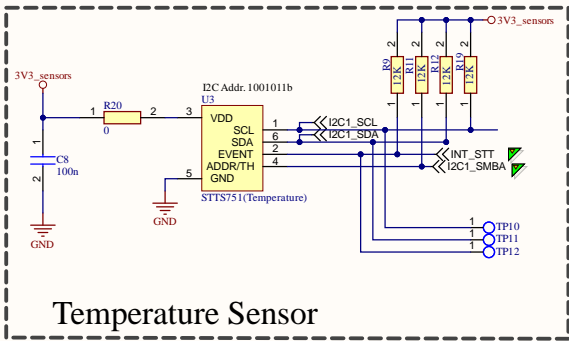
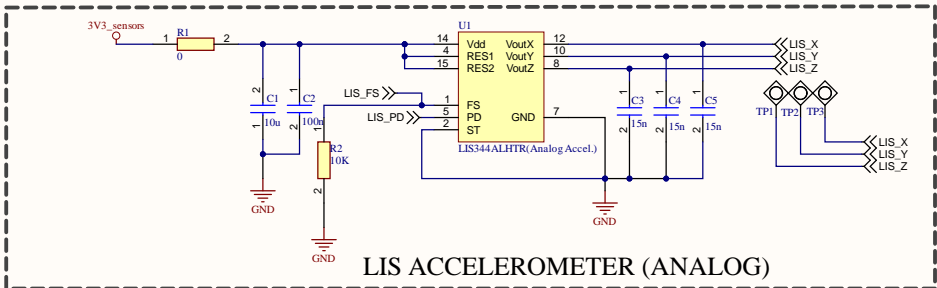
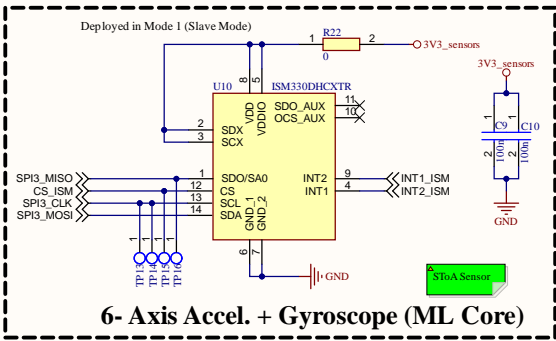
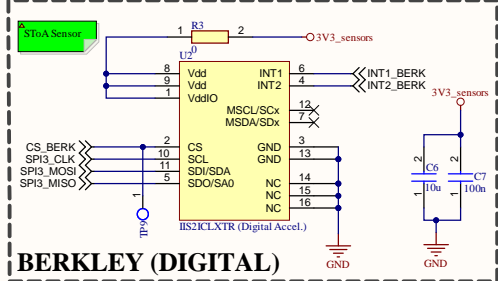


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# SENSORS



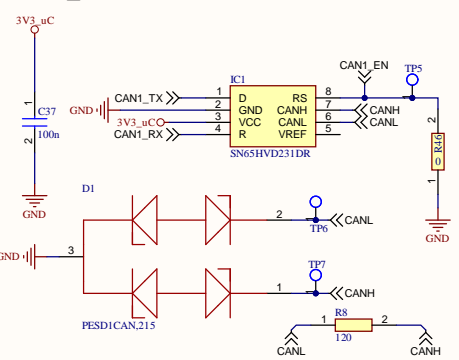
Criteria of selecting sensors:  
0. Name LSM6DSGX / LSM6DSGO /  
1. Noise Density [ug/sqrt(Hz)] 60 / 70/  
2. Range of all is +-2 / +-16 g  
3. Current Consumption uA 1200 / 550/  
4. ML Core N/A / Si



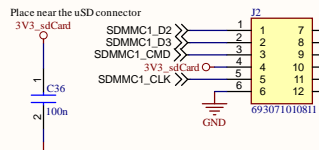
APPROVALS	DATE	PROJECT	Altium	ADDRESS 1
ENG: -	-/-/-	*		ADDRESS 2
DSN: -	-/-/-	PROJECT REVISION	Not in version control	ADDRESS 3
CHK: -	-/-/-	DOCUMENT REVISION	Not in version control	ADDRESS 4
REFERENCE DOCUMENTS		TITLE	* mems.SchDoc	
BOM:		SIZE	CAGE CODE	DWG NO.
ASSY DWG:		B		REV
FAB DWG:		SCALE:	FILE NAME	SHEET 1 OF 4
PCB DWG:				

