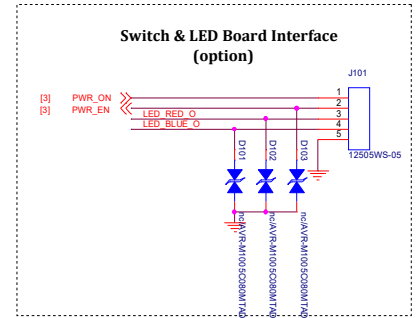
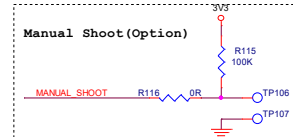
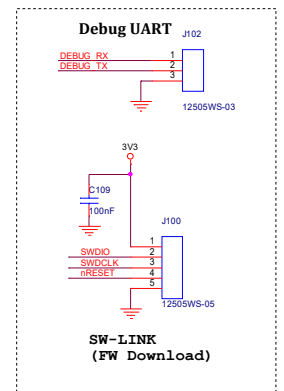
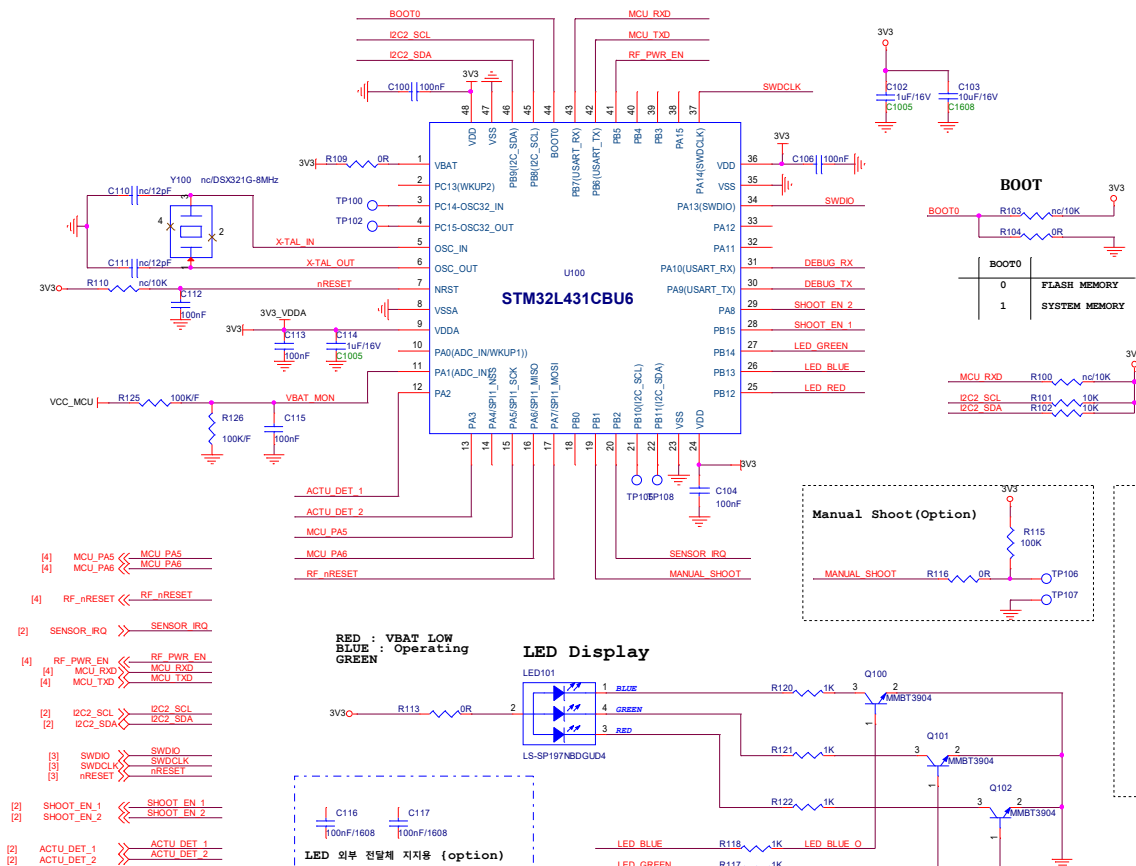
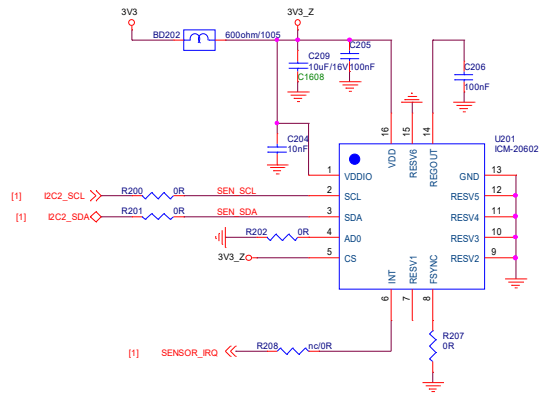


