

UART1

Pin 7 Header Diagram: 5.0V, GND, UART1, 5.0V. Pin 7 is connected to UART1. Pin 2 is connected to UART1. Pin 3 is connected to UART1. Pin 4 is connected to UART1. Pin 5 is connected to UART1. Pin 6 is connected to UART1.

Pin 8 Header Diagram: 5.0V, GND, UART1, 5.0V. Pin 8 is connected to UART1. Pin 2 is connected to UART1. Pin 3 is connected to UART1. Pin 4 is connected to UART1. Pin 5 is connected to UART1. Pin 6 is connected to UART1.

Pin 9 Header Diagram: 3.3V, GND, UART1, 3.3V. Pin 9 is connected to UART1. Pin 2 is connected to UART1. Pin 3 is connected to UART1. Pin 4 is connected to UART1. Pin 5 is connected to UART1. Pin 6 is connected to UART1.

预留蓝牙/Zigbee

Bluetooth/Zigbee Pin Header Diagram: 3.3V, GND, UART1, 3.3V. Pin 1 is connected to UART1. Pin 2 is connected to UART1. Pin 3 is connected to UART1. Pin 4 is connected to UART1. Pin 5 is connected to UART1. Pin 6 is connected to UART1.

预留气压力计

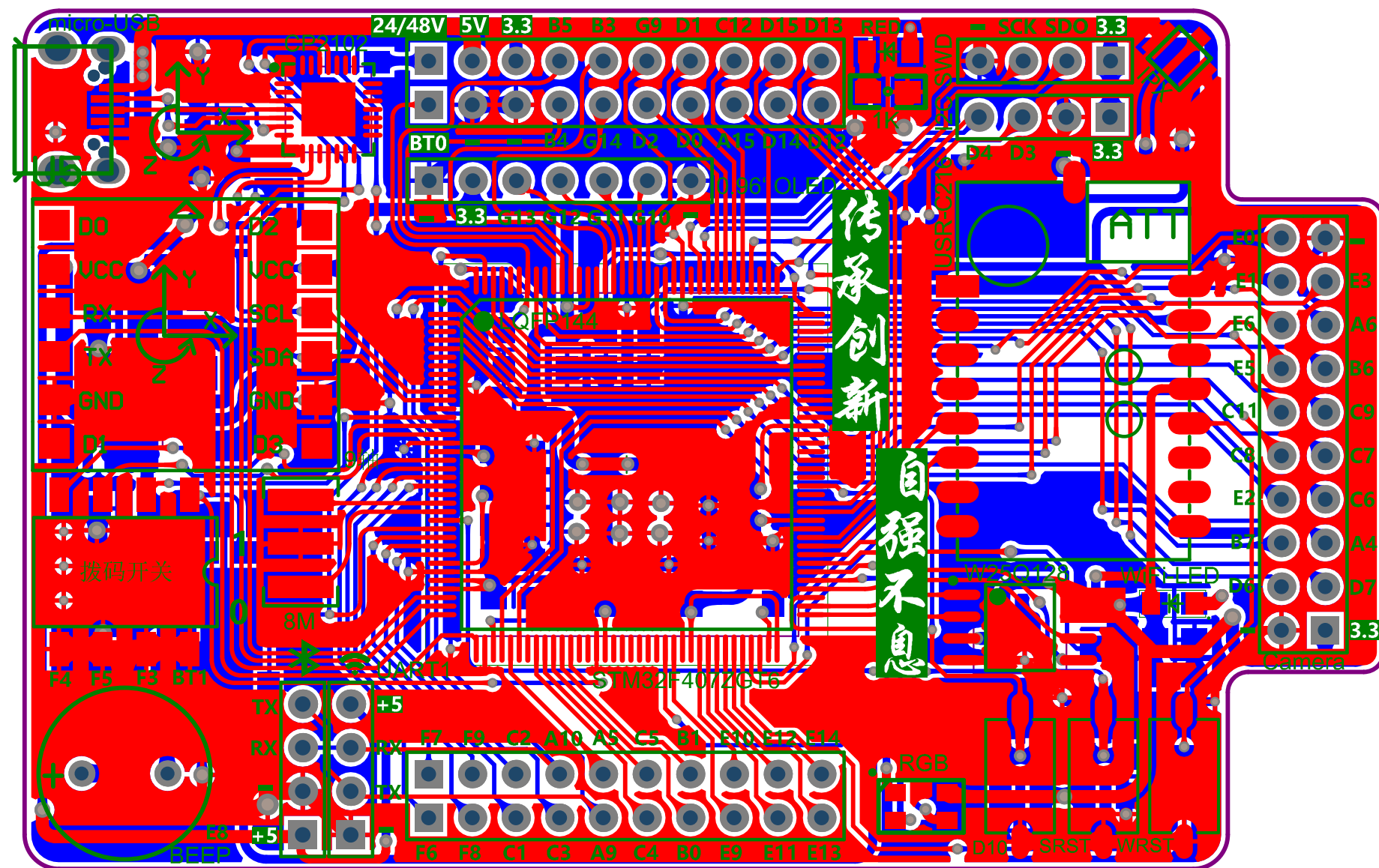
Pressure Sensor Pin Header Diagram: 3.3V, GND, UART1, 3.3V. Pin 1 is connected to UART1. Pin 2 is connected to UART1. Pin 3 is connected to UART1. Pin 4 is connected to UART1. Pin 5 is connected to UART1. Pin 6 is connected to UART1.

