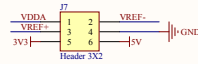
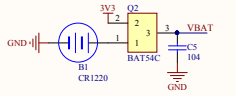


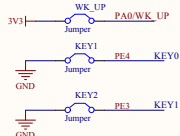
系统稳压供电



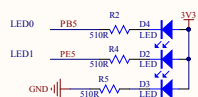
供电分类接口



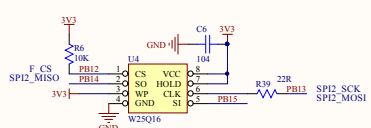
RTC时钟备用电池



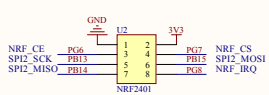
用户自定义按键



自定义LED指示灯



FLASH--W25Q16



nRF24L01无线模块接口

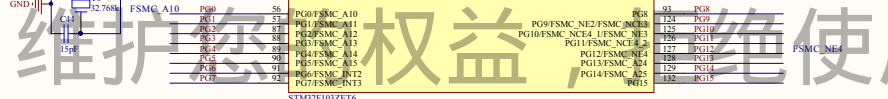
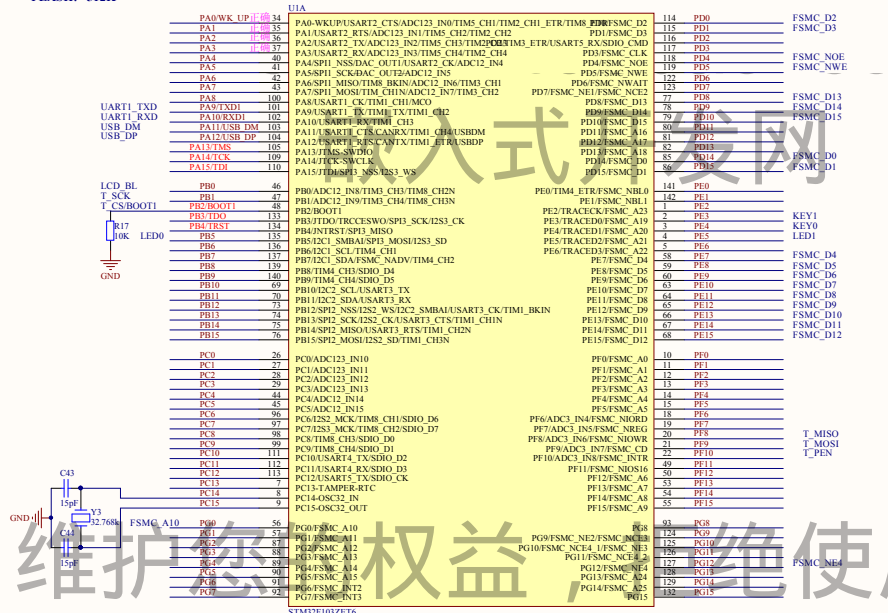
STM32-USB Slave接口

STM32F103ZET6主控芯片

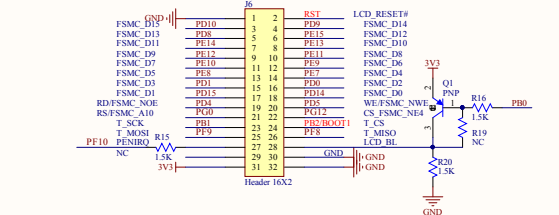
STM32F103系列预配规格: LQFP144
RAM: 64K
FLASH: 512K

