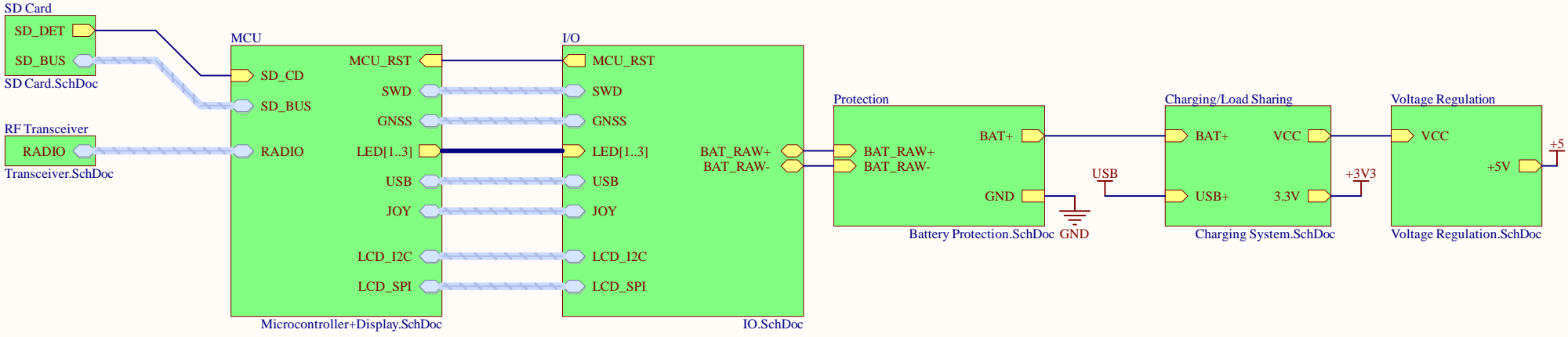


Power and Charging

Connects to Battery -
<https://core-electronics.com.au/polymer-lithium-ion-battery-1000mah.html>