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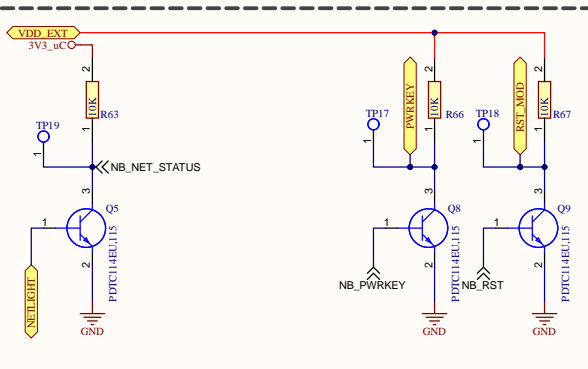
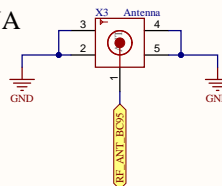
## CAN\_BUS Connection



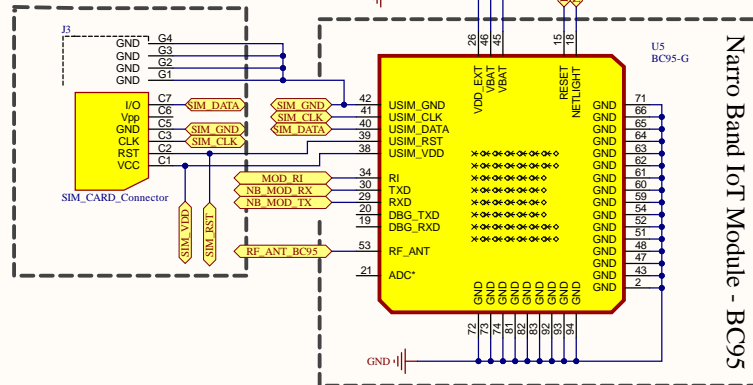
## SD Card Connector



## ANTENNA

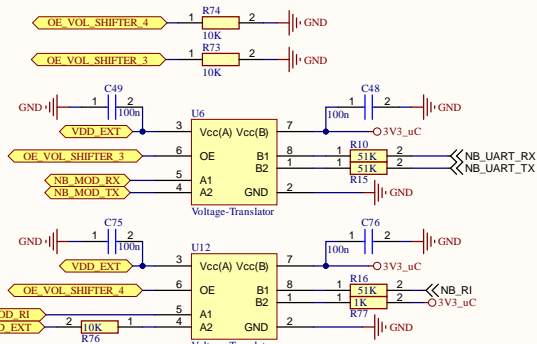


## NANO SIM CARD CONNECTOR

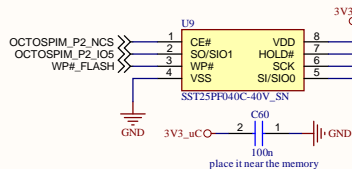


Nano Band IoT Module - BC95

## NB-Module 2 MCU Voltage shifter



## NON Volatile Flash Memory - SPI connection



APPROVALS	DATE	PROJECT
ENG: -		
DSN: -		
CHK: -		
REFERENCE DOCUMENTS	SIZE	CAGE CODE
BOM:	B	
ASSY DWG:		
FAB DWG:		
PCB DWG:		
FILE NAME	connectors.SchDoc	SHEET 2 OF 4

