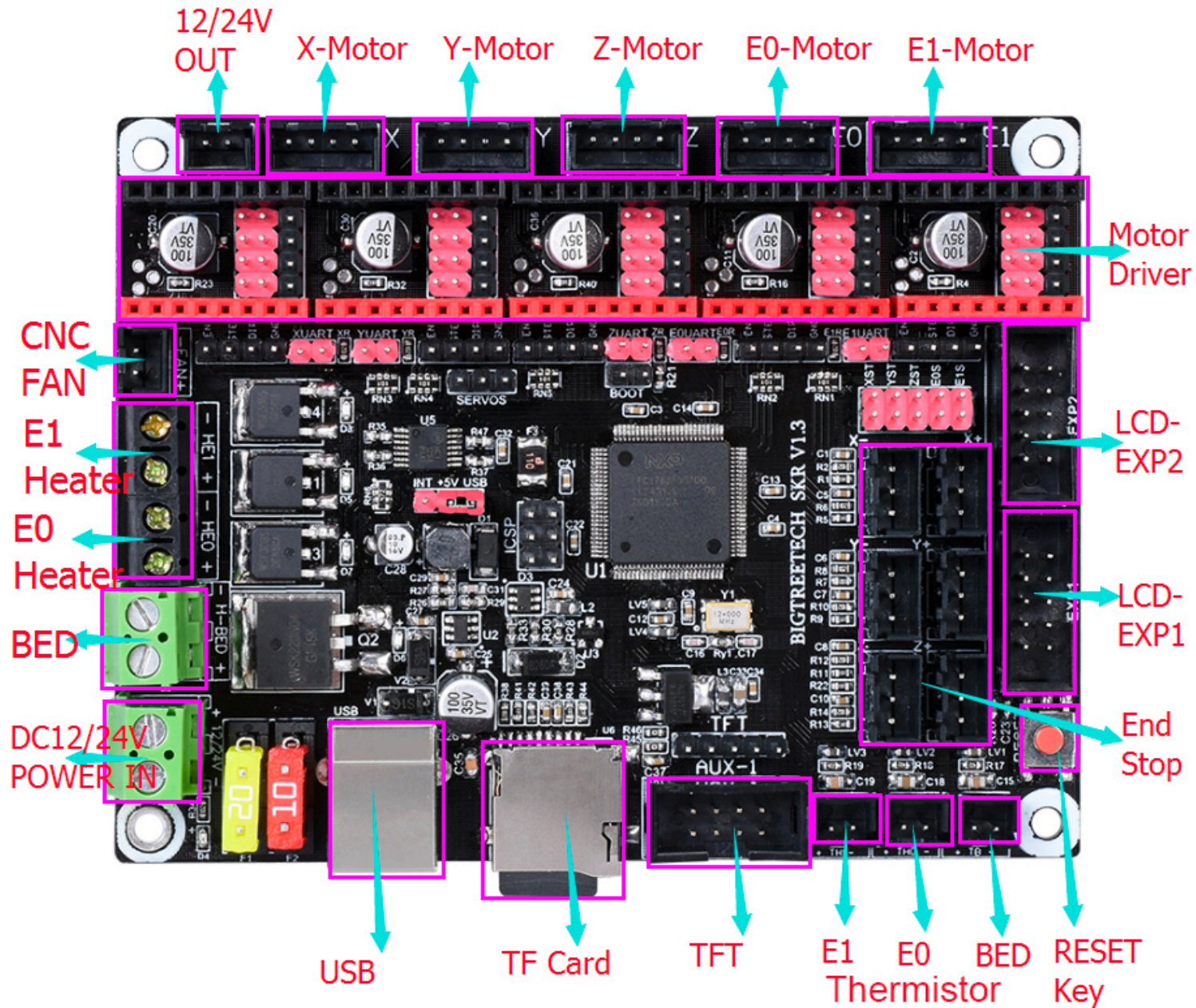
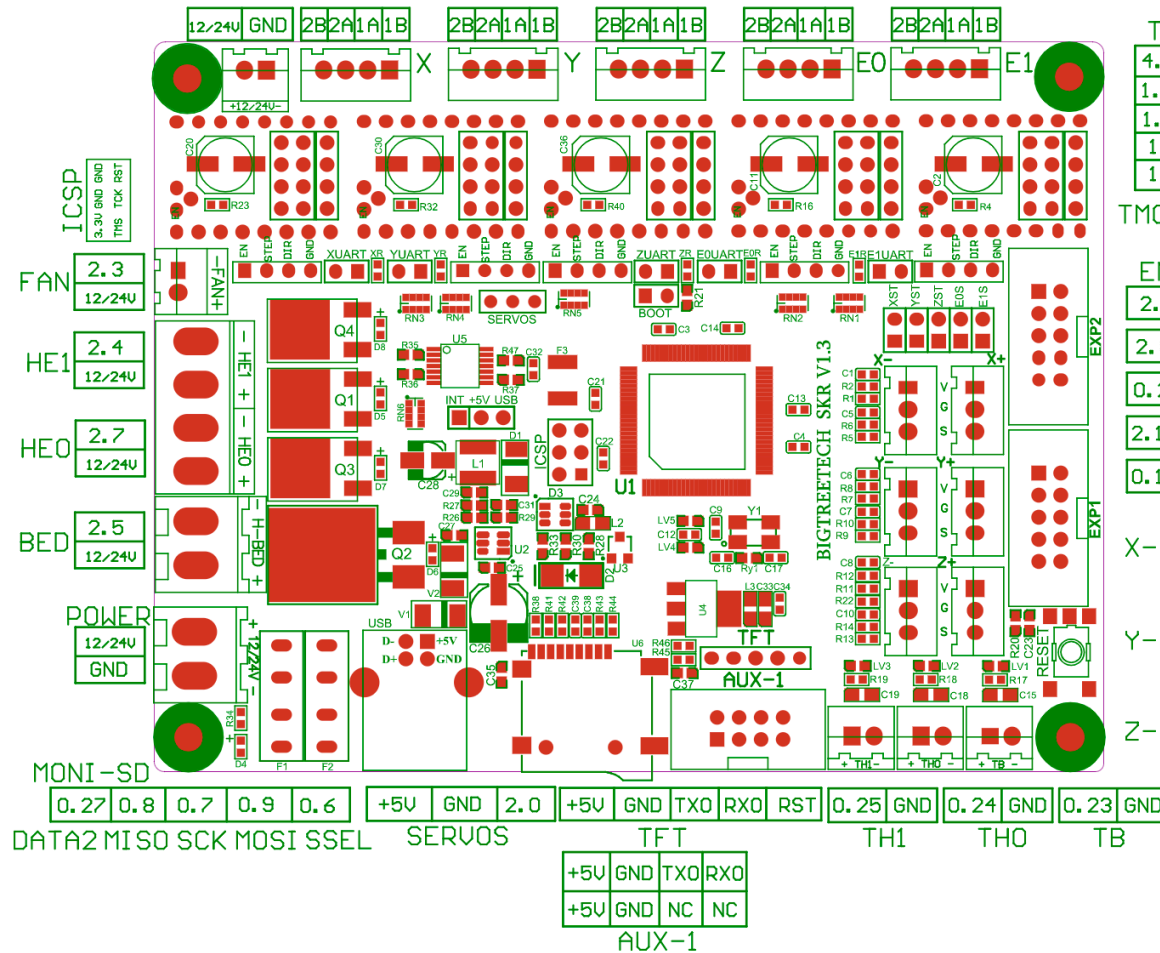


