

1

2

3

4

The input capacitor must be connected within 0.5 inches of the VIN terminal. The output capacitor must also be connected within 0.5 inches of output

A

A

B

B

C

C

D

D

min 10k thermister with a standar B value(3400K)

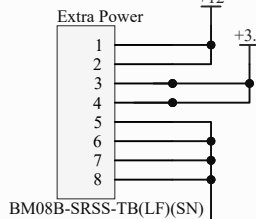
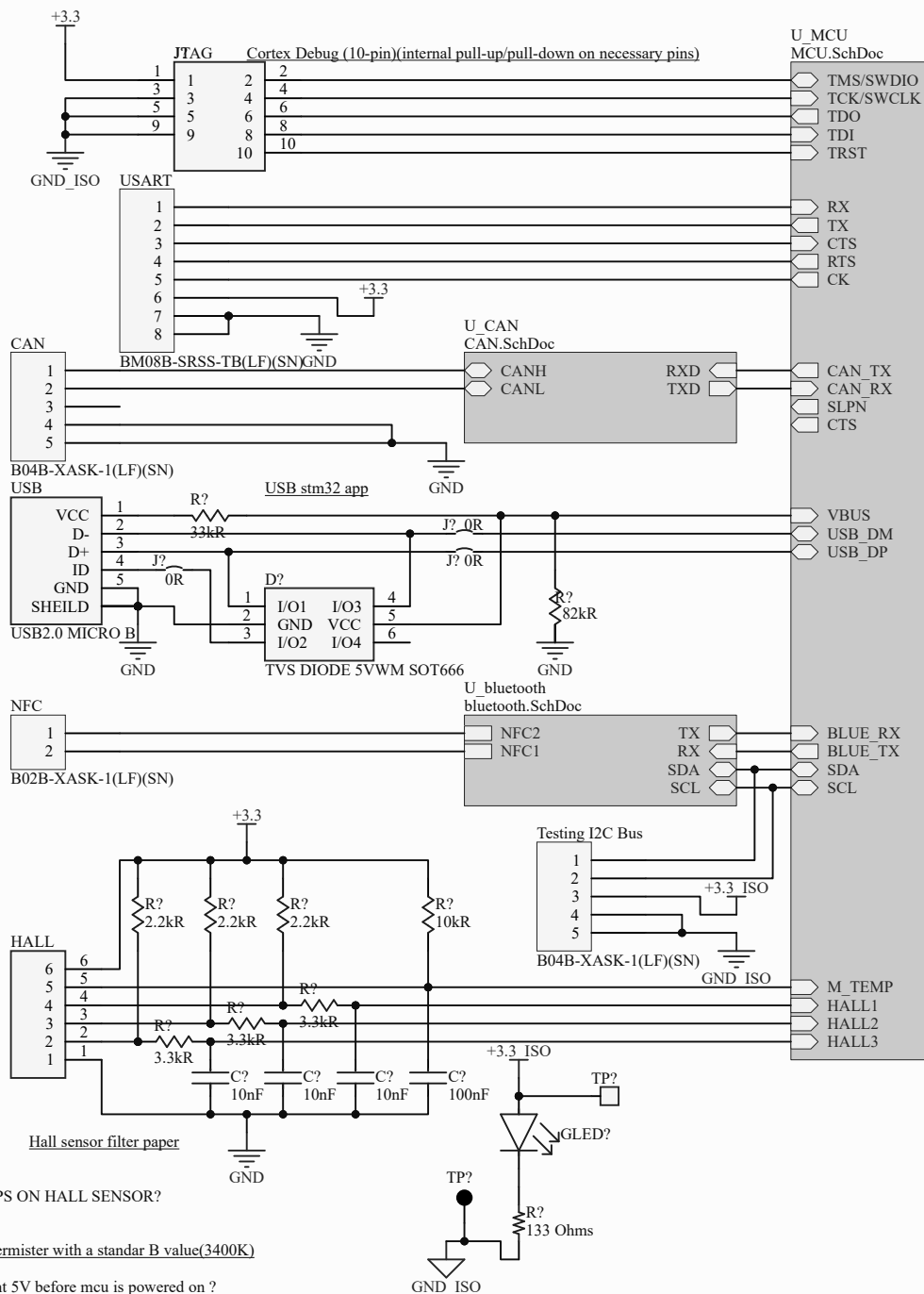
If sensor sent 5V before mcu is powered on ?