COMMENTS:

绿色字体为技术参数
 红色字体为功能说明
 蓝色字体为模块名称

C26 Pin Header Diagram: 3.3V, GND, UART1, 3.3V. Pin 1 is connected to UART1. Pin 2 is connected to UART1. Pin 3 is connected to UART1. Pin 4 is connected to UART1. Pin 5 is connected to UART1. Pin 6 is connected to UART1.

Title		Revision	
Size	Number		
A2			
Date:	2019/8/13	Sheet	of
File:	D:\Mv\Corr_Controller V4.0 SchDoc	Drawn By:	



Comment	Description	Designator	Footprint	LibRef	Quantity
BEEP		B1	BUZZER	BEEP	1
10uF	极性贴片电容	C1, C3	TAJ-A	Pol Cap	2
104	无极贴片电容, 无极贴片电容, 无极贴片电容, 无极贴片电容, [NoValue], 无极贴片电容, [NoValue], [NoValue], [NoValue], [NoValue], [NoValue], [NoValue], [NoValue], 无极贴片电容, [NoValue], [NoValue], 无极贴片电容	C2, C4, C6, C7, C8, C11, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C24, C25, C26	0805C	Cap1, Cap1, Cap1, Cap1, Cap1, C1, Cap1, C1, C1, C1, C1, C1, C1, Cap1, C1, C1, Cap1	19
226	无极贴片电容, [NoValue], [NoValue]	C5, C9, C10	0805C	Cap1, C1, C1	3
106		C12	0805C	C1	1
103	无极贴片电容	C23	0805C	Cap1	1
SMBJ3.3A (KC)	二极管	D1	SMBJ	Diode	1
SS14	二极管	D2	SMA/DO-214AC	Diode	1
0.5A保险丝	保险丝	F1	1206R	Fuse	1
IPX		J1	IPX天线底座	IPX天线座	1
WRST	轻触开关	K1	贴片按键	轻触按键	1
D10		K2	贴片按键	Key(两脚贴片)	1
SRST		K3	贴片按键	Key(两脚贴片)	1
RED	发光二极管	LED1	0805LED(RED)	LED	1
WiFi-LED	发光二极管	LED2	0805LED(GREEN)	LED	1
SWD	排针	P1	Header 4	Header 4	1
拨码开关	4位拨码开关	P2	拨码开关(4位贴片)	拨码开关4	1
0.96' OLED	排针	P3	Header 7	Header 7	1
		P4, P5	Header 10X2	Header 10X2	2
Camera		P6	Header 10X2	Header 10X2	1
UART1	排针	P7, P8	Header 4(排母)	Header 4	2
I2C	排针	P9	Header 4(排母)	Header 4	1
S8050	NPN三极管	Q1	SOT-23	NPN	1
1K	[NoValue], 电阻, 电阻, 电阻	R1, R5, R11, R12	0805R	R1, Res, Res, Res	4
1K	排阻	R2, R8	排阻(4位贴片)	Res-4	2
10R		R3	0805R	R1	1
0Ω		R4	0805R	R1	1
10K	[NoValue], [NoValue], 电阻, 电阻	R6, R7, R15, R16	0805R	R1, R1, Res, Res	4
2M		R9	0805R	R1	1
200K		R10	0805R	R1	1
0R	电阻	R13, R14	0805R	Res	2
STM32F407ZGT6		U1	LQFP-144	STM32F407ZET6	1
TPS7333	3.3V电源芯片	U2	SOP-8	TPS7333	1
micro-USB	USB接口	U4	Micro-USB (兼容牛角)	micro-USB	1
9轴加速度计模块		U5	9轴加速度计	9轴加速度计	1
W25Q128	FLASH芯片	U6	SOW-8	W25Q128	1
USR-C216		U7	USR-C216	USR-C216	1
RGB		U8	RGB-3528	RGB	1
CP2102	USB转串口芯片	U?	QFN-28	CP2102	1
8M		X1	三脚贴片8M晶振	XTAL三脚贴片晶振	1