

APPENDIX G

BIGTREETECH Reference Material

Original PIN Diagram:

3.3U	3.3U	3.3U	3.3U	3.3U	3.3U
RST M3 M2 M1					
SLP GND					

X UART MISO CS SCK MOSI
UART MISO CS SCK MOSI

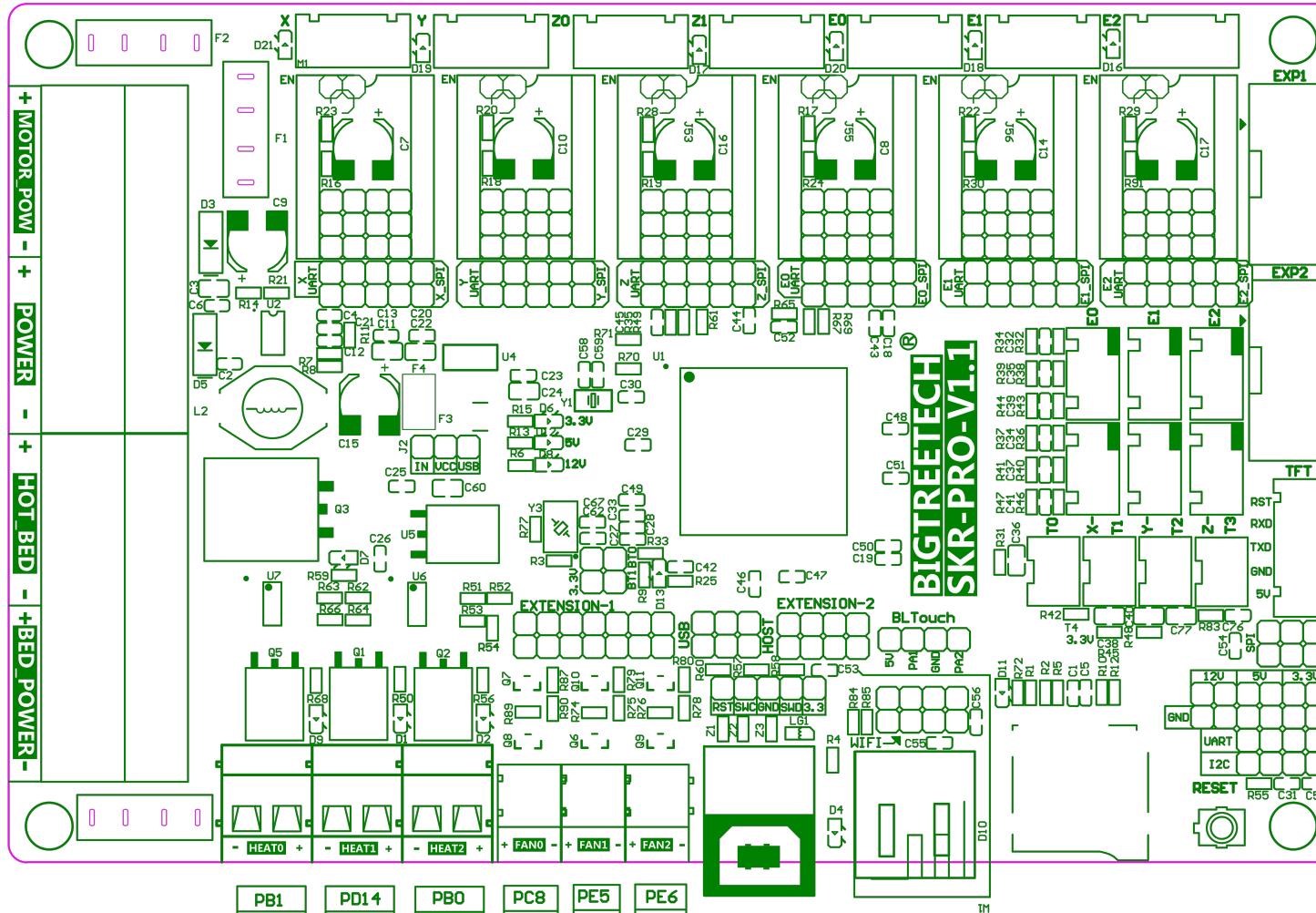
Y UART MISO CS SCK MOSI
UART MISO CS SCK MOSI

Z UART MISO CS SCK MOSI
UART MISO CS SCK MOSI

EO SPI MISO CS SCK MOSI
UART MISO CS SCK MOSI

E1 SPI MISO CS SCK MOSI
UART MISO CS SCK MOSI

E2 SPI MISO CS SCK MOSI
UART MISO CS SCK MOSI



UART

EN	STEP	DIR
X PC13	PE4	PF1
Y PE3	PE2	PE8
Z PE1	PE0	
E0 PD4	PD2	
E1 PD1	PDO	
E2 PD6	PD5	

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EN	STEP	DIR
X PF2	PE9	PF1
Y PD7	PE11	PE8
Z PC0	PE13	PC2
E0 PC3	PE14	PA0
E1 PA3	PD15	PE7
E2 PF0	PD13	PG9

