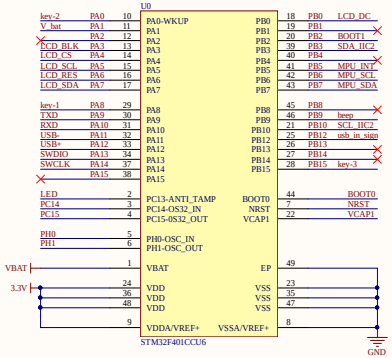
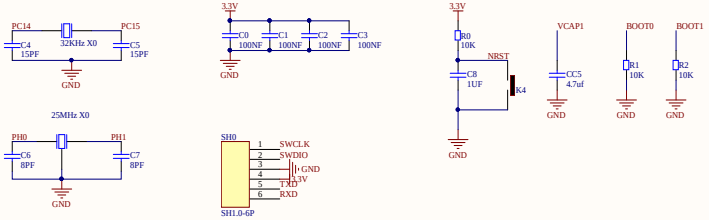
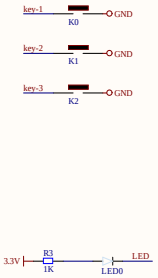
主控部分

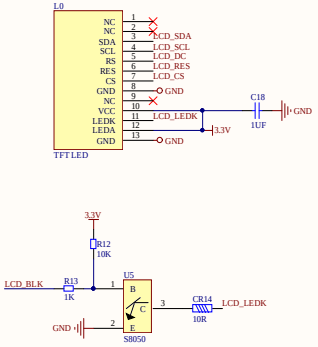




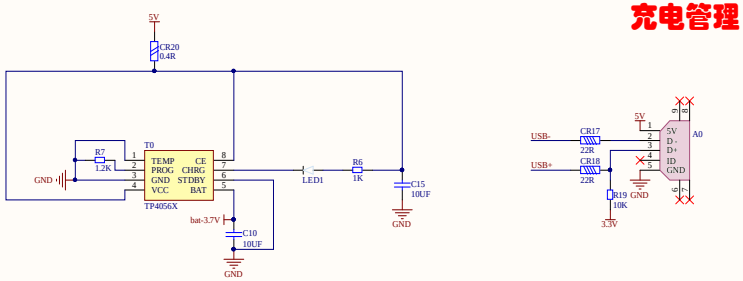
交互功能



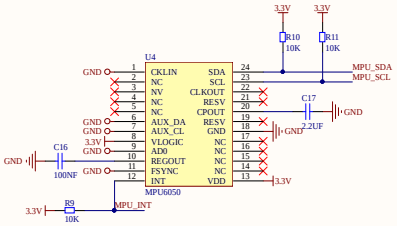
显示屏



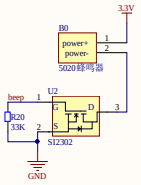
充电管理



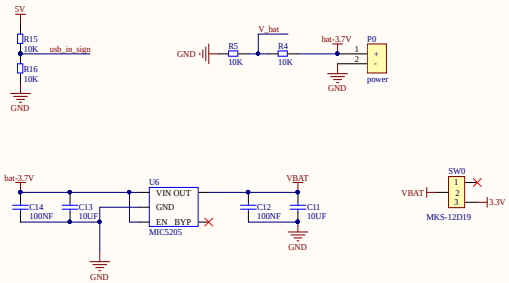
陀螺仪



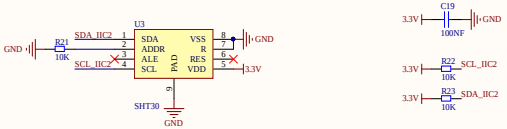
蜂鸣器



电源降压



温湿度传感器



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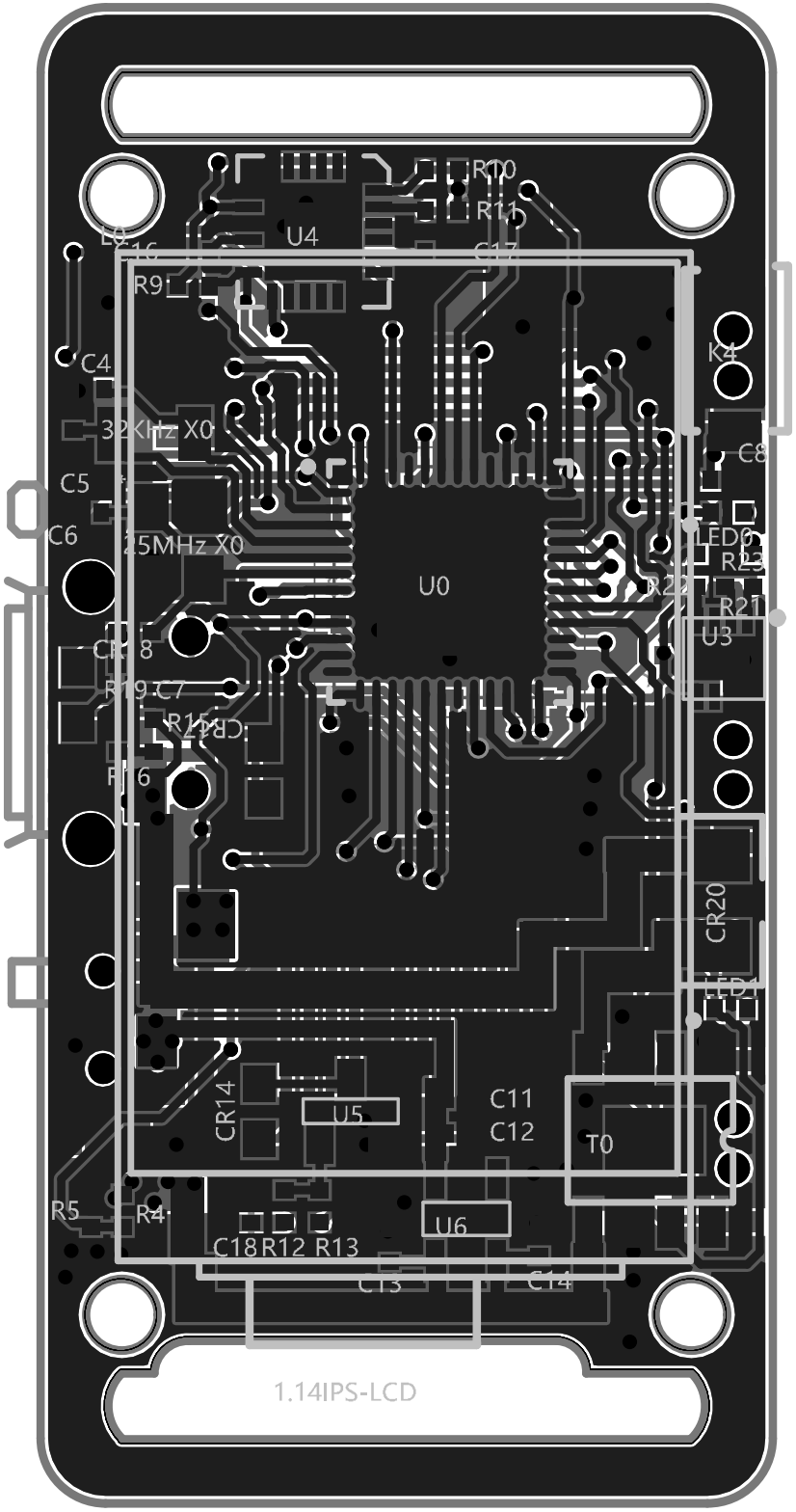
Altium


R10
R11
U4
C17
R9
C4
K4
32KHz X0
C8
C5
C6
25MHz X0
LED0
R23
U0
R22
R21
U3
CR 8
R19 C7
R15
CR17
R16
CR20
LED1
CR14
U5
C11
C12
T0
R5
R4
U6
C18 R12 R13
C13
C14
1.14IPS-LCD

Comment	Description	Designator	Footprint	LibRef	Quantity
XTAL 3225 8M		25MHz X0	T 3225	XTAL 3225 8M	1
XTAL 3215 32.768kKHz		32KHz X0	T 3215	XTAL 3215 32.768kKI	1
Micro USB		A0	Micro usb AB	Micro USB	1
5020蜂鸣器	蜂鸣器，贴片封装，	B0	5020蜂鸣器	5020蜂鸣器	1
100NF		C0, C1, C2, C3, C12, (	0402Capacitor	0402 CAP	8
15PF		C4, C5	0402Capacitor	0402 CAP	2
8PF		C6, C7	0402Capacitor	0402 CAP	2
1UF		C8, C18	0402Capacitor	0402 CAP	2
10UF		C10, C11, C13, C15	0402Capacitor	0402 CAP	4
2.2UF		C17	0402Capacitor	0402 CAP	1
Cap Chip 0603	Polarized Capacitor (	CC5	CC1608-0603	Cap Chip 0603	1
Resistor Chip 0603	Resistor	CR14, CR17, CR18	CR1608-0603	Resistor Chip 0603	3
Resistor Chip 1206	Resistor	CR20	CR3216-1206	Resistor Chip 1206	1
KEY 3*4		K0, K1, K2	2*4*3.5 KEY	KEY 3*4	3
KEY 3*4		K4	KEY 3*4	KEY 3*4	1
TFT LED	显示屏 1.14寸	L0	LCD-1.14IPS-(2)	LCD-IPSscreen	1
0402 LED		LED0, LED1	0402 LED	0402 LED	2
power		P0	POWER-3.7V	power	1
10K		R0, R1, R2, R4, R5, R9	0402resistor	0402 RES	15
1K		R3, R6, R13	0402resistor	0402 RES	3
1.2K		R7	0402resistor	0402 RES	1
33K		R20	0402resistor	0402 RES	1
SH1.0-6P	间距为1mm的端子	SH0	SH1.0-6P	SH1.0-6P	1
MKS-12D19		SW0	SW_MSK-02	sw-MSK-12D19	1
TP4056X		T0	ESOP8	TP4056X	1
STM32F401CCU6	stm32单片机 主频10	U0	STM32-UFQFPN48_N	stm32F411CEU6	1
SI2302	NMOS场效应MOS管	U2	SOT-23 SI2302	SI2302	1
SHT30	温湿度传感器	U3	SHT3X-DIS	SHT30	1
MPU6050	陀螺仪	U4	QFN24 - duplicate	MPU6050	1
S8050	三极管放大管 NPN型	U5	SOT-23 SI2302	S8050	1
MIC5205	3.3V降压稳压芯片	U6	SOT23-5	MIC5205	1