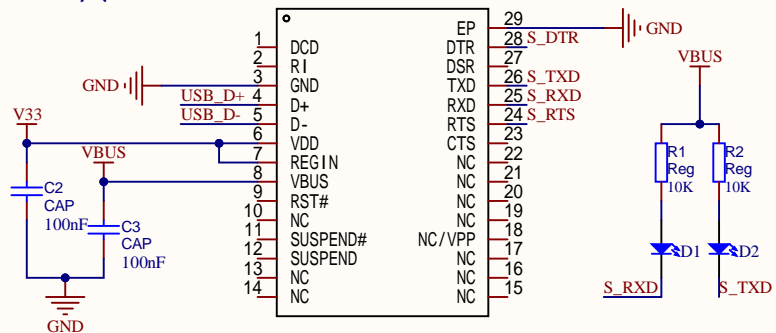
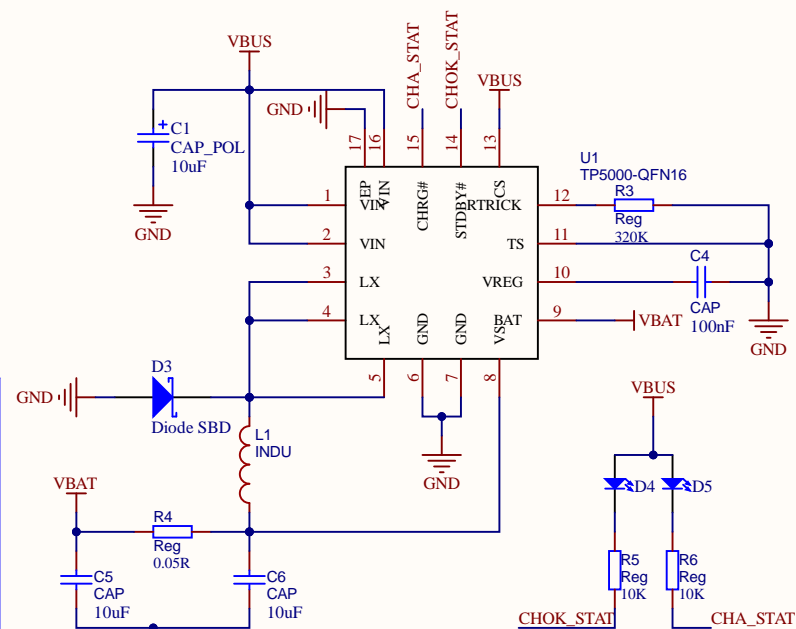