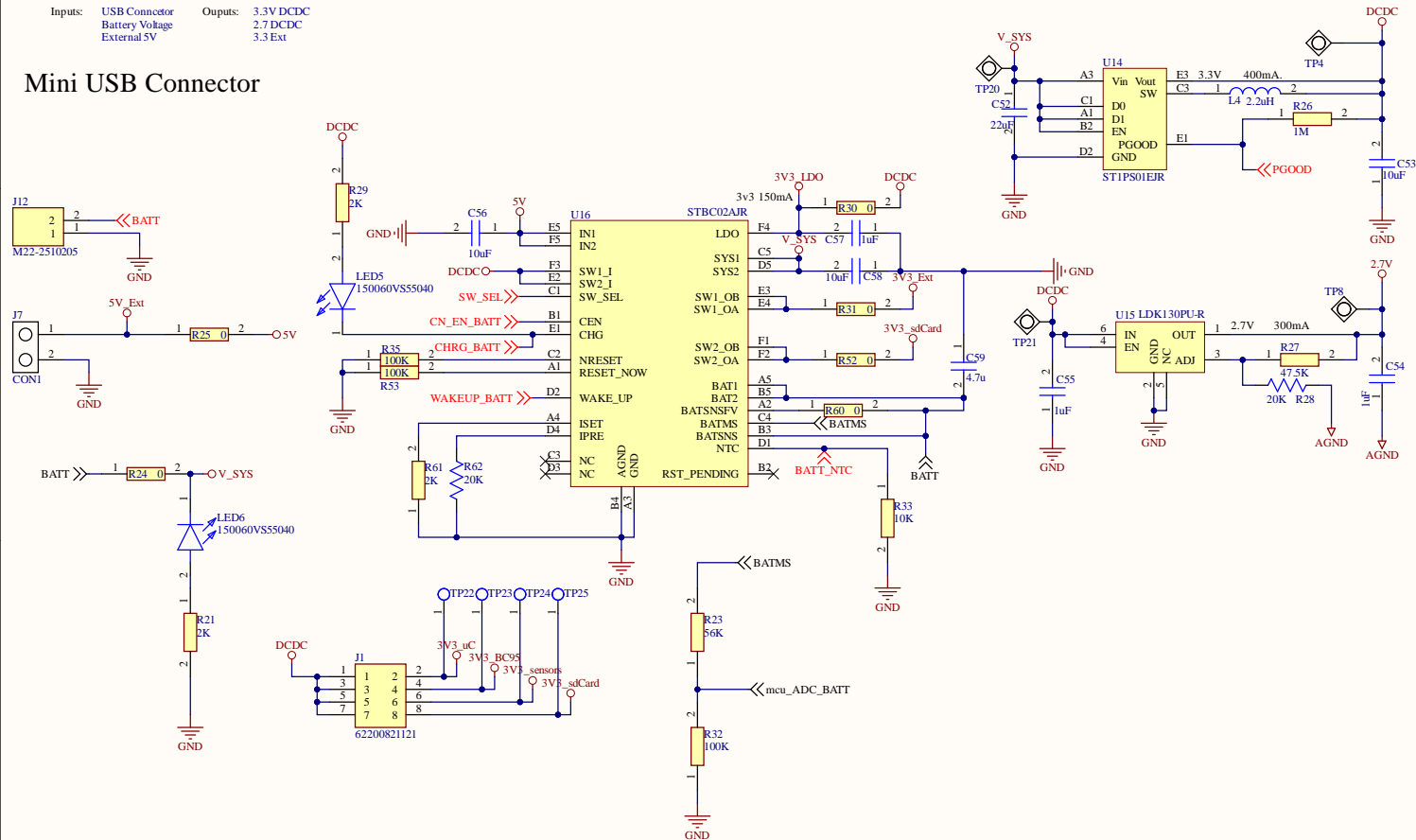
Altium

Not in version control Not in version control

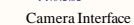
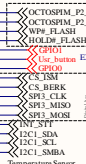
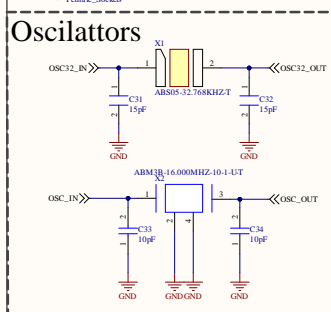
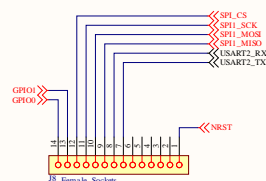
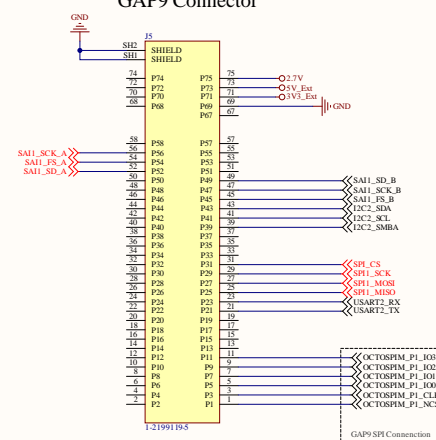
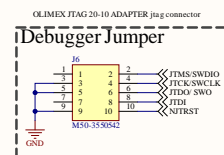
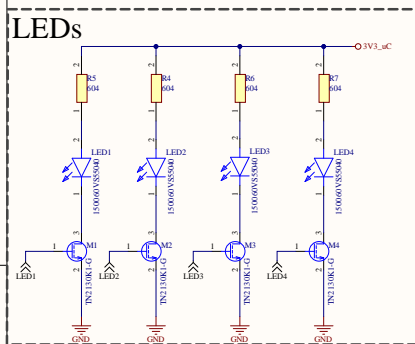
## Power Management:

Inputs: USB Connector    Outputs: 3.3V DCDC  
Battery Voltage    2.7 DCDC  
External 5V    3.3 Ext

## Mini USB Connector



Title		
Size	Number	Revision
A3		
Date:	5/12/2022	Sheet of
File:	C:\Users\...new power management Sch...	Drawn By:



Title			
Size A2	Number		Revision
Date: 5/12/2022	File: C:\Users\lmcu_v1\SchDoc		Sheet of Drawn By:

