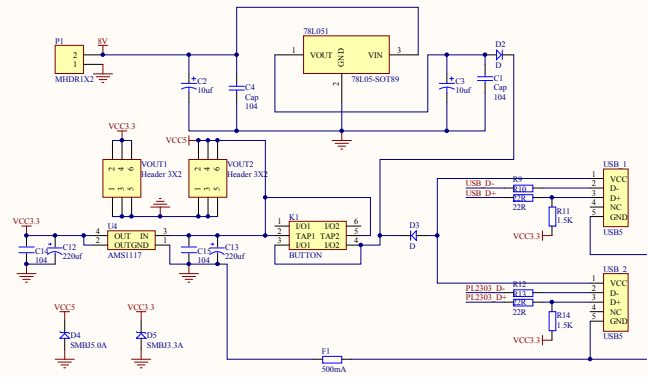
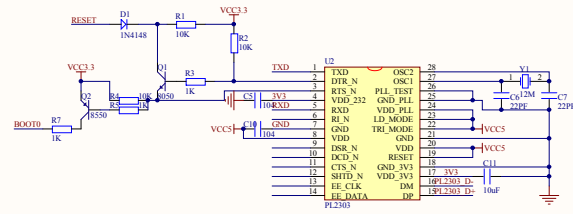


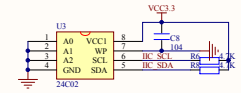
POWER



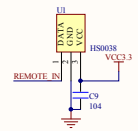
PL2303



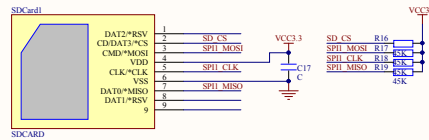
EEPROM



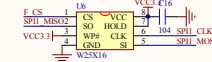
REMOTE



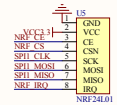
SD_Card



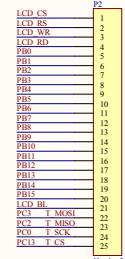
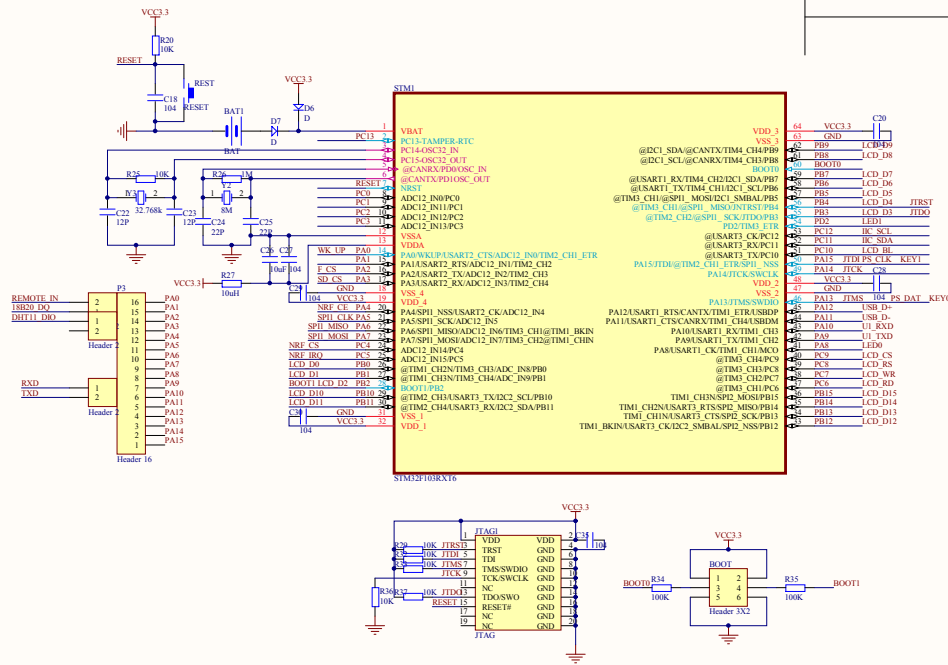
W25_Flash