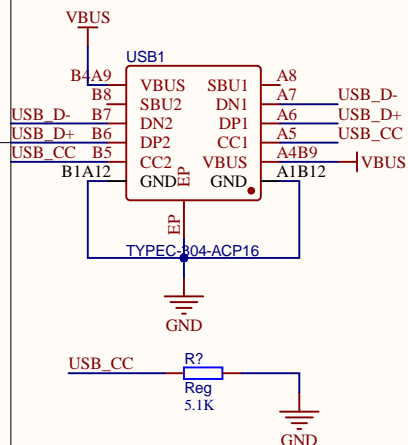
## USB转TTL



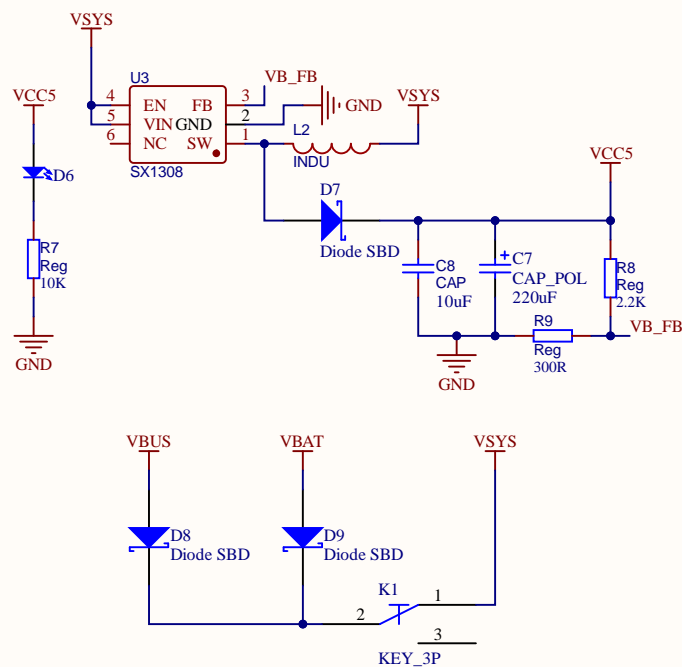
## 充电



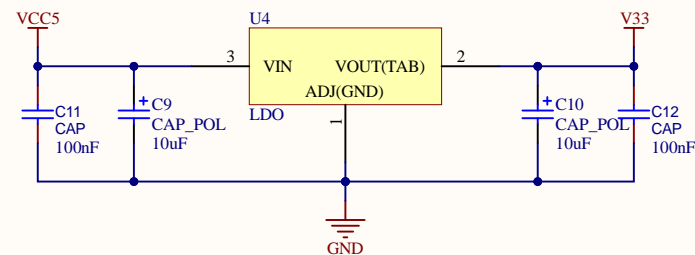
## 接口




## 升压

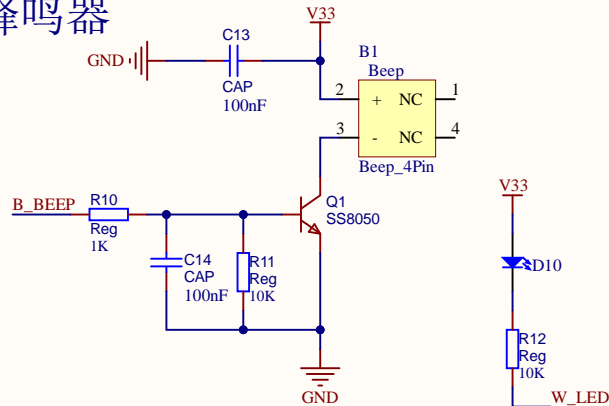


## 3.3VLDO

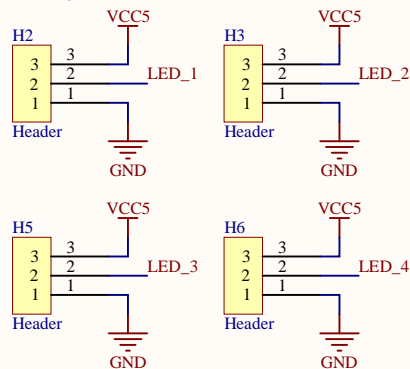


Title			Altium Limited L3, 12a Rodborough Rd Frenchs Forest NSW Australia 2086		
Size: A4	Number:	Revision:			
Date: 2022/10/14	Time: 23:21:18	Sheet of			
File: D:\workspace\hardware\SuperClock\SuperClock_Core\SuperClock_Core_V0.3\SuperClock_Core_PWR.SchDoc					