1

2

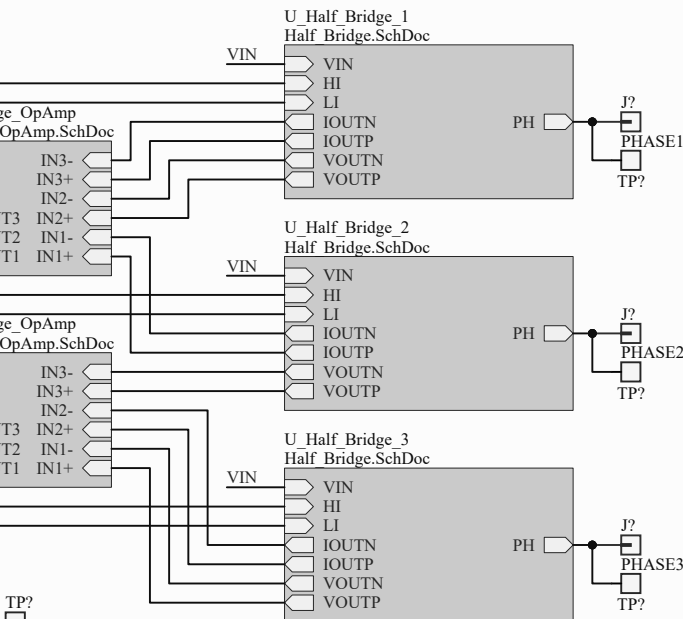
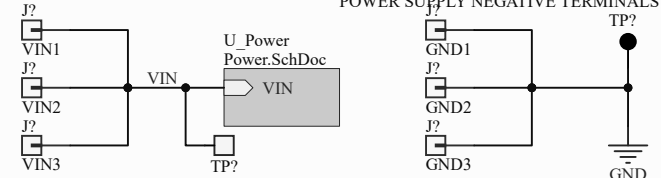
3