SPI

X-CS	Y-CS	Z-CS	EO-CS	E1-CS	E2-CS
PA15	PB8	PB9	PB3	PG15	PG12
MISO	PC11				
SCK	PC10				

stallGuard

X-DIAG1	Y-DIAG1	Z-DIAG1	EO-DIAG1	E1-DIAG1	E2-DIAG1
PB10	PE12	PB8	PE15	PE10	PB6

PG4	PA8
PD11	PD10
PG2	PG3
PG6	PG7
GND	5V

E0	E1	E2
3.3U	3.3U	3.3U
GND	GND	GND
PE15	PE10	PG5
3.3U	3.3U	3.3U

PB14	PB13
PB10	PB12
PE12	PB6
X-	Y-

PB14	PB13
PB10	PB12
PE12	PB6
X-	Y-

RST	TX1
TX1	
GND	
5V	

TFT	TO	T1	T2	T3
GND	PF3	PF4	PF5	PF6
5V	GND	GND	GND	GND

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

UART	TX3/PD9	TX3/PD8	GND	5V

I2C	SDA/PB7	SCL/PB6	GND	5V

ICSP
RST SWC GND SWD 3.3U

BL Touch
5V PA1 GND PA2

WIFI
3.3U PG0 PG1 PG7
PC6 PF14 PF15 GND

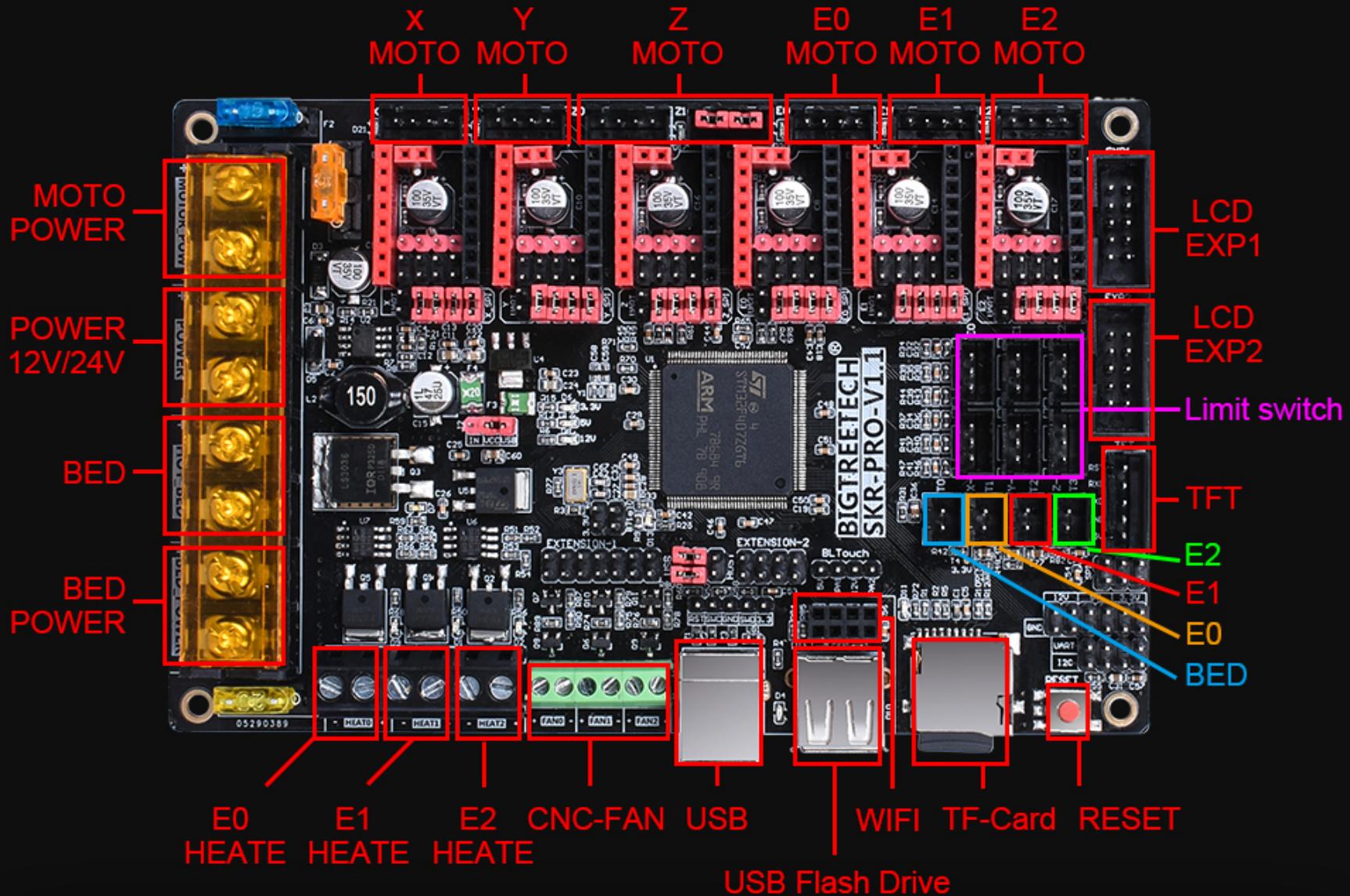
4 from <https://github.com/bigtreeTech/BIGTREETECH-SKR-PRO-V1.1/blob/master/manual/SKR-PRO-V1.1-Pin.pdf>