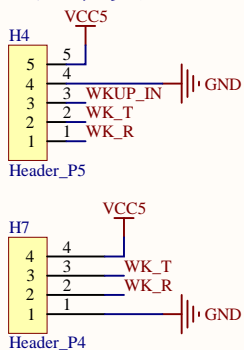
## 蜂鸣器



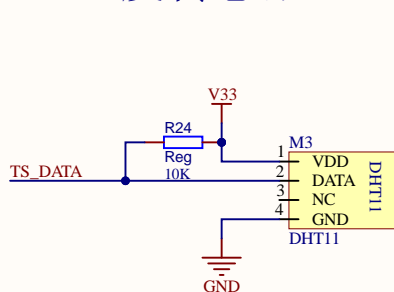
## LED接口



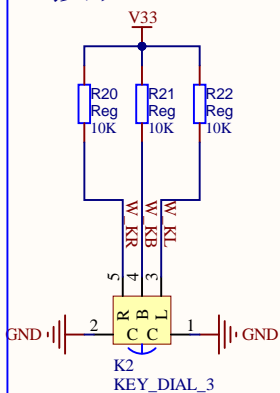
## 外部唤醒



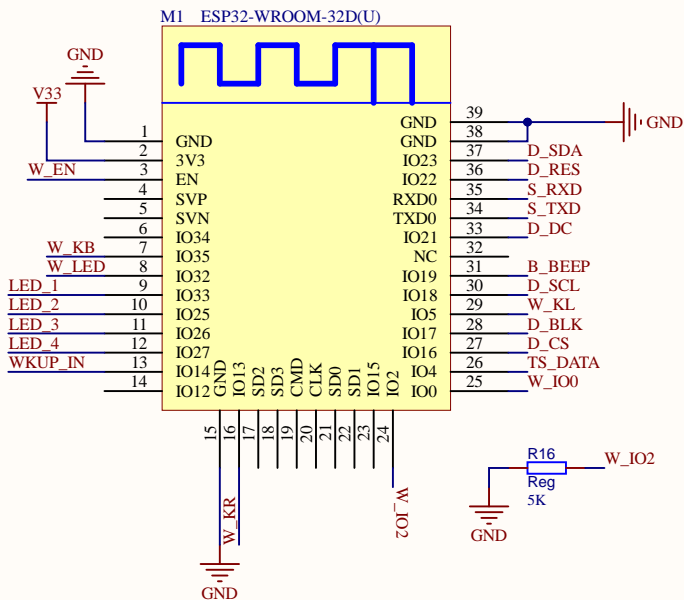
## 温湿度传感器



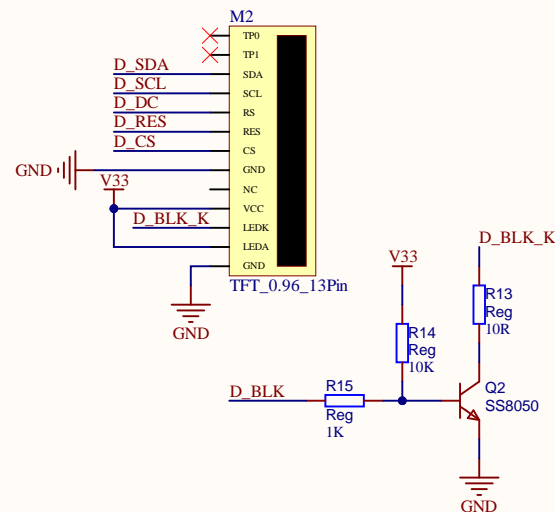
## 按键



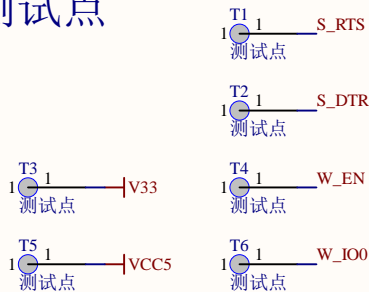
## WIFI模块



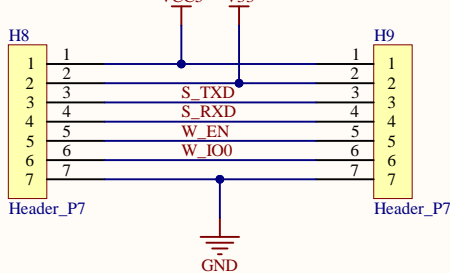