## BIGTREETECH-SKR-V1.3-Connect



# BIGTREE TECH SKR V1.3-PIN

## WWW.BIGTREE-TECH.COM



TX	RX
4.29	1.17
1.16	1.15
1.14	1.10
1.9	1.8
1.4	1.1

TMC2208-UART

EN	STEP	DIR
2.1	2.2	2.6

2.8	0.19	0.20
-----	------	------

0.21	0.22	2.11
------	------	------

2.12	2.13	0.11
------	------	------

0.10	0.1	0.0
------	-----	-----

+5V	+5V
GND	GND

1.29	1.28
------	------

+5V	+5V
GND	GND

1.27	1.26
------	------

+5V	+5V
GND	GND

1.25	1.24
------	------

XCS	YCS	ZCS	E0CS	E1CS
1.17	1.15	1.10	1.8	1.1

0.5	MISO
-----	------

4.28	MOSI
------	------

0.4	SCK
-----	-----

XST	YST	ZST	E0ST	E1ST
-----	-----	-----	------	------

XDIAG1	YDIAG1	ZDIAG1	E0DIAG1	E1DIAG1
--------	--------	--------	---------	---------

X-	Y-	Z-	X+	Y+
----	----	----	----	----

TMC2130-SPI

NC	GND
----	-----

RESET	1.31
-------	------

0.18	3.25
------	------

0.16	3.26
------	------

0.15	0.17
------	------

+5V	GND
-----	-----

1.23	1.22
------	------

1.21	1.20
------	------

1.19	1.18
------	------

0.28	1.30
------	------

EXP2

EXP1

Pin	Steve's Diagram	Extruder PCB Pin(s)	Comments	Possible Explanation?
1	PWM+	PWM+, FAN+, HTR-	Common Ground?!	PWM-,FAN-,HTR-
2	FAN+	PWM+, FAN+, HTR-	Common Ground?!	PWM-,FAN-,HTR-
3	HTR+	PWM+, FAN+, HTR-	Common Ground?!	PWM-,FAN-,HTR-
4	HTR+	PWM+, FAN+, HTR-	Common Ground?!	PWM-,FAN-,HTR-
5	HTR-	HTR+		HTR+
6	HTR-	HTR+		HTR+
7	HTR-	HTR+		HTR+
8	HTR-	HTR+		HTR+
9	FAN-	FAN-		FAN+
10	PWM-	PWM-		PWM+
11	TEMP+	TEMP+		TEMP+
12	TEMP-	TEMP-		TEMP-
13	A1 Step	A1 Step		A1 Step
14	B2 Step	B2 Step		B2 Step
15	A2 Step	A2 Step		A2 Step
16	B1 Step	B1 Step		B1 Step