MCU

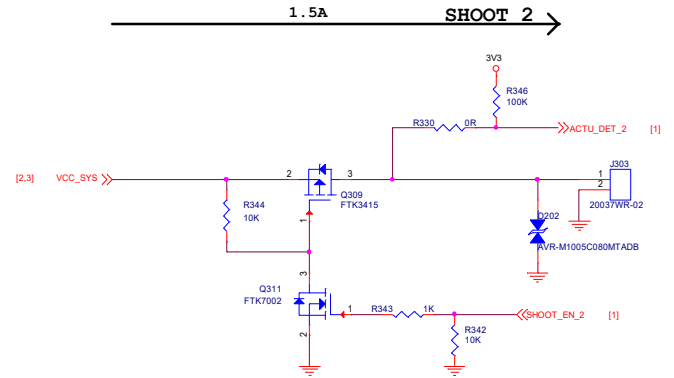
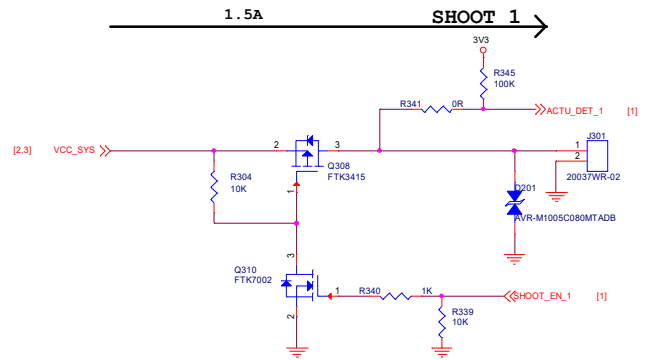
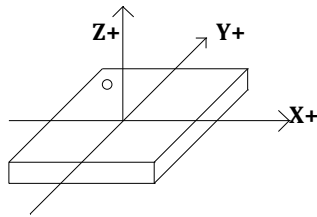


Title			
C-Sensor			
Size	Document Number		Rev
B	MCU		0.1
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6-AXIS SENSOR(ACC + GYRO)

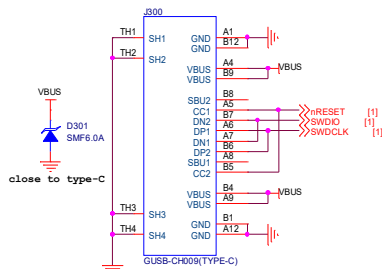


[4] BLE_SCL << SEN_SCL
[4] BLE_SDA << SEN_SDA

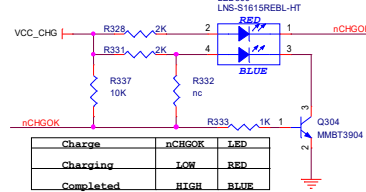


File		
C-Sensor		
Document Number		
BLE & 6-Axis Sensor		
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B		0.1
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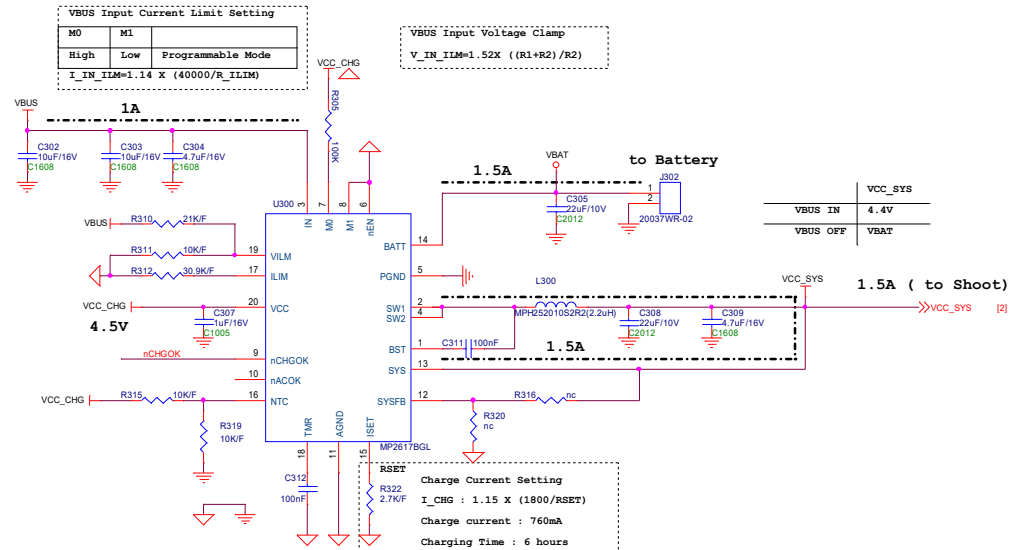
USB Type-C 5V Charge Adaptor



