

6

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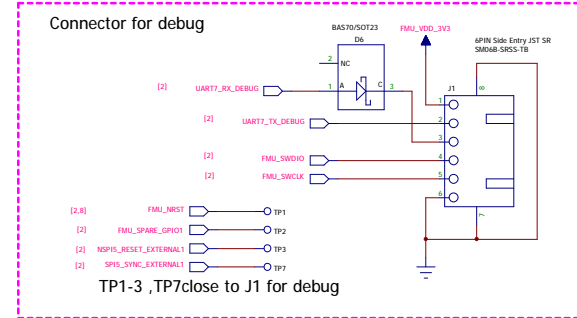
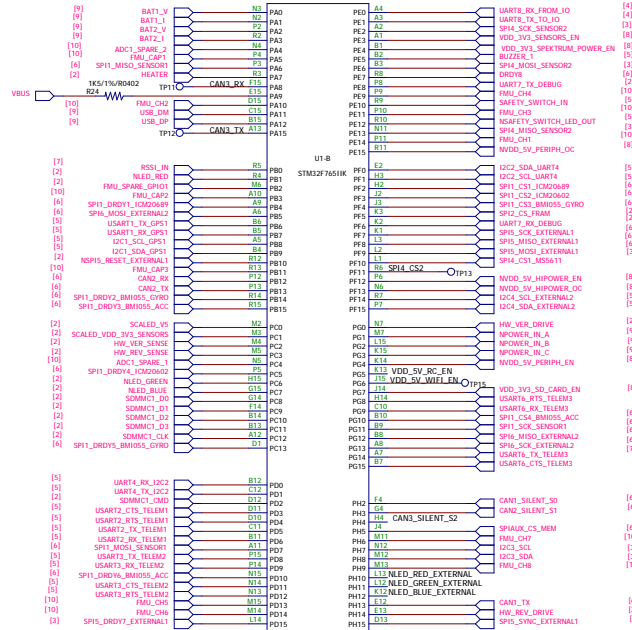
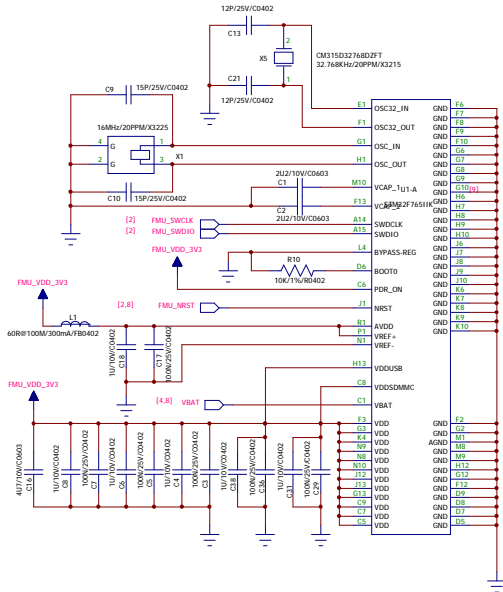
10 signal pin are not used:

- SPI4_CS2 is not used, because ms5611 is on SPI4
- CAN3_RX,CAN3_TX,CAN3_SILENT_S2,VDD_5V_RC_EN,VDD_5V_WIFI_EN are not used
- SPI5_CS3_EXTERNAL1,NLED_RED/GREEN/BLUE_EXTERNAL are not used, to save PCB room

REVISION RECORD			
LTR	ECO NO.	APPROVED:	DATE:

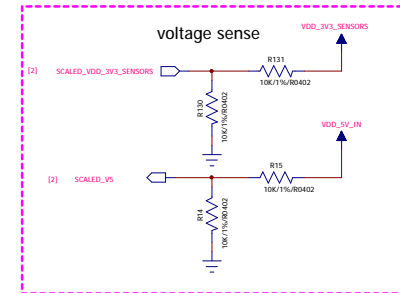
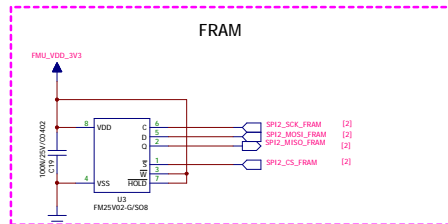
D