4



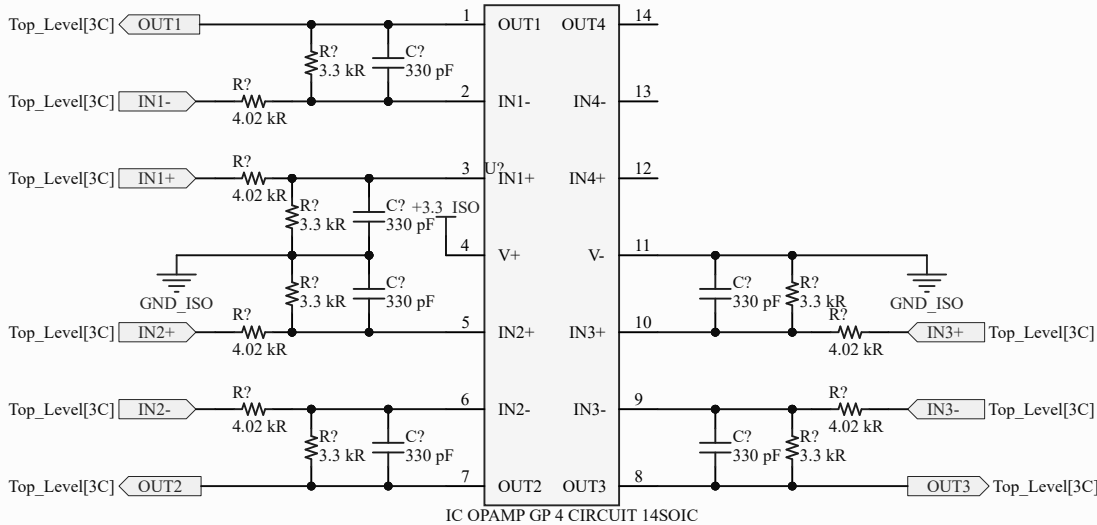
POWER SUPPLY POSITIVE TERMINALS

POWER SUPPLY NEGATIVE TERMINALS

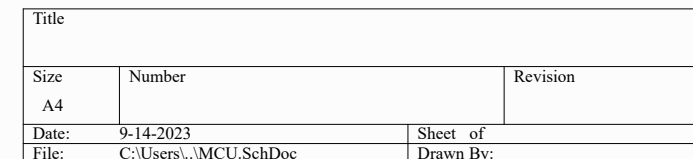


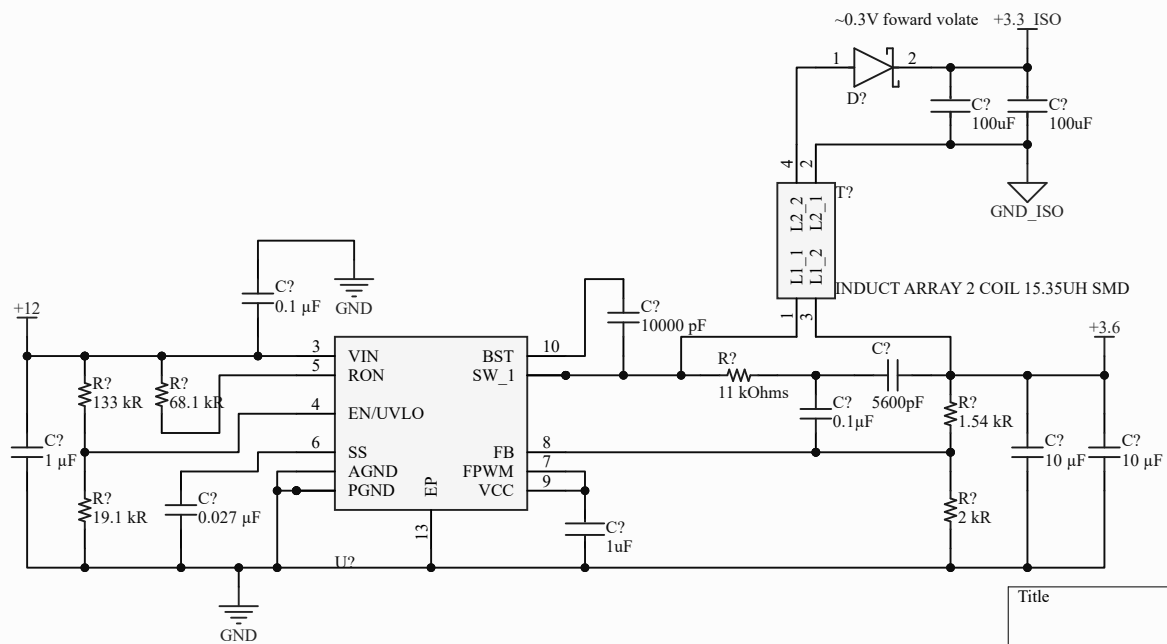
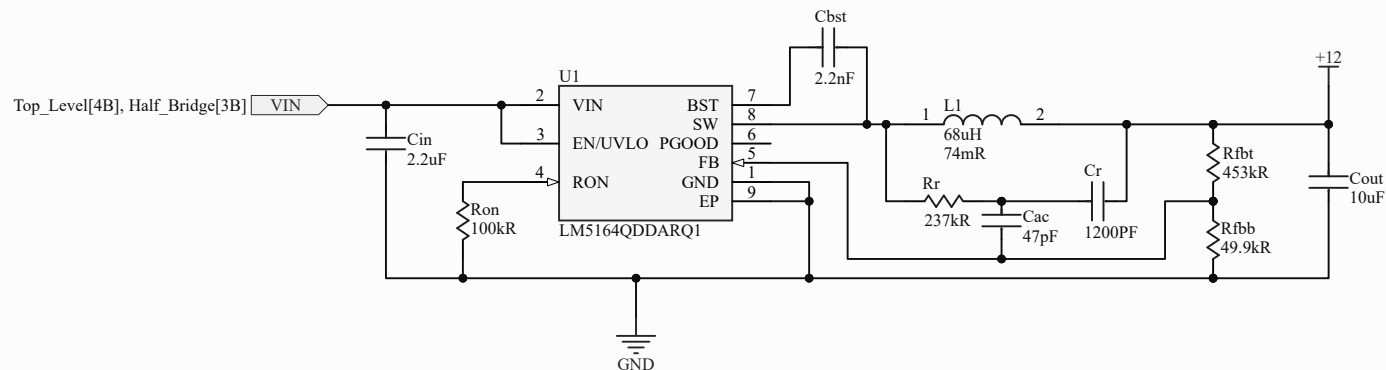
Title		
Size	Number	Revision
A4		
Date:	9-14-2023	Sheet of
File:	C:\Users\...\Top_Level.SchDoc	Drawn By:

Discusses how the caps are used to measure u off frequency



Title		
Size A4	Number	Revision
Date:	9-14-2023	Sheet of
File:	C:\Users\...\Voltage OpAmp.SchDoc	Drawn By:



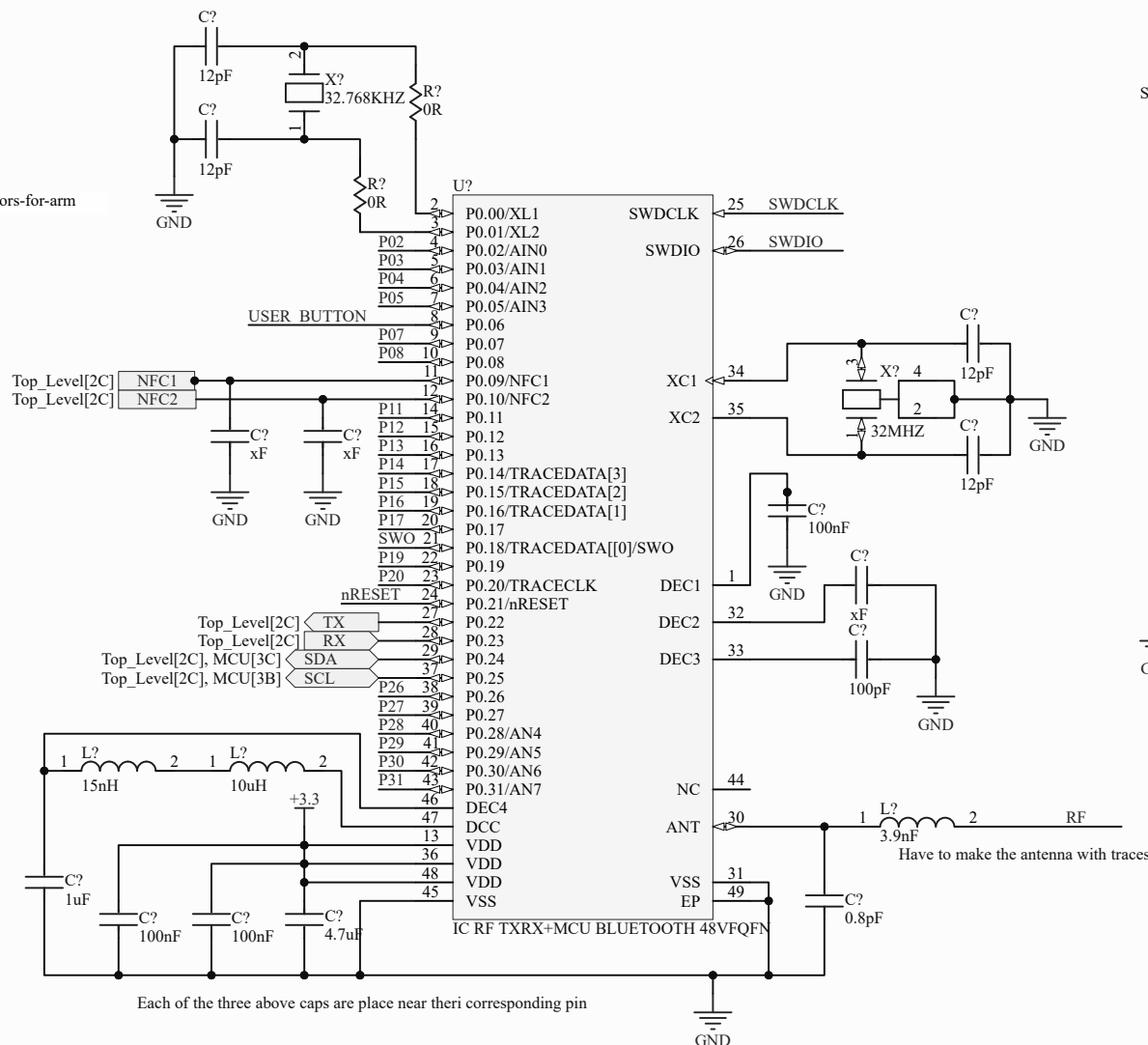


Title		
Size A4	Number	Revision
Date:	9-14-2023	Sheet of
File:	C:\Users\...\Power.SchDoc	Drawn By:

how do I program the bluetooth ic????????????