BIGTREETECH Reference Material**Original Wiring Diagram 1:**

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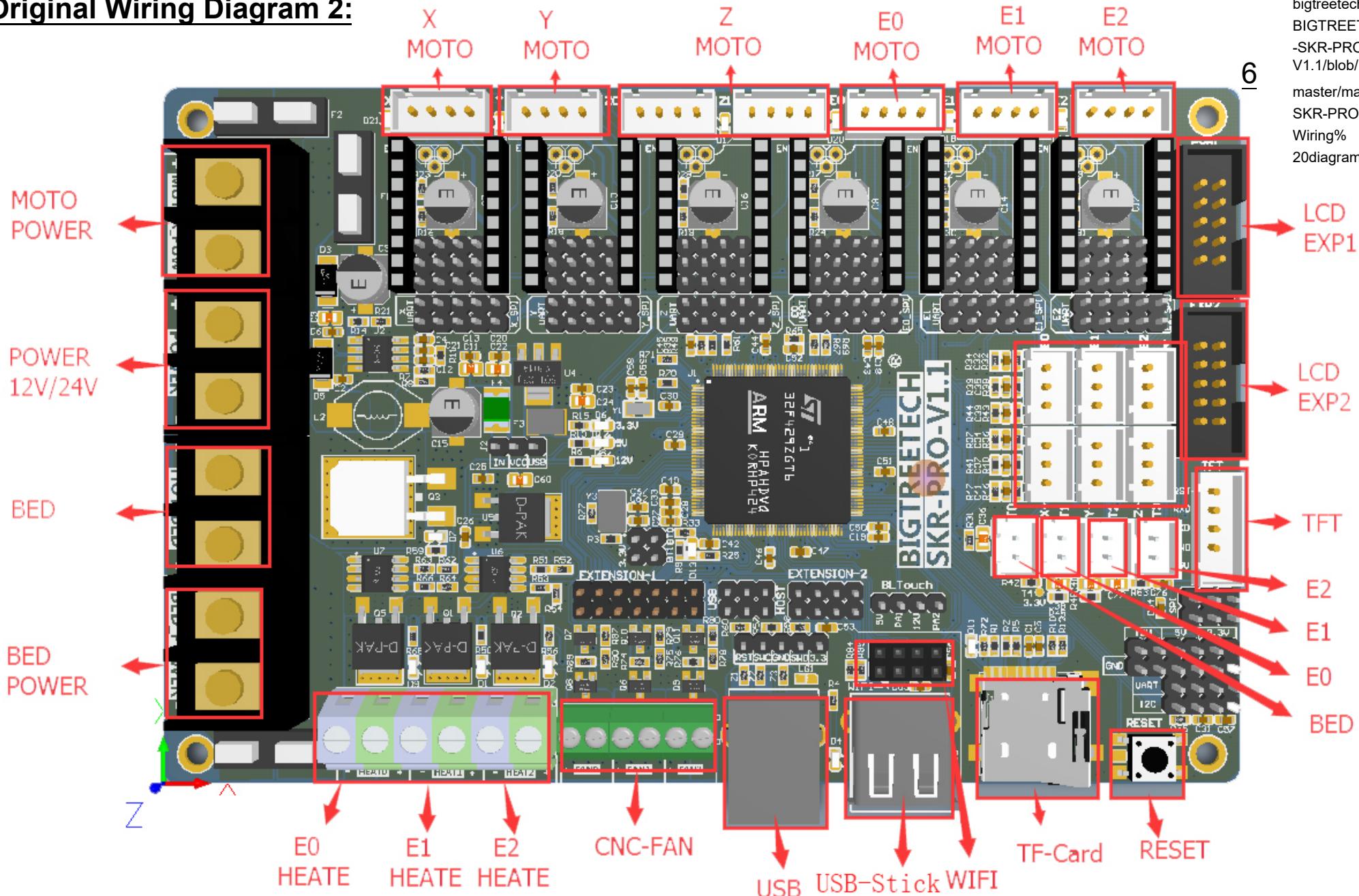
from
<https://github.com/bigtreetech/BIGTRETECH-SKR-PRO-V1.1/blob/master/picture/BIGTRETECH-SKR-PRO-V1.1.jpg>

