

EN STEP DIR

PE4	PE3	PE2	GND
PE1	PE0	PB9	GND
PB8	PB5	PB4	GND
PB3	PD6	PD3	GND
PA3	PD15	PA1	GND

TMC-SPI MODE

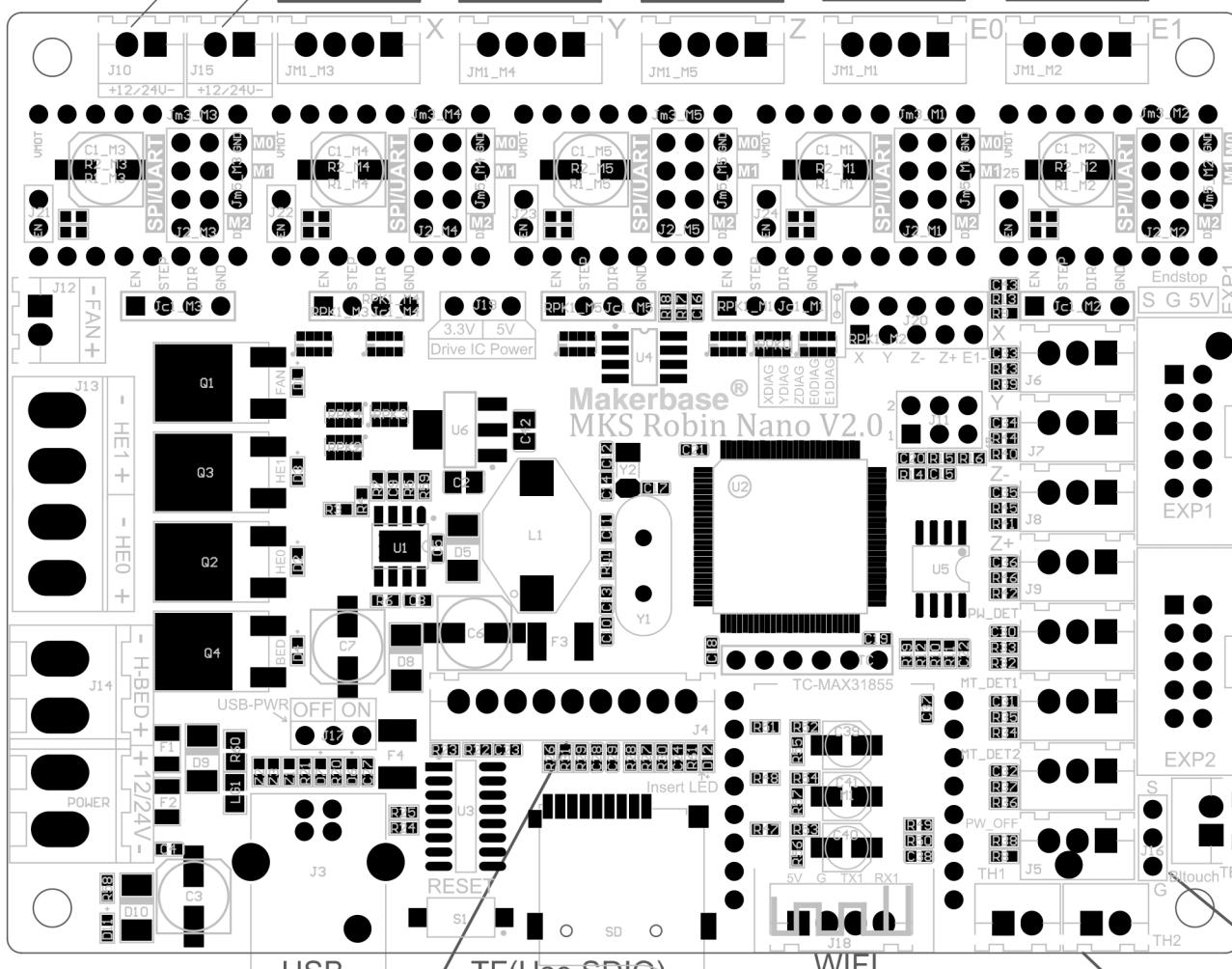
	MOSI	SCLK	CS	MISO
X	PD14	PD0	PD5	
Y			PD7	
Z			PD4	
E0			PD9	
E1			PD8	

TMC2208/2209-UART

TX = RX
PD5
PD7
PD4
PD9
PD8

XDIAG	YDIAG	ZDIAG	E0DIAG	E1DIAG
X PA15	Y PA12	Z- PA11	Z+ PC4	E1- PE7

+12/24V- +12/24V- 2B 2A 1A 1B



Use Uart3  
PB10-TX  
PB11-RX

D0	PC8
DET	PD12
D1	PC9
CMD	PD2
SCK	PC12
GND	
D3	PC11
3.3V	
D2	PC10

GND	3.3V
IO15	NC
NC	NC
IO0-P13	NC
IO1-PC7	NC
NC	WIFI-EN
TX-PA9	NC
RX-PA10	PA8

TH2	TH1	TB
PC2	PC1	PC0

THM

5V NC GND DO PE5 SCK

TC-MAX31855