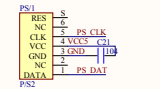
NRF24L01



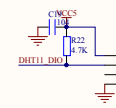
MCU



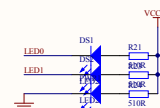
PS2



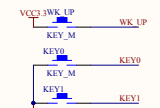
DHT11



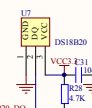
LED



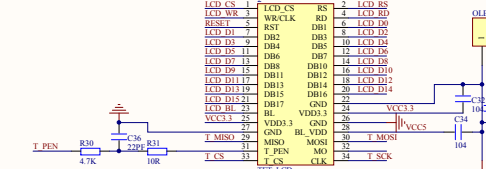
KEY



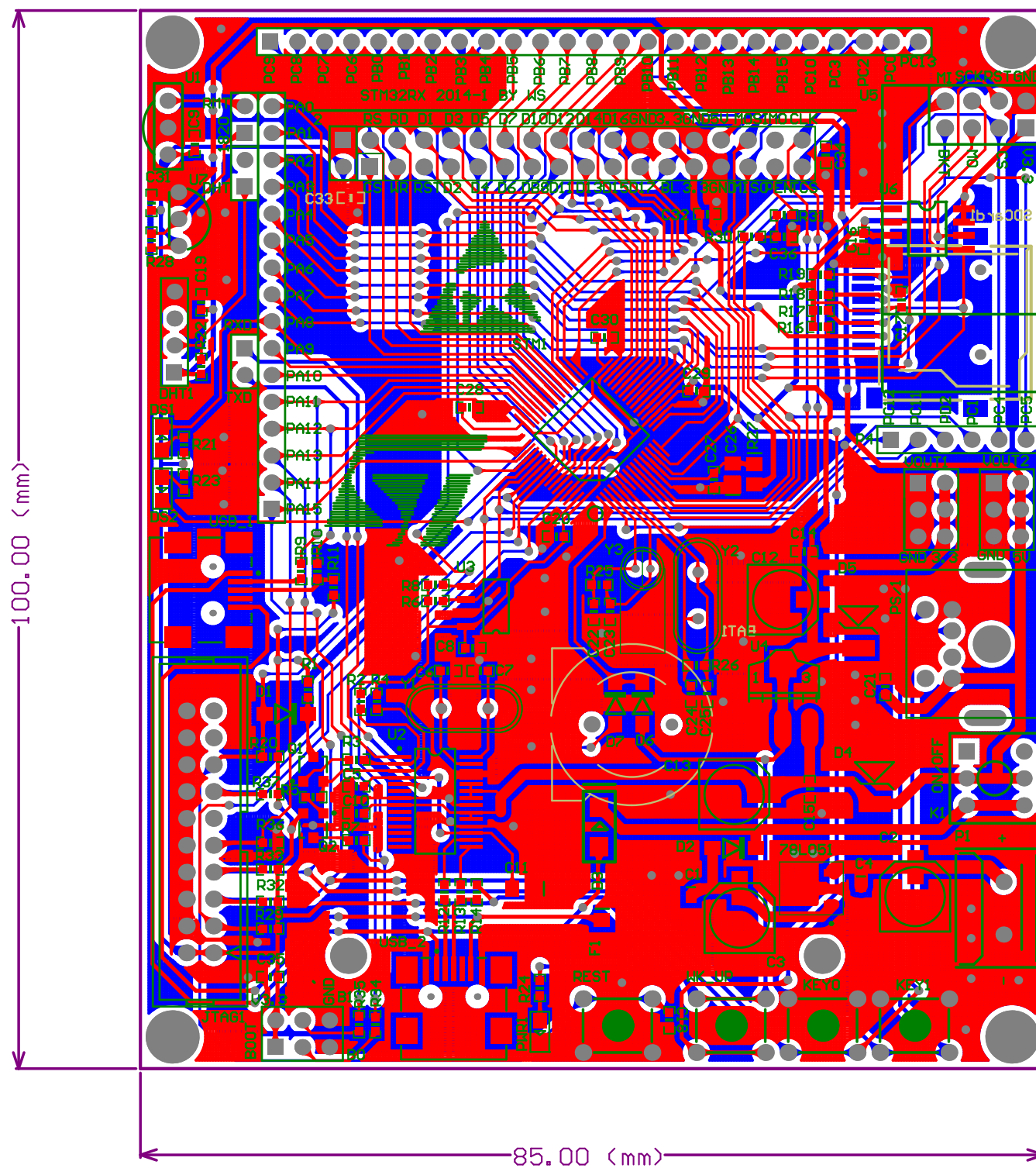
DS18B20



TFT

ST1
ST-WSST2
ST-WS2

Title		
Size	Number	Revision
A2		
Doc	2014/1/13	
File	G:\MC\STM32\STM32F103R16\Doc	Sheet of
	Drawn By	