JTAG/SWD调试接口

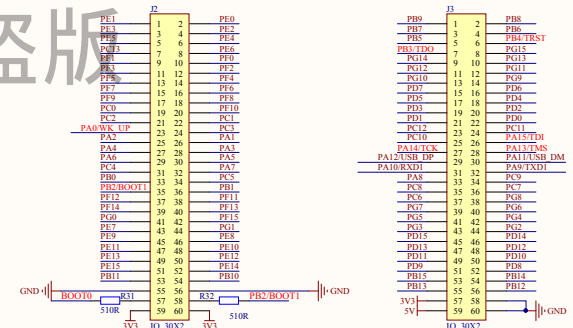
嵌入式开发网 mcudev.taobao.com



USB接口转串口TTL



TFT液晶屏接口



系统所有IO外引接口

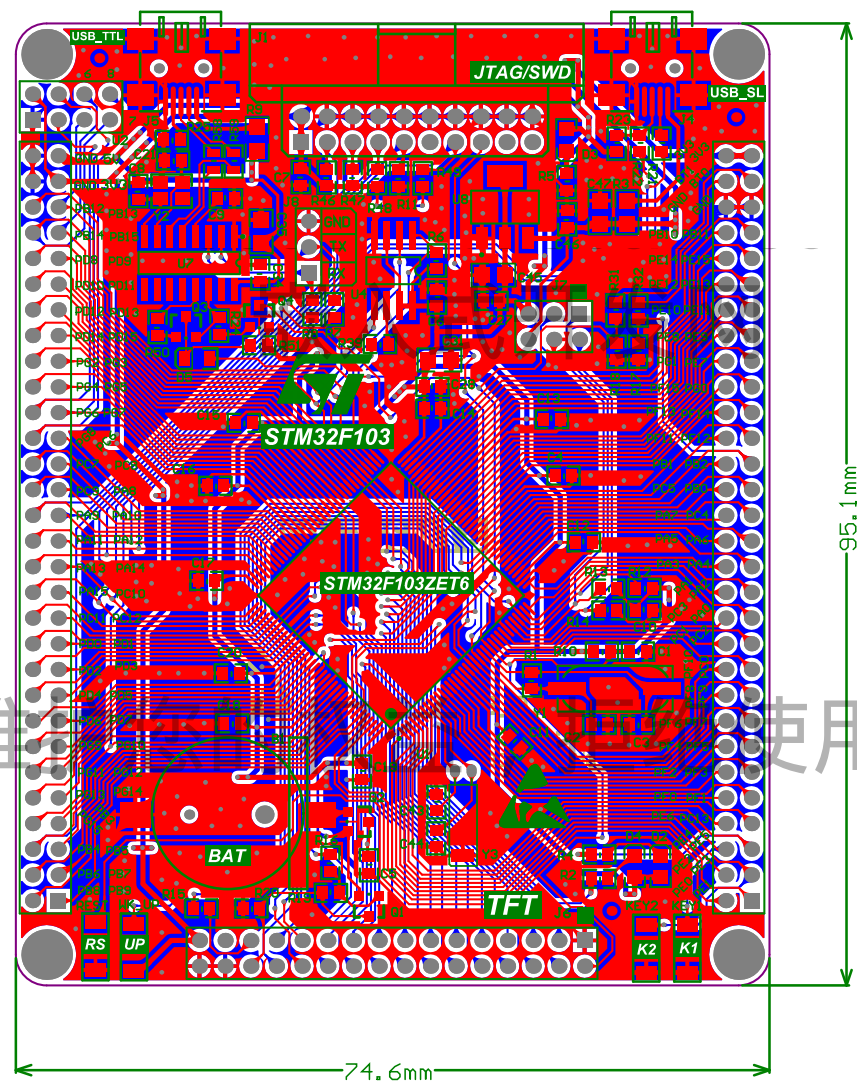
BOOT0	BOOT1	启动方式
0	无	用户闪存
1	0	ISP下载模式
1	1	内部RAM

嵌入式开发网

mcudev.taobao.com

STM32工作模式已经默认接地: 通过J17和R18接地

Title	Number	Revision
A2	2017-7-31	Sheet of 1
File:	C:\Documents and Settings\... \STM32_MK\...	



维 使用盗版

Bill of Materials

<Parameter Title not found>

Source Data From: STM32_MAX.PrjPCB
Project: STM32_MAX.PrjPCB
Variant: None

Creation Date: 2017-7-21 11:04:29
Print Date: 42937 42937.46149

Footprint	Comment	LibRef	Designator	Description	Quantity
CP1220	CR1220	BATTERY	B1		1
RC0603	104	CAP	C1, C4, C5, C6, C7, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C27, C28, C34, C46	Capcitor, Capcitor, Capcitor, [NoValue], Capcitor, Capcitor, Capcitor, Capcitor, Capcitor, Capcitor, Capcitor, Capcitor, Capcitor, Capcitor, Capcitor, [NoValue]	21
RC0603	22pF	CAP	C2, C3, C8, C21	Capcitor, Capcitor, Capcitor, Capcitor	4
L0805	106	CAPACITOR	C31, C35	Capacitor	2
RC0603	15pF	CAP	C43, C44	Capcitor	2
RC0805	106	CAP2	C45, C47		2
LED0805	LED	LED	D2, D3, D4		3
SOD_323	SS14	Diode	D5	Default Diode	1
JTAG20P	ARM_JTAG	JTAG	J1	JTAG	1
IDE2X30	IO_30X2	Header 30X2	J2, J3	Header, 30-Pin, Dual row	2
MINUSB	USB	usb	J4, J5		2
IDE2X16-2.54	Header 16X2	Header 16X2	J6	Header, 16-Pin, Dual row	1
IDE2X6-2.54	Header 3X2	Header 3X2	J7	Header, 3-Pin, Dual row	1
HDR1X3	USB-COM	Header 3	J8	Header, 3-Pin	1
key	Jumper	Jumper	KEY1, KEY2, REST, WK_UP	Jumper Wire	4
PNP_SOT23	PNP	PNP	Q1, Q4	PNP Bipolar Transistor	2
BAT54C	BAT54C	BAT54C	Q2		1
NPN_SOT23	NPN	2N3904	Q3	NPN General Purpose Amplifier	1
RC0603	1M	Res1, RES	R1, R25	Resistor, [NoValue]	2
RC0603	510R	RES, RES, RES	R2, R4, R5, R31, R32	[NoValue], [NoValue], [NoValue], Resistor, Resistor	5
RC0805	500mA	RES	R3, R9		2
RC0603	10K	RES, Res2, Res2, Res2, RES, RES, RES, Res2	R6, R10, R11, R17, R18, R46, R47, R48, R49, R51	[NoValue], Resistor, Resistor, Resistor, Resistor, [NoValue], [NoValue], [NoValue], [NoValue], Resistor	10
RC0603	10R	Res2	R7, R8, R12, R13, R14	Resistor	5
RC0603	1.5K	RES	R15, R16, R20, R23		4
RC0603	NC	RES	R19		1
RC0603	22R	RES	R21, R22, R39, R58, R59		5
RC0603	1K	Res2	R24, R50	Resistor	2
LQFP144N	STM32F103ZET6	STM32F103ZET6	U1		1
2*4	NRF2401	Header 4X2	U2	Header, 4-Pin, Dual row	1
SOIC8P	W25Q16	W25X16	U4		1
SOP16M	CH340G	CH340G	U7	USB2UART	1
SOT223	AMS1117-3.3V	11	U8		1
SMD49S	8MHz	XTAL	Y1	Crystal Oscillator	1
SMD_32x25mm	12MHz	Crystal	Y2		1
32.768k	32.768k	CRYSTAL	Y3	Crystal 8MHz PLUG	1

Approved	Notes