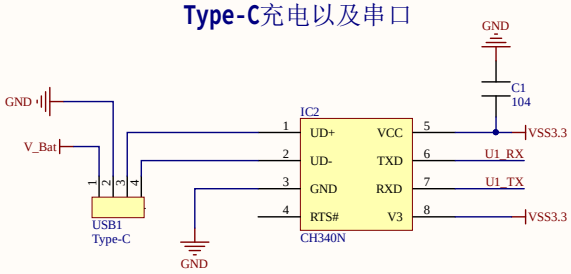
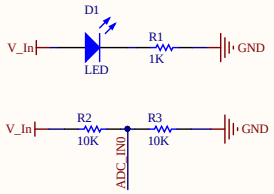
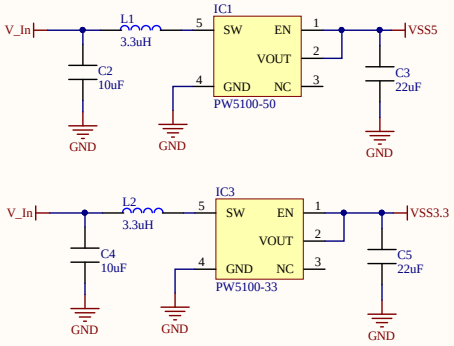
Type-C充电以及串口



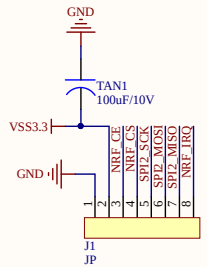
电源指示灯以及电压检测



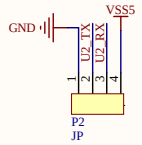
稳压芯片



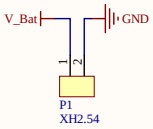
nRF24L01接口



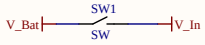
串口屏接口



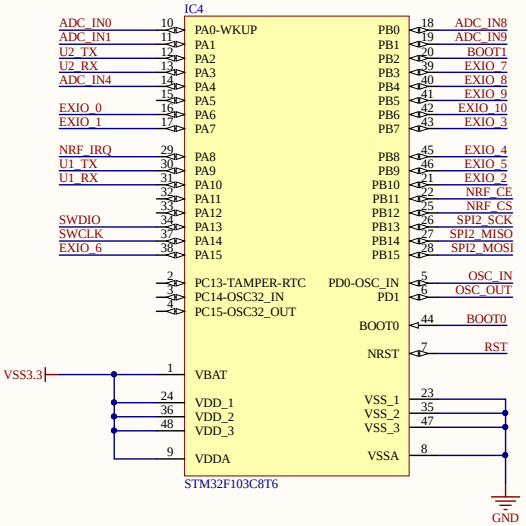
3.7V锂电池接口



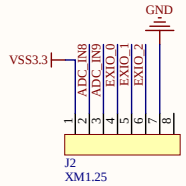
电源开关



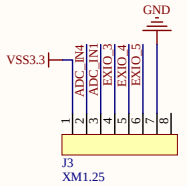
主控MCU



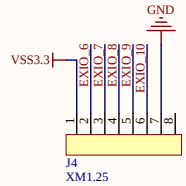
拓展接口1



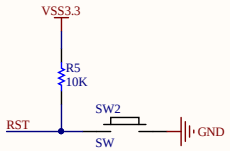
拓展接口2



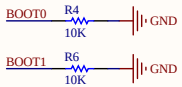
拓展接口3



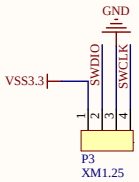
单片机复位键



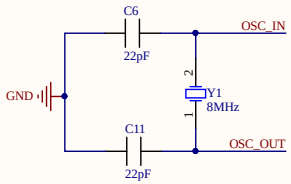
单片机启动方式



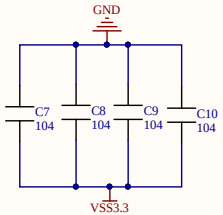
SWD调试接口



单片机晶振



单片机电源滤波



Remote_Core UART_HMI

庞碧璋 2021/12/12

Title			Altium Limited L3, 12a Rodborough Rd Frenchs Forest NSW Australia 2086
Size: A3	Number:	Revision:	
Date: 2021/12/13	Time: 9:09:15	Sheet of	
File: E:\UnderwayProject\Machine_contest\PCB\RemoteControl_V3.0\Remote_Core\Remote_Core.SchDoc			

Comment	Description	Designator	Footprint	LibRef	Quantity
104		C1	C 0603	电容	1
10uF		C2	C 0603	电容	1
22uF		C3	C 0603	电容	1
10uF		C4	C 0603	电容	1
22uF		C5	C 0603	电容	1
22pF		C6	C 0603	电容	1
104		C7	C 0603	电容	1
104		C8	C 0603	电容	1
104		C9	C 0603	电容	1
104		C10	C 0603	电容	1
22pF		C11	C 0603	电容	1
LED	Typical INFRARED	D1	LED 0603	LED	1
PW5100-50		IC1	PW5100	PW5100	1
CH340N		IC2	SOP-8	CH340N	1
PW5100-33		IC3	PW5100	PW5100	1
STM32F103C8T6		IC4	LQPF48 7X7	stm32f103c8t6	1
JP		J1	HDR2.54-LI-2x4P	1X8排针	1
XM1.25		J2	MX1.25 8P	1X8排针	1
XM1.25		J3	MX1.25 8P	1X8排针	1
XM1.25		J4	MX1.25 8P	1X8排针	1
3.3uH		L1	630	电感	1
3.3uH		L2	630	电感	1
XH2.54		P1	XH2.54 2P	1X2排针	1
JP		P2	2.54 _ 4Pin	1X4排针	1
XM1.25		P3	MX1.25	1X4排针	1
1K	Resistor	R1	R 0603	Res	1
10K	Resistor	R2	R 0603	Res	1
10K	Resistor	R3	R 0603	Res	1
10K	Resistor	R4	R 0603	Res	1
10K	Resistor	R5	R 0603	Res	1
10K	Resistor	R6	R 0603	Res	1
SW		SW1	拨动开关 9X3.5X3.	开关	1
SW		SW2	SW SMD 3x6x2.5	弹簧开关	1
100uF/10V		TAN1	6.3*5.4mm 电解电	极性电容	1
Type-C		USB1	USB Type-C	1X4排针	1
8MHz	Crystal Oscillator	Y1	OSC SMD	晶振	1