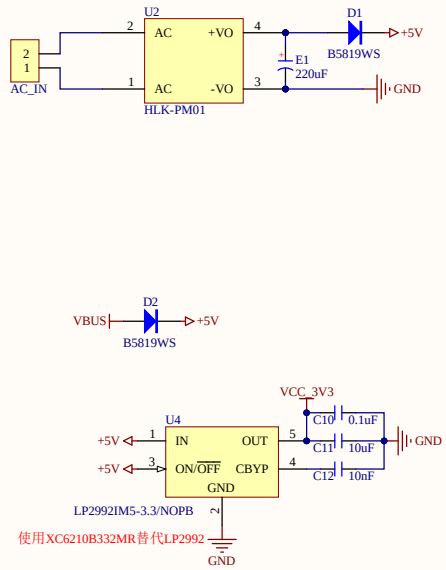
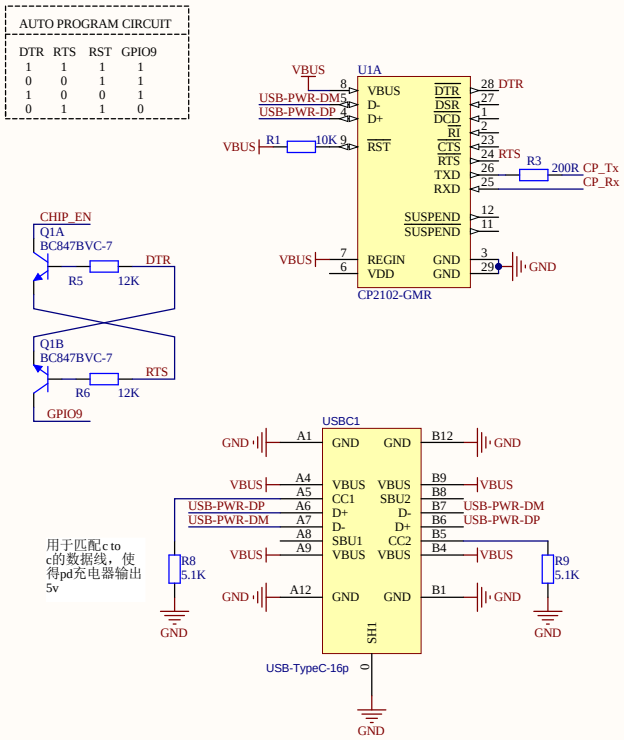
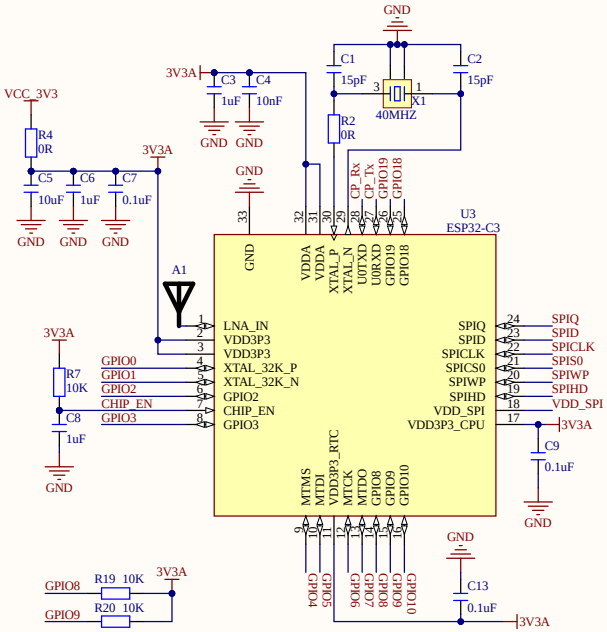
POWER



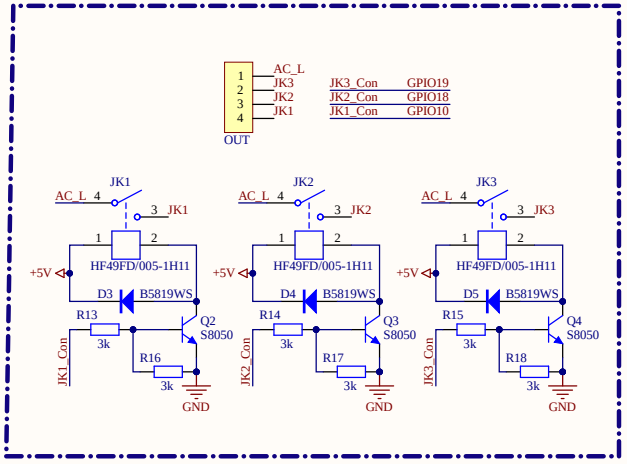
USB-PROG



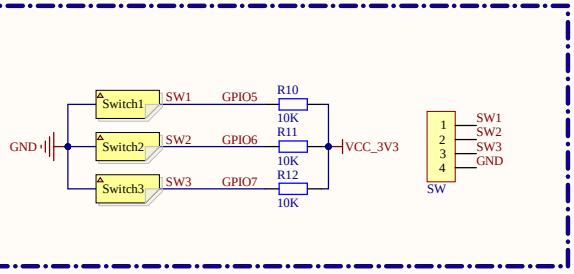
CORE



RELAYS



SWITCH



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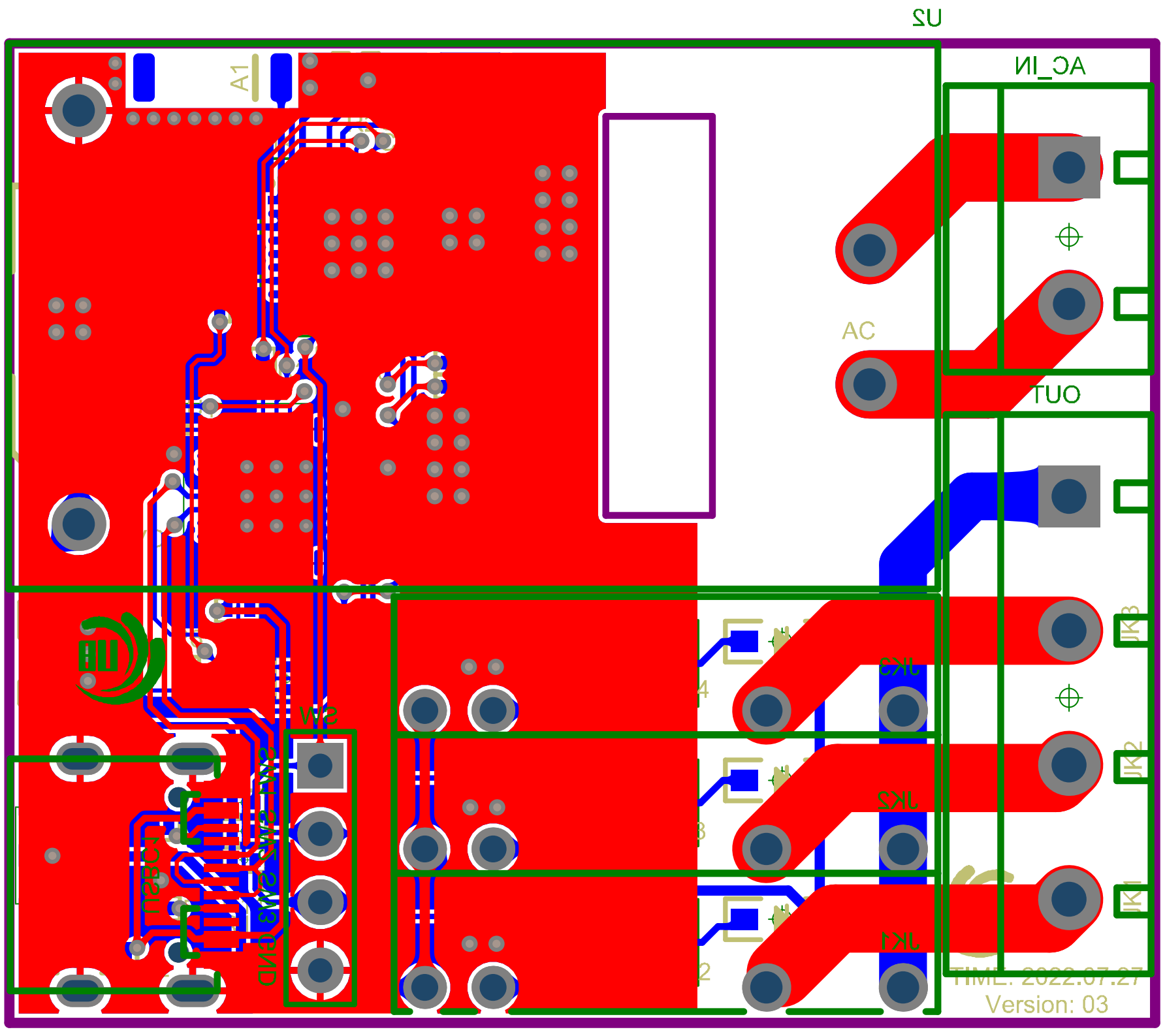
Date: 5/04/2023		Sheet of	SmartSocket_Hardware_v3.PrjPcb
File: D:\File\..\SmartSocket_v3.SchDoc		Drawn By:	Song Hailong


U2
AC_IN
AC
OUT
A1
SW
JK3
JK2
JK1
TIME: 2022.07.27
Version: 03

Name	Description	Designator	Revision ID	Revision State	Revision Status	Quantity
AN2051-245	天线AN2051-245	A1		Not managed		1
HDR-1X2	2P接插件	AC_IN		Not managed		1
15pF	无极性贴片电容	C1, C2		Not managed		2
1uF	无极性贴片电容	C3, C6, C8		Not managed		3
10nF	无极性贴片电容	C4, C12		Not managed		2
10uF	无极性贴片电容	C5, C11		Not managed		2
0.1uF	无极性贴片电容	C7, C9, C10, C13		Not managed		4
B5819WS	肖特基二极管	D1, D2, D3, D4, D5		Not managed		5
220uF	贴片钽电容	E1		Not managed		1
HF49FD/005-1H11	5V一组常开	JK1, JK2, JK3		Not managed		3
HDR-1X4	4P接插件	OUT		Not managed		1
BC847BVC-7		Q1		Not managed		1
S8050	高频放大-NPN型	Q2, Q3, Q4		Not managed		3
10K	贴片电阻	R1, R7, R10, R11, R12, R19, R20		Not managed		7
0R	贴片电阻	R2, R4		Not managed		2
200R	贴片电阻	R3		Not managed		1
12K	贴片电阻	R5, R6		Not managed		2
5.1K	贴片电阻	R8, R9		Not managed		2
3k	贴片电阻	R13, R14, R15, R16, R17, R18		Not managed		6
HDR-1X4	4P接插件	SW		Not managed		1
CP2102-GMR	Single-Chip USB to URAT Bridge, 3.3 V, -40 to 85 degC, 28-Pin QFN, RoHS, Tape and Reel	U1		Unknown server		1
HLK-PM01	220V转5V模块	U2		Not managed		1
ESP32-C3	Bluetooth, WiFi 802.11b/g/n, Bluetooth v5.0 Transceiver Module 2.402GHz ~ 2.48GHz Antenna Not Included Surface Mount	U3		Not managed		1
LP2992IM5-3.3/NOPB	Micropower 250 mA Low-Noise Ultra Low-Dropout Regulator, 5-pin SOT-23, Pb-Free	U4		Unknown server		1
USB-TypeC-16p		USBC1		Not managed		1
40MHZ	4脚无源晶振	X1		Not managed		1