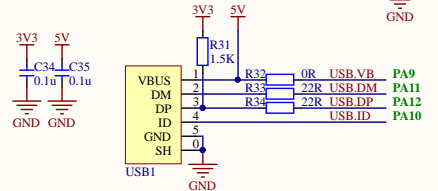
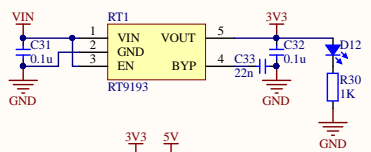
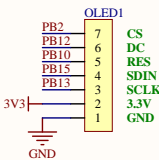
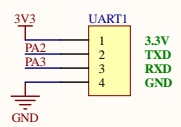
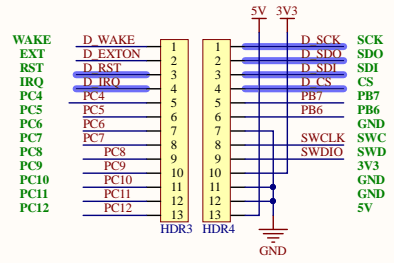
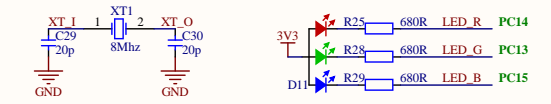
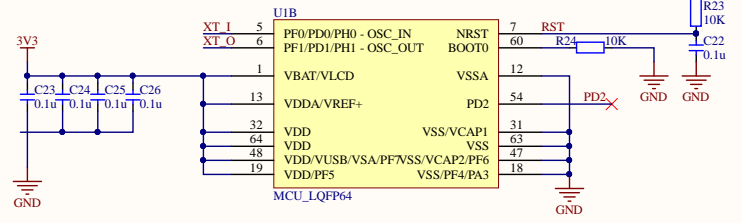
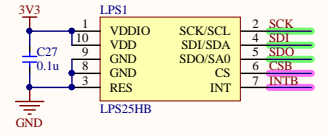
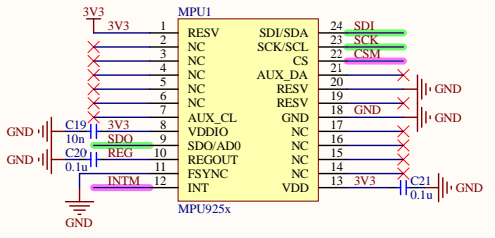


ARM CortexM4

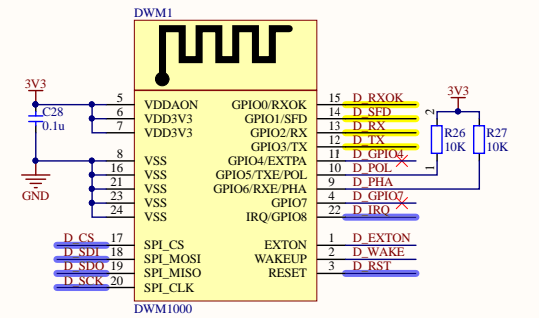
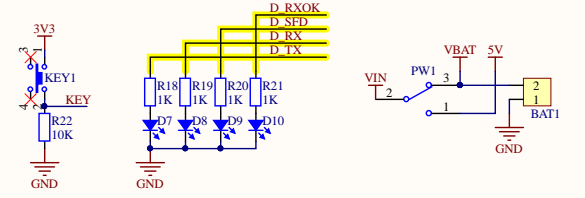
- 3-Axis Gyroscope
- 3-Axis Accelerometer
- 3-Axis Compass
- 1-Axis Barometer

Sensor I2C Address			
CS	LOW	LOW	HIGH
MPU_ADDR	0xD0	0xD2	
LPS_ADDR	0xB8	0xBA	



DecaWave DWM1000 Module

- IEEE802.15.4-2011 USB
- Data rate up to 6.8 Mb/s
- Communications range up to 300 m
- Supports TOF and TDOA location



DWM1000

Title		
Size	Number	Revision
A3		
Date:	2016/9/17	Sheet of
File:	C:\Users\... \Sheet1.SchDoc	Drawn By:

Comment	Description	Designator	Footprint	LibRef	Quantity
HDR1x2_2.54	Header	BAT1	HDR1X2_2.54_180HD	HDR1x2_2.54T	1
4.7uF	Capacitor,4.7uF,25V, X7R,10%,1206,YAGEO	C18	CAP_0805	Cap_2.2uF_X7R_10%_0805	1
Cap_0402	Capacitor	C19, C20, C21, C27	CAP_0603	Cap_0402	4
Cap_0402	Capacitor	C22, C23, C24, C25, C26, C29, C30	CAP_0805	Cap_0402	7
Cap_0603	Capacitor	C28, C31, C32, C33, C34, C35	CAP_0805	Cap_0603	6
LED_0603	LED	D7, D8, D9, D10, D12	led0805	LED_0603	5
LED_1616_RGB	LED	D11	LED_1616_RGB	LED_1616_RGB	1
DWM1000	Module	DWM1	DWM1000	DWM1000	1
HDR1x13_2.54	Header	HDR3	HDR1X13_2.54_180	HDR1x13_2.54	1
HDR1x13_2.54T	Header	HDR4	HDR1X13_2.54_180	HDR1x13_2.54T	1
ButtonTACT	Button	KEY1	贴片按键	ButtonTACT	1
LPS25HB	Sensor Pressure	LPS1	LPS25	LPS25Hx	1
MPU925x	Sensor Motion	MPU1	QFN24...	MPU925x	1
HDR*7/2.54		OLED1	SIP7	HDR*7/2.54	1
SwitchSPDT_2.8x6.6_90	Switch	PW1	SwitchSPDT_2.8X6.6_90	SwitchSPDT_2.8x6.6_90	1
Res_0603	Resistor	R18, R19, R20, R21, R22, R26, R27, R30, R32, R33, R34	RES_0805	Res_0603	11
Res_0402	Resistor	R23, R24, R25, R28, R29	RES_0805	Res_0402	5
Res_0603	Resistor	R31	RES_0603	Res_0603	1
RT9193	Power	RT1	SOT23-5	RT9193	1
MCU_LQFP64		U1	STM32F_64	MCU_LQFP64	1
JTAG_SWD	Header, 4-Pin	UART1	HDR1X4_180_2.54	Header 4	1
USB_Micro	USB	USB1	usb mic	USB_Micro	1
8Mhz	Crystal Oscillator	XT1	晶振	XTAL	1