D



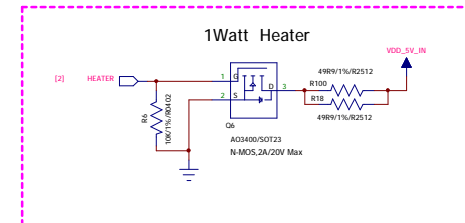
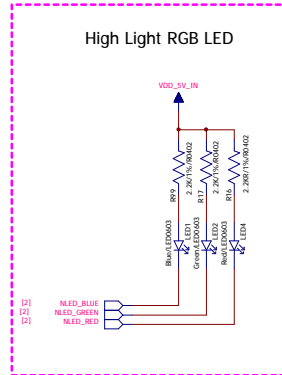
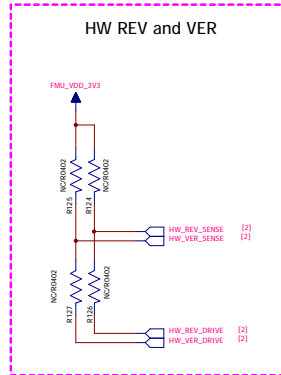
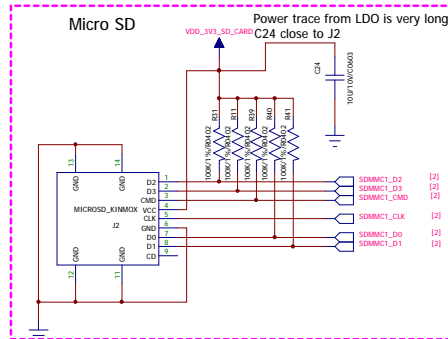
C

C



B

B



A

A

DRAWN: Jamming		DATED: 2017/4/20		COMPANY: Holybro	
CHECKED: Jamming		DATED: 2018/02/26		TITLE: Pixhawk4 Main Board	
QUALITY CONTROL:		DATED:		CODE: 023	
RELEASED:		DATED:		SIZE: A2	
				Sheet: STM32F7651HK	
				REV: V1.0	
SCALE:				SHEET: 2 OF 10	