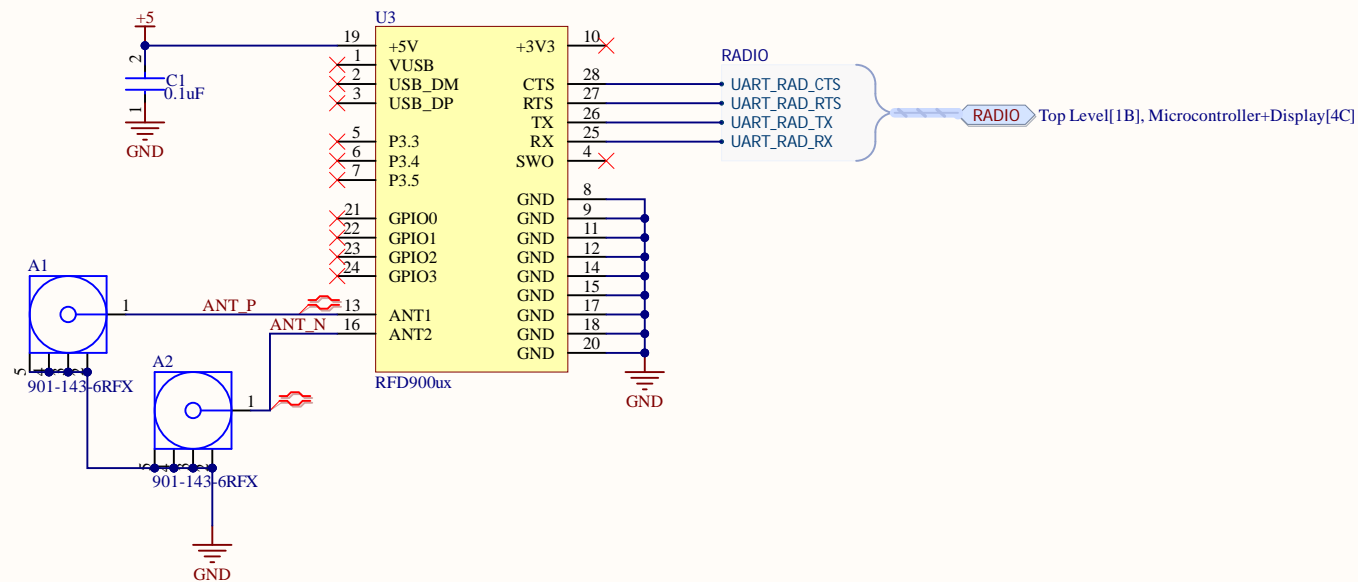


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Size	Number	Revision
A4		
Date:	5/27/2024	Sheet of
File:	C:\Users\...\Top Level.SchDoc	Drawn By:

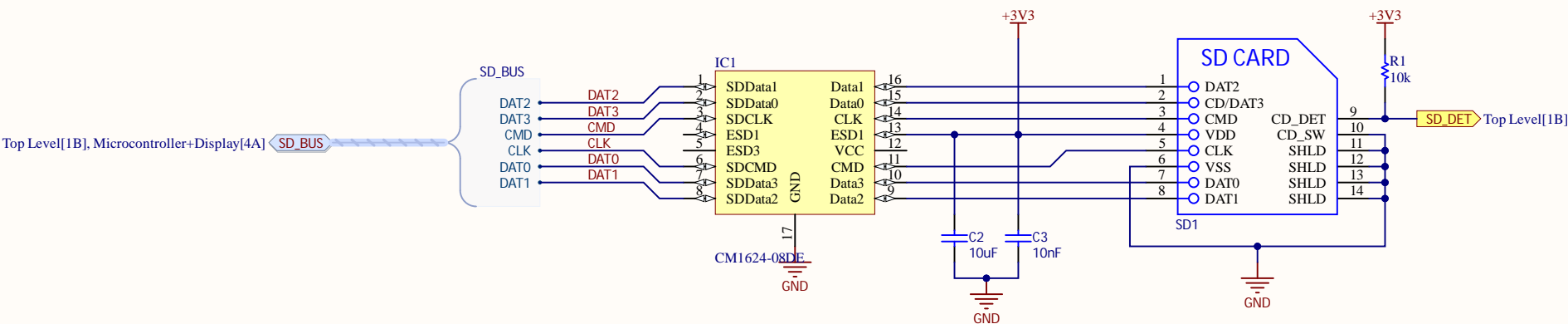
Frequency: 915MHz

Free-Space Losses
 $36.6 + 20\log D + 20\log F$

Receiver Factors:
Frequency Range - 915MHz
Gain
Polarization -
Antenna Size



Title		
Size	Number	Revision
A4		
Date:	5/27/2024	Sheet of
File:	C:\Users\...\Transceiver.SchDoc	Drawn By:



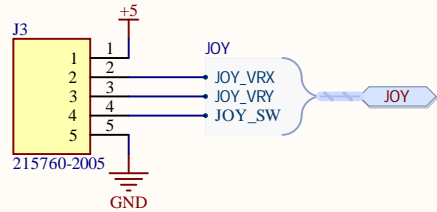
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Peripheral Connectors

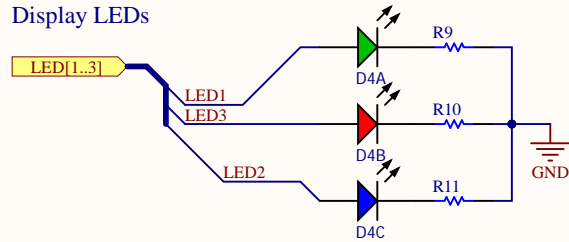
Battery Connector



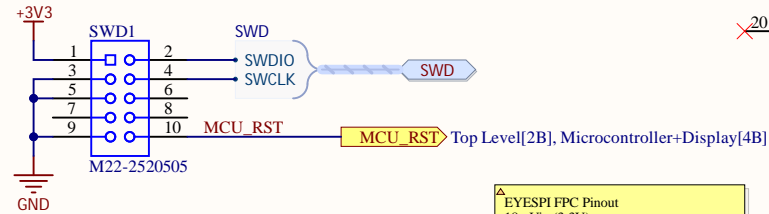
Joystick Connector



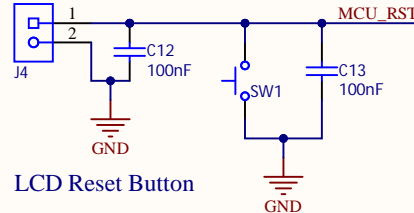
Display LEDs



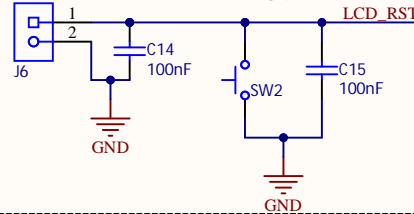
JTAG Interface



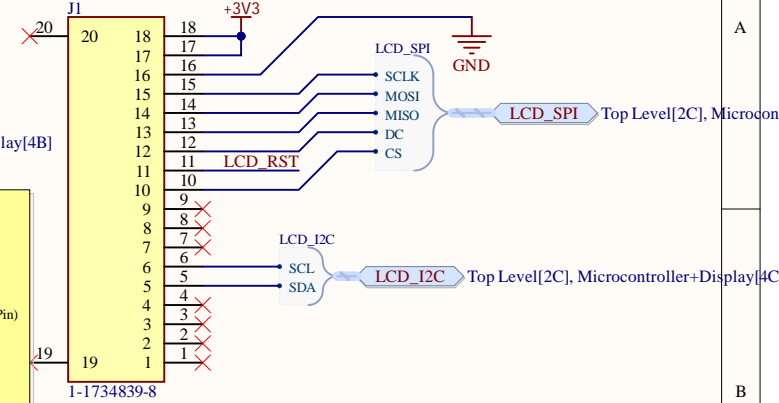
MCU Reset Button



LCD Reset Button

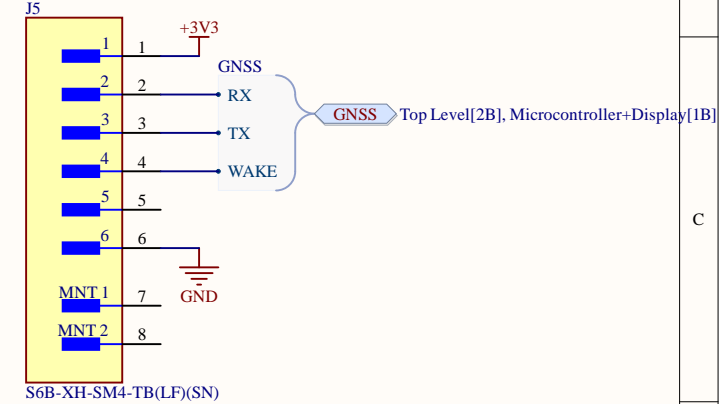


LCD Display

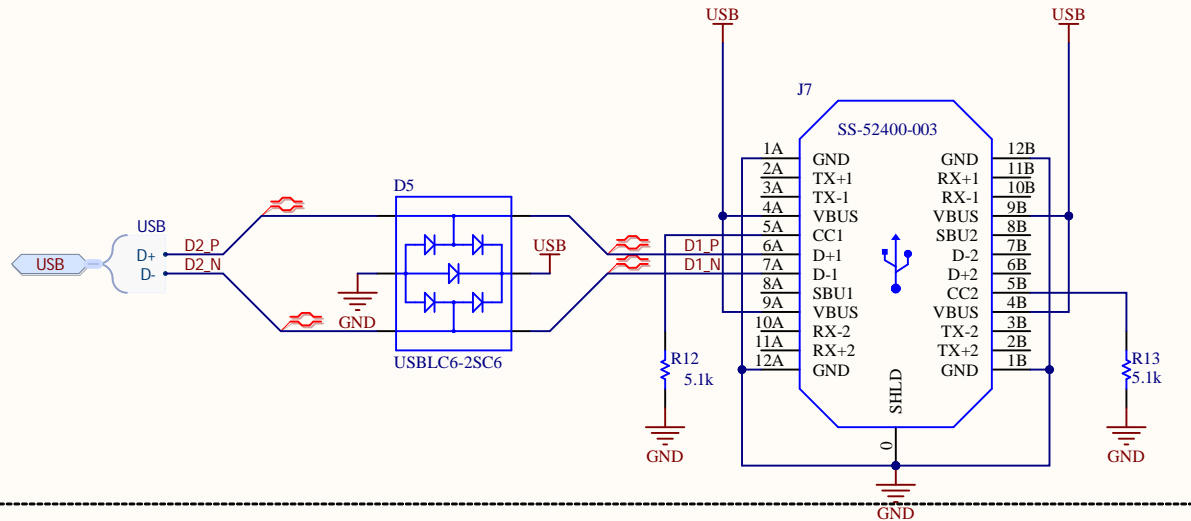


EYESPI FPC Pinout	
18	- Vin (3.3V)
17	- Lite (Pull High for full backlight)
16	- GND
15	- SCK
14	- MOSI
13	- MISO
12	- DC (SPI Data/Command Select Pin)
11	- RST
10	- TCS (SPI Chip Select Pin)
9	- SDCS (SD Card Chip Select)
8	- MEMCS (N/A)
7	- TSCS (N/A)
6	- SCL
5	- SDA
4	- INT (N/A)
3	- BUSY (N/A)
2	- GP1 (N/A)
1	- GP2 (N/A)

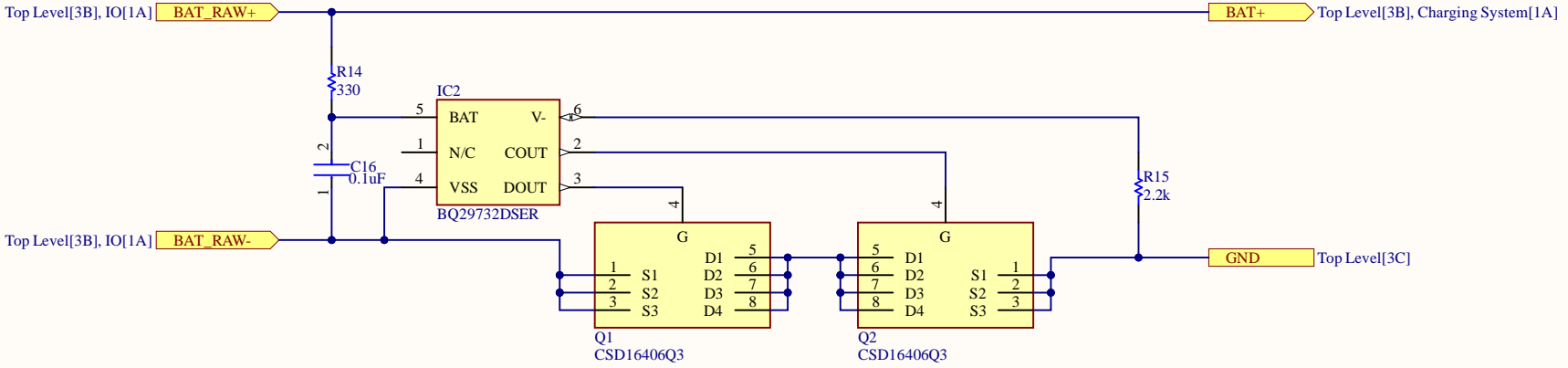
GNSS Connector



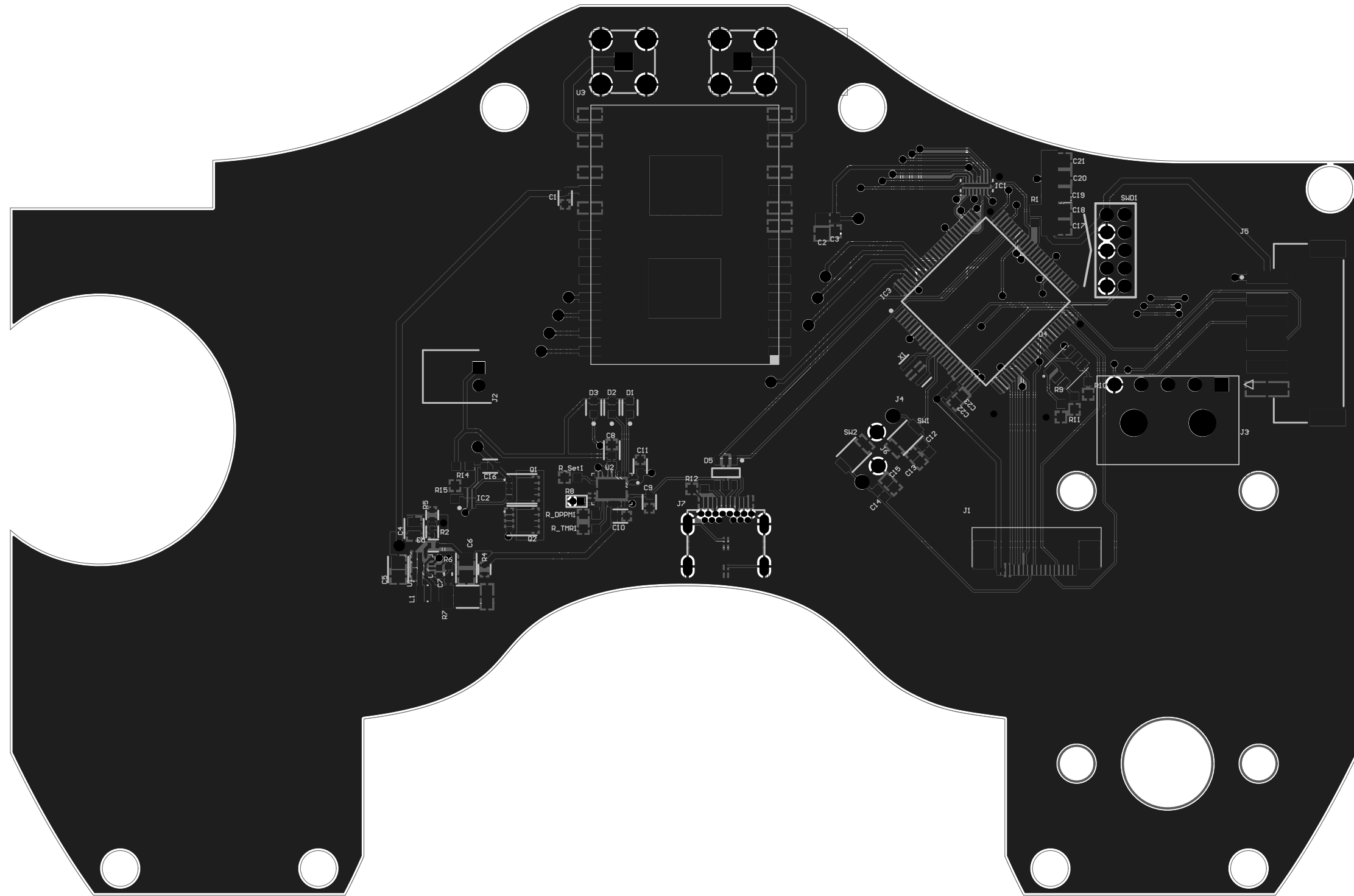
USB C



Title		
Size A4	Number	Revision
Date: 5/27/2024	Sheet of	
File: C:\Users\...\IO.SchDoc	Drawn By:	



Title		
Size A4	Number	Revision
Date:	5/27/2024	Sheet of
File:	C:\Users\...\Battery Protection.SchDoc	Drawn By:



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