Bill of Materials

<Parameter Title not found>

Source Data From: PCB_STM32RX.PrjPCB
Project: PCB_STM32RX.PrjPCB
Variant: None

Creation Date: 2014/1/13 14:11:58
Print Date: 41652 41652.59205

Footprint	Comment	LibRef	Designator	Description	Quantity
DB2*17	TFT_LCD	TFT_LCD	2		1
SOT89	78L05-SOT89	78L05-SOT89	78L051		1
BATM	BAT	BAT	BAT1		1
HDR2X3	Header 3X2	Header 3X2	BOOT, VOUT1, VOUT2	Header, 3-Pin, Dual row	3
0603	Cap	Cap	C1, C4	Capacitor	2
CO6.56.5	10uf	Cap Pol3	C2, C3	Polarized Capacitor (Surface Mount)	2
0603P	104	C	C5, C8, C9, C10, C14, C15, C16, C18, C19, C20, C21, C27, C28, C29, C30, C31, C32, C33, C34, C35		20
0603P	22PF	C	C6, C7, C36		3
0805	10uF	C	C11, C26		2
CO6.56.5	220uf	CAP	C12, C13		2
0603P	C	C	C17		1
0603P	12P	C	C22, C23		2
0603P	22P	C	C24, C25		2
DIODE_SOP	1N4148	D	D1	1N4148	1
DIODE_SOP	D	D	D2, D6, D7	1N4148	3
SMA	D	D	D3	1N4148	1
SMBJ	SMBJ5.0A	SMBJ	D4	TVS	1
SMBJ	SMBJ3.3A	SMBJ	D5	TVS	1
HDR1X4	DHT11	DHT11	DHT1		1
SMDLED	LED2	LED2	DS1, DS2, PWR1	Typical RED, GREEN, YELLOW, AMBER GaAs LED	3
0805	500mA	R	F1		1
JTAG_20	JTAG	JTAG	JTAG1		1
BTN8.5*8.5	BUTTON	BUTTON	K1		1
KEY_M	KEY_M	KEY_M	KEY0, KEY1, WK_UP		3
HDR1X2	Header 2	Header 2	OLED1, OLED2, OLED3, OLED4	Header, 2-Pin	4
KF301-2P	MHDR1X2	MHDR1X2	P1	Header, 2-Pin	1
HDR1X25	Header 25	Header 25	P2	Header, 25-Pin	1
HDR1X16	Header 16	Header 16	P3	Header, 16-Pin	1
HDR1X6	Header 6	Header 6	P4	Header, 6-Pin	1
PS2-6PIN	P/S2	P/S2	PS/1		1
SOT-23R	8050	NPN	Q1	8050/BCW846/BCW847	1
SOT-23R	8550	PNP	Q2	8550/BCW68	1
0603P	10K	R	R1, R2, R4, R20, R25, R29, R32, R33, R36, R37		10
0603P	1K	R	R3, R5, R7		3
0603P	4.7K	R	R6, R8, R22, R28, R30		5
0603P	22R	R	R9, R10, R12, R13		4
0603P	1.5K	R	R11, R14		2
0603P	45K	R	R16, R17, R18, R19		4
0603P	510R	R	R21, R23, R24		3
0603P	1M	R	R26		1
0805	10uH	R	R27		1
0603P	10R	R	R31		1
0603P	100K	R	R34, R35		2
KEY_M	RESET	KEY_M	REST		1
TF-Card	SDCARD	SDCARD	SDCard1		1
ST2	ST-WS	ST-WS	ST1		1
ST	ST-WS2	ST-WS2	ST2		1
LQFP64	STM32F103RXT	STM32F103RXT	STM1		1
HS0038	HS0038	HS0038	U1		1
ssop28	PL2303	PL2303	U2		1
SOP-8	24C02	24C256	U3		1
AMS1117	AMS1117	AMS1117	U4		1
NRF24L01	NRF24L01	NRF24L01	U5		1
SOIC-8	W25X16	W25X16	U6	W25X16;SST25VF016;MX25L1605	1
DS18B20	DS18B20	DS18B20	U7		1
USB/SM0.8-6H5	USB5	USB5	USB_1, USB_2		2
XTA	12M	XTAL	Y1	Crystal Oscillator	1
XTA	8M	XTAL	Y2	Crystal Oscillator	1
32.768KHZ	32.768k	XTAL	Y3	Crystal Oscillator	1

Approved	Notes