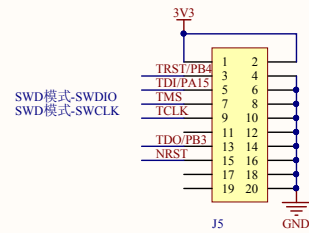
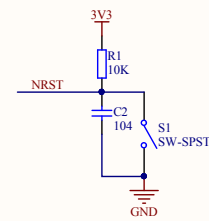


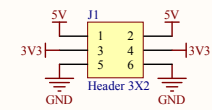
系统供电稳压



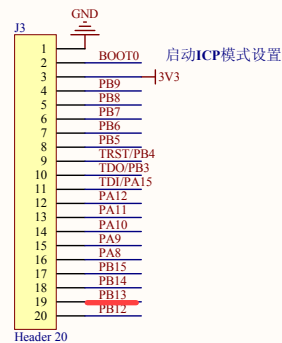
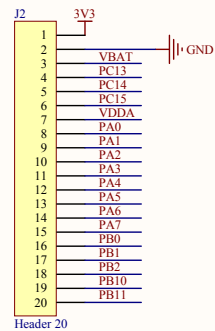
调试JTAG、SWD接口



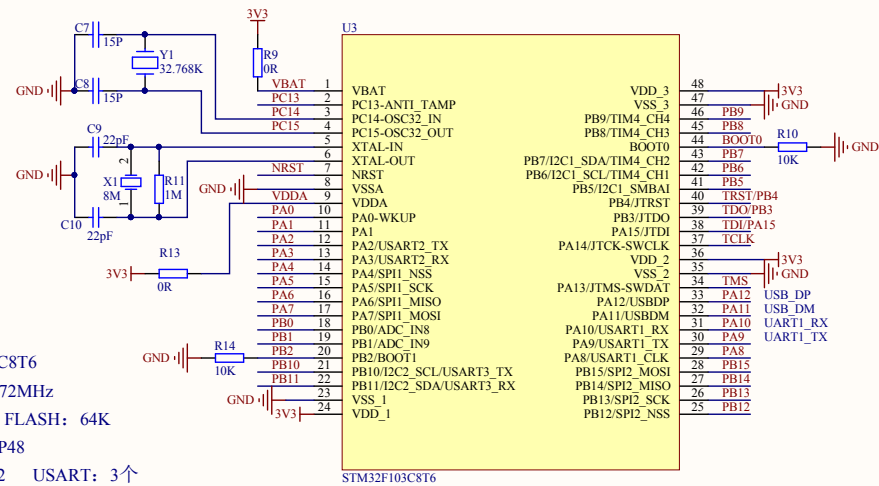
系统复位



扩展供电接口



通用I/O接口



CPU系统

CPU简介

STM32F103C8T6

CPU频率: 72MHz

RAM: 20K FLASH: 64K

封装: LQFP48

通用I/O: 32 USART: 3个

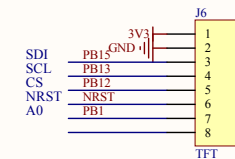
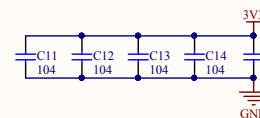
SPI: 2个 USB: 1个