6

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D

D

C

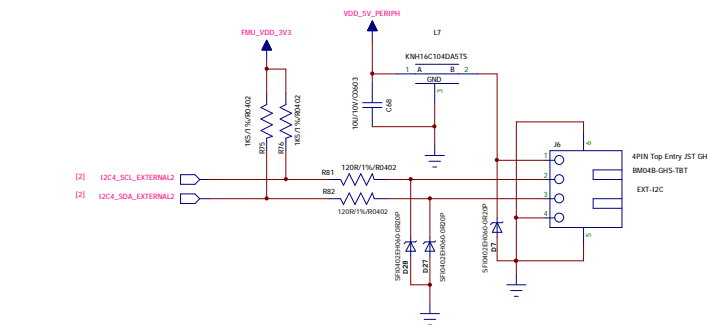
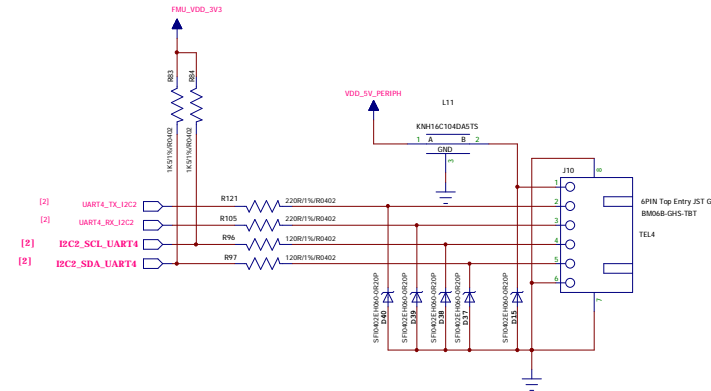
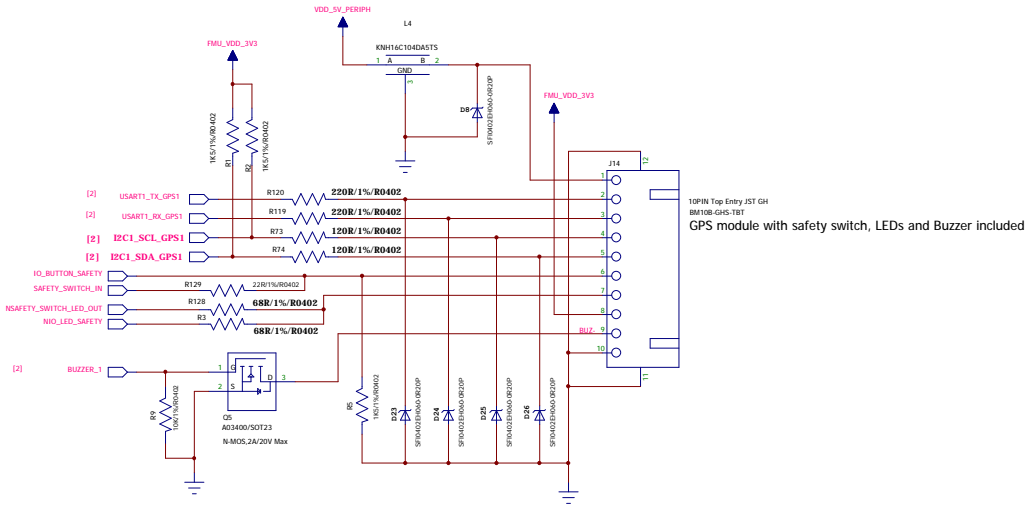
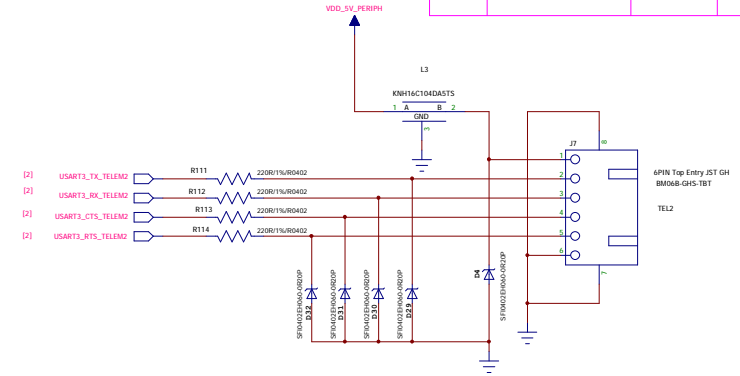
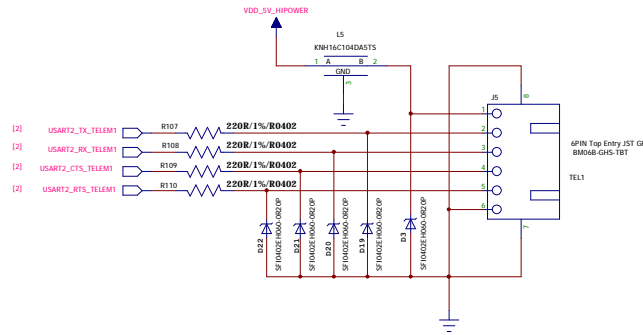
C

B

B

A

A



REVISION RECORD			
LTR	ECD NO.	APPROVED:	DATE:

COMPANY: Holybro			
TITLE: Pixhawk4 Main Board			
DRAWN: Jamming	DATED: 2017/4/20	CODE: 023	SIZE: A2
CHECKED: Jamming	DATED: 2018/02/26	Sheet: UART and I2C	REV: V1.0
QUALITY CONTROL:	DATED:	SCALE:	
RELEASED:	DATED:	SHEET: 5 of 10	