SKR wiring diagram

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6 from <https://github.com/bigtreeTech/BIGTREETECH-SKR-PRO-V1.1/blob/master/manual/SKR-PRO-V1.1-Wiring%20diagram.jpg>

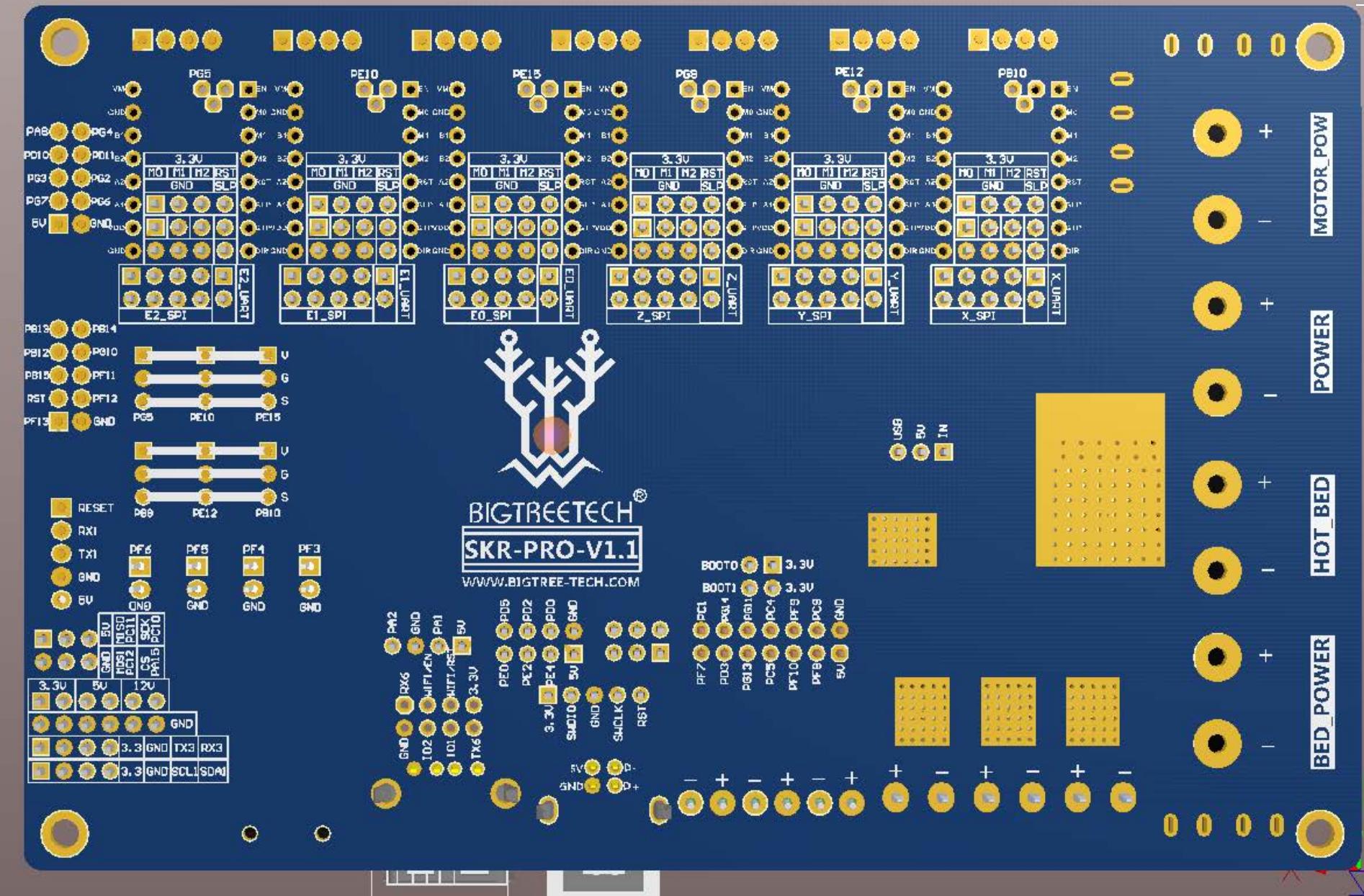
Original Wiring Diagram 2:

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APPENDIX G

BIGTREETECH Reference Material

Original PIN 1 Diagram:



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APPENDIX G

Original Schematic Diagram:

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