CAN: 1个 IIC: 2个

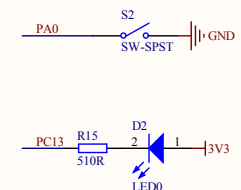
12位同步ADC: 2组 10通道

工作电压：2.0至3.6V

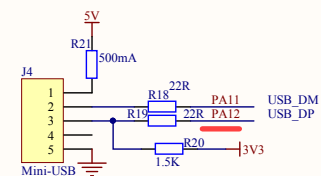
具体详细功能分配请以数据手册为准



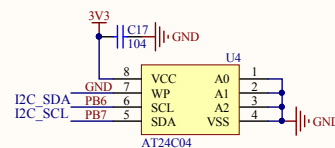
OLED液晶接口



按键和LED灯

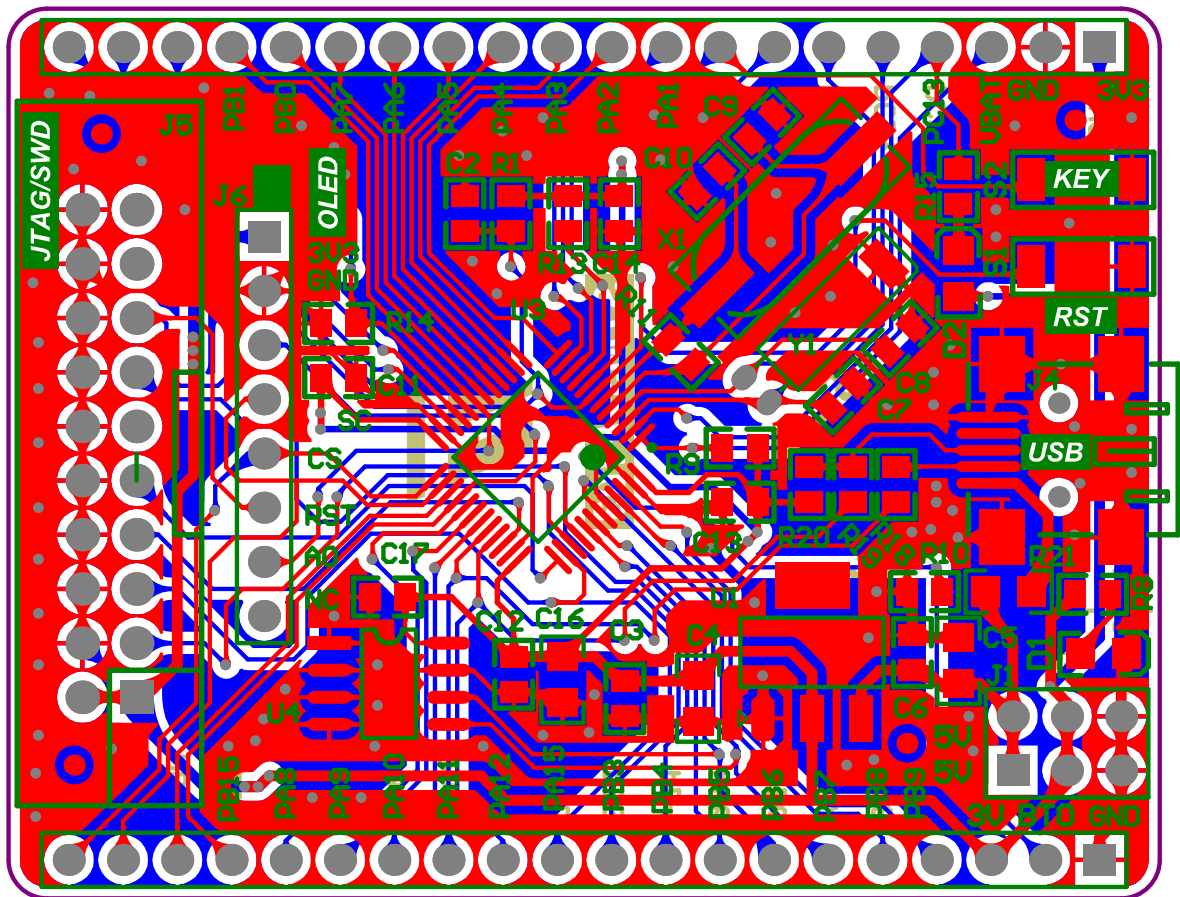


供电及STM32-USB Slave



E2数据存储

Title					
Size A3	Number				Revision
Date:	2014-11-24			Sheet of	
File:	C:\Documents and Settings\... \STM32 SMD PCB.dwg				



Comment	Description	Designator	Footprint	LibRef	Quantity
104	Capacitor	C2, C3, C6, C11, C12, C13, C14, C17	RC0603	CAP1, Cap, CAP, CAP1, CAP1, CAP1, CAP1, Cap	8
10uF	Capacitor, [NoValue]	C4, C5	RC0805	CAPACITOR POL, ELECTRO2	2
15P		C7, C8	RC0603	CAP	2
22pF	Capacitor	C9, C10	RC0603	CAP1	2
106	Capacitor	C16	RC0805	CAP1	1
LED0	Typical INFRARED GaAs LED	D1, D2	LED0805	LED0	2
Header 3X2	Header, 3-Pin, Dual row	J1	IDE3X2-2.54	Header 3X2	1
Header 20	Header, 20-Pin	J2, J3	HDR1X20	Header 20	2
Mini-USB	Header, 5-Pin	J4	mini_USB	Header 5	1
	Header, 10-Pin, Dual row, Right Angle	J5	JTAG20P	Header 10X2H	1
TFT	Header, 8-Pin	J6	HDR1X8	Header 8	1
10K		R1, R10, R14	RC0603	R	3
510R		R8, R15	RC0603	R	2
0R		R9, R13	RC0603	R	2
1M		R11	RC0603	R	1
22R	Resistor	R18, R19	RC0603	Res2	2
1.5K	Resistor	R20	RC0603	Res2	1
500mA	Resistor	R21	RC0805	Res2	1
SW-SPST	Single-Pole, Single-Throw Switch	S1, S2	SMT-KEY	SW-SPST	2
AMS1117-3.3		U1	SOT223	LT1085CM-3.3	1
STM32F103C8T6		U3	LQFP48	STM32F103C8T6	1
AT24C04		U4	SOIC-8P	EPROM	1
8M	Crystal Oscillator	X1	SMD49S	XTAL_SMD	1
32.768K	晶振	Y1	JZ32768	CRYSTAL	1