6

5

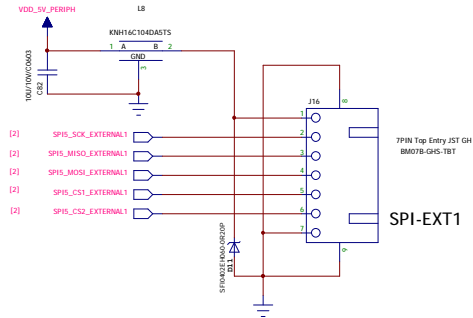
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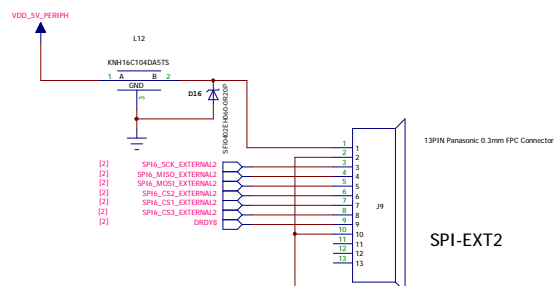
2

1

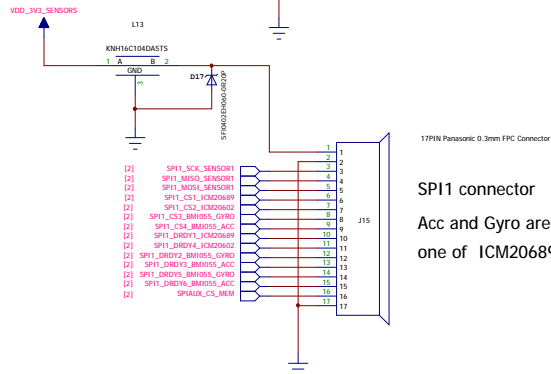
REVISION RECORD			
LTR	ECD NO.	APPROVED:	DATE:



SPI-EXT1

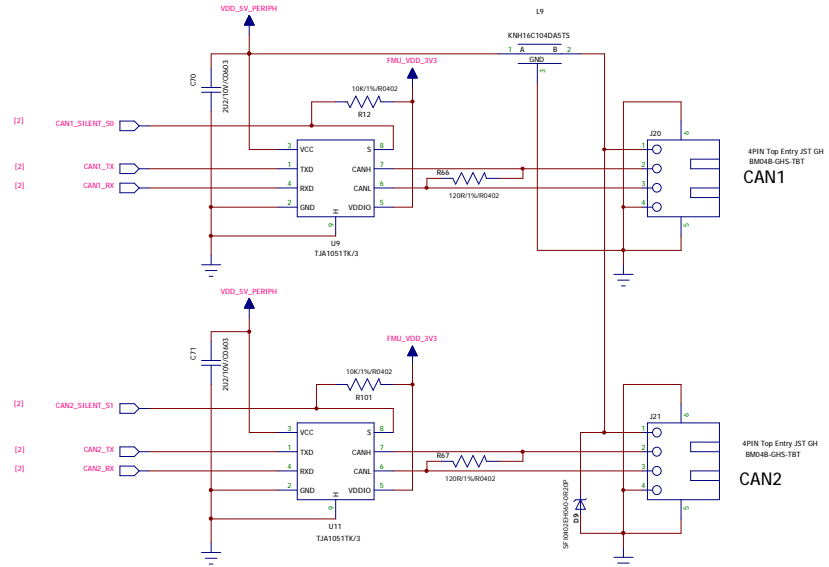


SPI-EXT2



SPI1 connector

Acc and Gyro are off board , Shock-absorbing design
one of ICM20689, ICM20602, BMI055 or two of them



CAN1

CAN2

COMPANY: Holybro			
TITLE: Pixhawk4 Main Board			
DRAWN: Jamming	DATED: 2017/4/20	CODE: 023	SIZE: A2
CHECKED: Jamming	DATED: 2018/02/26	SHEET: CAN and SPI	REV: V1.0
QUALITY CONTROL:	DATED:	SCALE:	SHEET: 6 of 10
RELEASED:	DATED:		