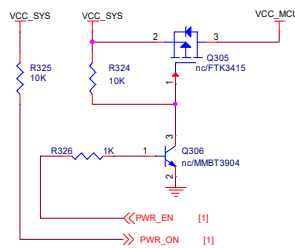
Charging LED



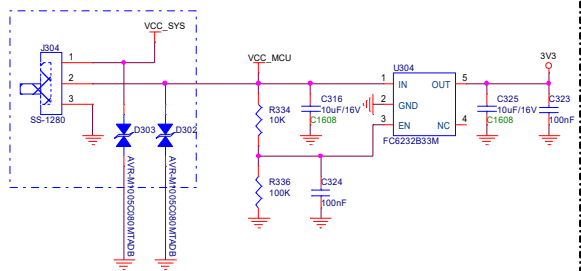
Battery Charger



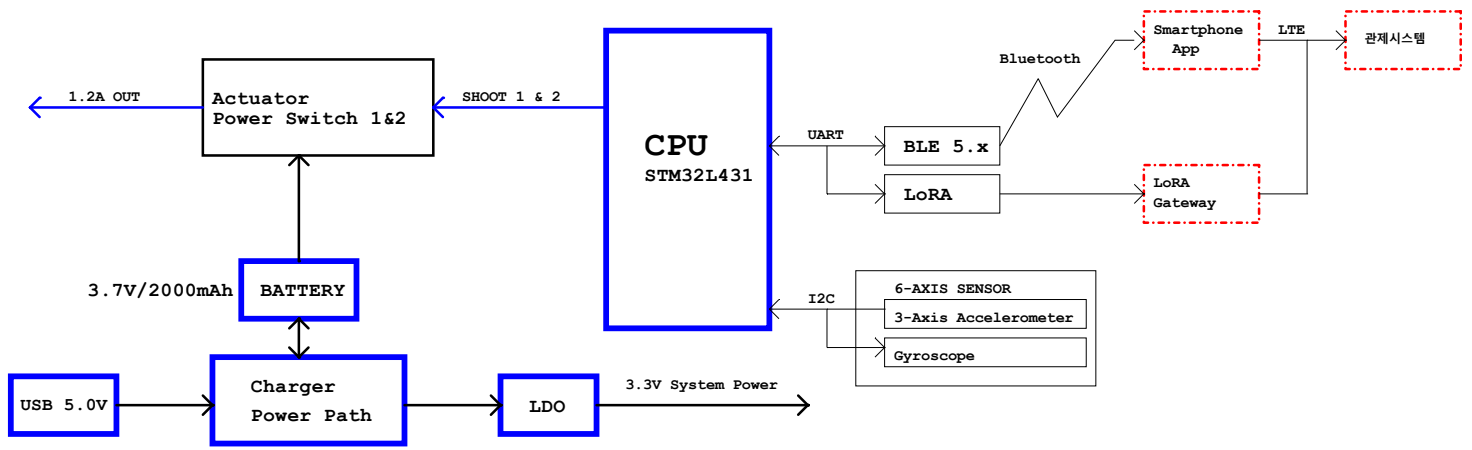
System Power Control (Max 50mA) (Front board option)



System Power 3.3V (Max 50mA)



File		
C-Sensor		
Size	Document Number	Rev
B	Charger & Shoot	0.1
Date: Thursday, December 31, 2020		
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C Sensor Board Specifications

MCU : STM32L431CBU6 - 128KB Flash / 64KB RAM

Battery : 3.7V/2000mAh (Rechargeable Li-ion Polymer single cell) Size : 60(T) x 40(W) x 70(L)

Charger IC : MP2617B

6-Axis Sensor : (Accelerometer + Gyroscope)

RF : Bluetooth BLE5.x or LoRA

충전기 : 5V/1A , USB Type-C Connector & Cable 일체형

System LED => RED/BLUE

System Normal Operations : Blue LED => ON/OFF

Battery Voltage Status Indications

Battery Voltage Under 3.3V : RED LED => ON/OFF

PCB 사양 :

- Layer : 2-Layer
- Thickness : 1.2T
- 표면처리 : OSP

Charging Status Indications LED =>RED/BLUE

Charging : RED LED => ON (Blue LED => OFF)

Charging Completed : Blue LED => ON (RED LED => OFF)

Title			C2
Size	Document Number		Rev
A3	BLOCK DIAGRAM		0.1
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