## TFT显示器



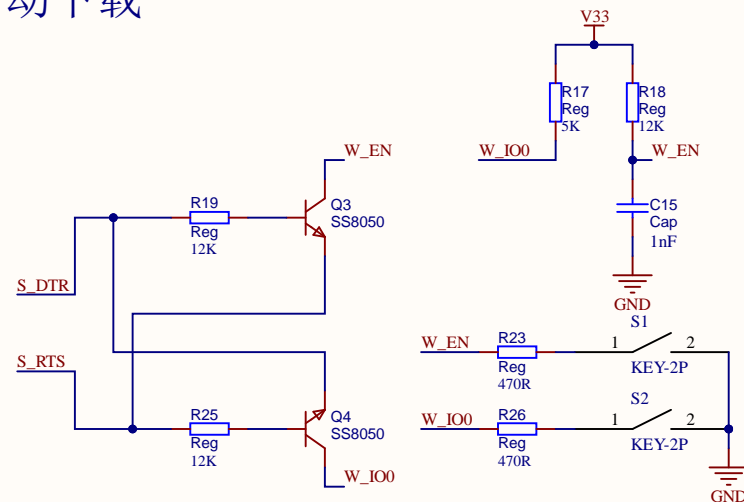
## 测试点



## 调试接口

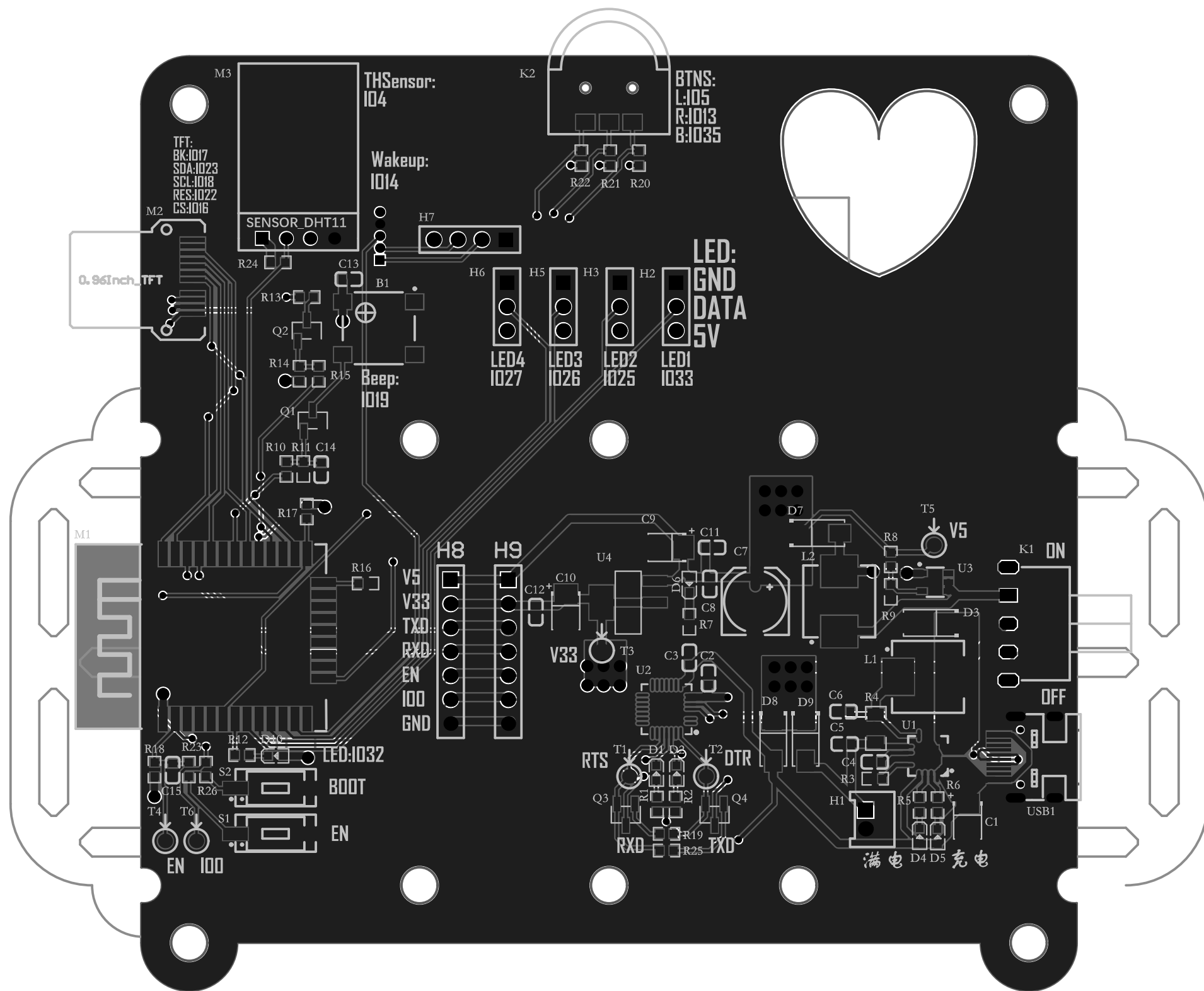


## 自动下载



Title			Altium Limited L3, 12a Rodborough Rd Frenchs Forest NSW Australia 2086
Size: A4	Number:	Revision:	
Date: 2022/10/14	Time: 23:21:18	Sheet of	
File: D:\workspace\hardware\SuperClock\SuperClock_Core\SuperClock_Core_V0.3\SuperClock_Core_WIFI.SchDoc			





TFT:  
BK:IO17  
SDA:IO23  
SCL:IO18  
RES:IO22  
CS:IO16

0.96Inch TFT

THSensor:  
IO4

Wakeup:  
IO14

BTNS:  
L:IO5  
R:IO13  
B:IO35

SENSOR DHT11

Beep:  
IO19

LED:  
GND  
DATA  
5V

LED4  
IO27

LED3  
IO26

LED2  
IO25

LED1  
IO33

V5  
V33  
TXD  
RXD  
EN  
IO0  
GND

LED:IO32

BOOT

EN

EN IO0

DN

OFF

USB1

满电 充电

0.96Inch\_TFT

K2

SuperClock\_Core\_V0.1  
levent/2022-09-22

B1 Beep/IO19



温湿度传感器  
IO4

M3

GND  
DATA  
VCC

- H6 LED5/IO14
- H5 LED4/IO27
- H4 LED3/IO26
- H3 LED2/IO25
- H2 LED1/IO33

BOOT

EN

RXD TXD

USB1

D7 充电  
D6 满电

Comment	Description	Designator	Footprint	LibRef	Quantity
Beep_4Pin	4Pin蜂鸣器	B1	Beep_4Pin_7525	Beep_4Pin	1
CAP_POL	极性电容	C1, C9, C10	CP1210	CAP_POL	3
CAP	Cap	C2, C3, C4, C5, C6, C8, C11, C12, C13, C14, C15	C0603	CAP	11
CAP_POL	极性电容	C7	CAP_SMD_6.3mm	CAP_POL	1
LED	LED	D1, D2, D4, D5, D6, D10	LED0603	LED0	6
Diode SBD	Schottky Rectifier	D3, D7, D8, D9	SMA_L4.3	Diode SBD	4
Header_P2	2Pin排针	H1	PH_2Pin	Header_P2	1
Header	3Pin接口	H2, H3, H5, H6	H_2.54_P3	Header_P3	4
Header_P5	5Pin排针	H4	H_1.27_P5	Header_P5	1
Header_P4	4Pin排针	H7	H_2.54_P4	Header_P4	1
Header_P7	7Pin排针	H8, H9	H_2.54_P7	Header_P7	2
KEY_3P	3Pin按键	K1	SWITCH_3P_2	KEY_3P	1
KEY_DIAL_3	3向拨轮开关	K2	KEY_DIAL_3	KEY_DIAL_3	1
INDU	电感	L1, L2	SMD_L7.1	IND	2
ESP32-WROOM-32D(U)	ESP32-WROOM-32D(U)	M1	ESP32-WROOM-32D	ESP32-WROOM-32D(U)	1
TFT_0.96_13Pin	ST7735_TFT	M2	TFT_0.96_13Pin	TFT_0.96_13Pin	1
DHT11	温湿度传感器	M3	SENSOR-TH_DHT11-HOR	DHT11	1
SS8050	NPN	Q1, Q2, Q3, Q4	SOT-23-3	SS8050	4
Reg	电阻	R1, R2, R3, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22, R23, R24, R25, R26, R?	R0603	Res	26
Reg	电阻	R4	R1206	Res	1
KEY-2P	KEY-2Pp	S1, S2	KEY_SOT_P2	KEY_2P	2
测试点	测试点	T1, T2, T3, T4, T5, T6	TEST_POINT	TEST_POINT	6
TP5000-QFN16		U1	QFN-16_L4.0-W4.0-P0.65-BL-EP2.2	TP5000-QFN16	1
CP2102-GM	CP2102USB转串口	U2	QFN-28	CP2102-GM	1
SX1308	升压PWM	U3	SOT-23-6	SX1308	1
LDO	LDO	U4	SOT-223	AMS1117	1
TYPEC-304-ACP16	全引脚USB TYPEC母座	USB1	USB-C-SMD_TYPE-C-16P	USB_TYPEC_12P	1