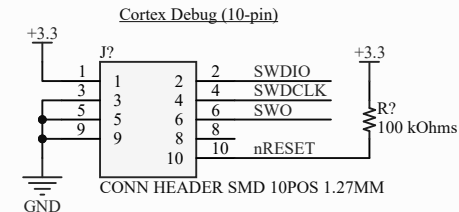
Cortex debug connector

electronics.stackexchange.com/questions/302444/new-debug-connectors-for-arm

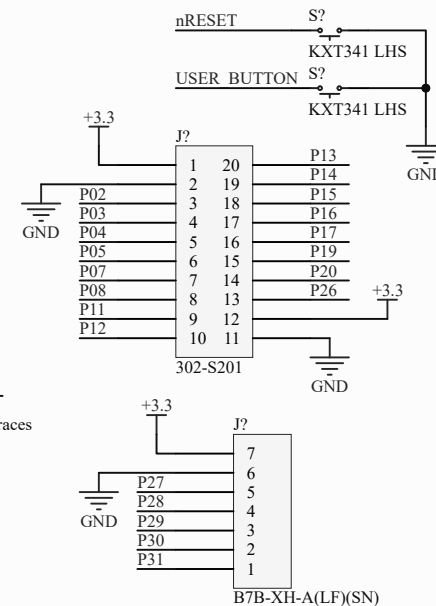


Each of the three above caps are place near theri corresponding pin

SWDIO has internal pull-up and SWDCLK has internal pull down

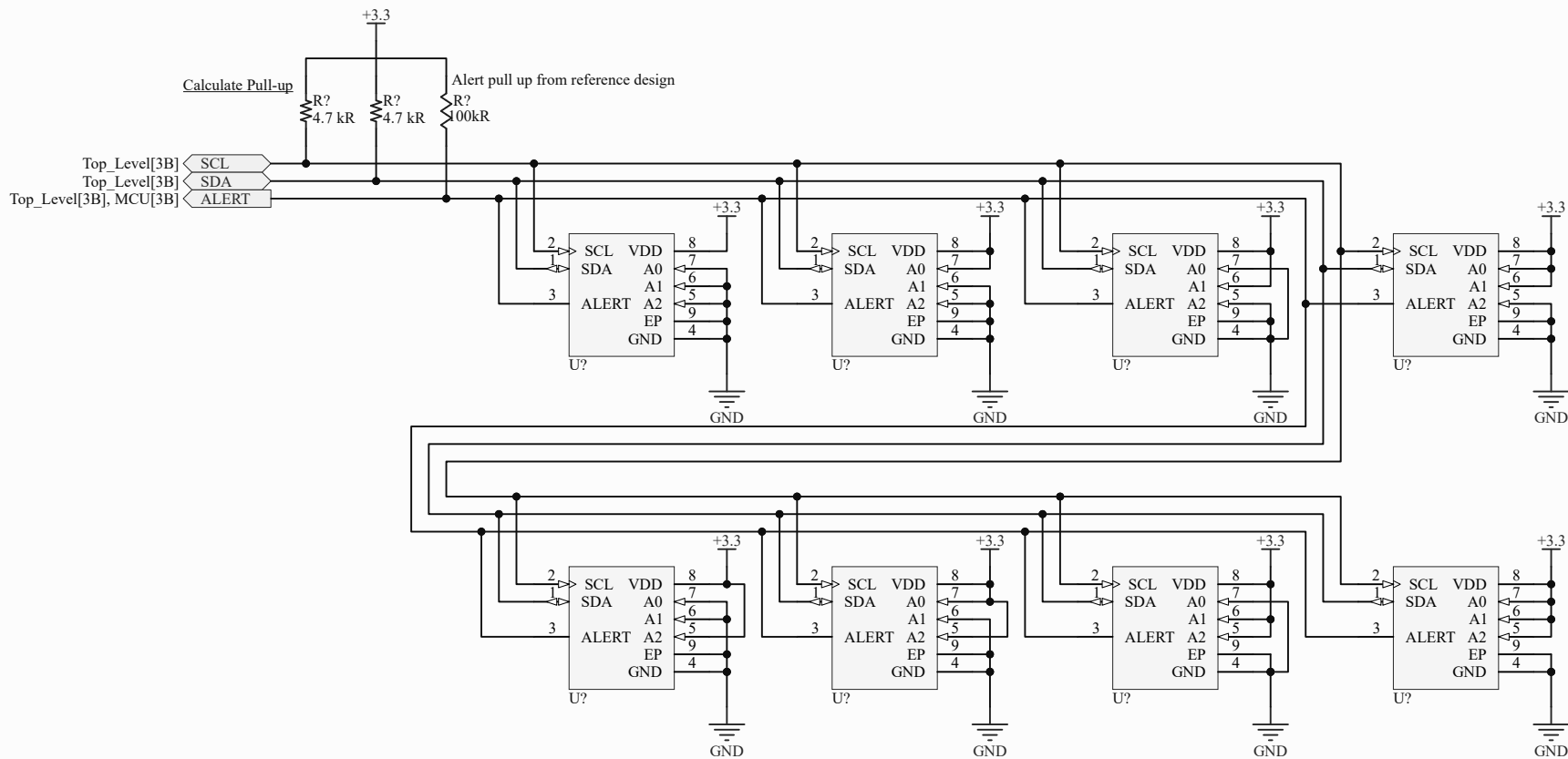


Lets just add boot and reset button and a connector for the rest of the

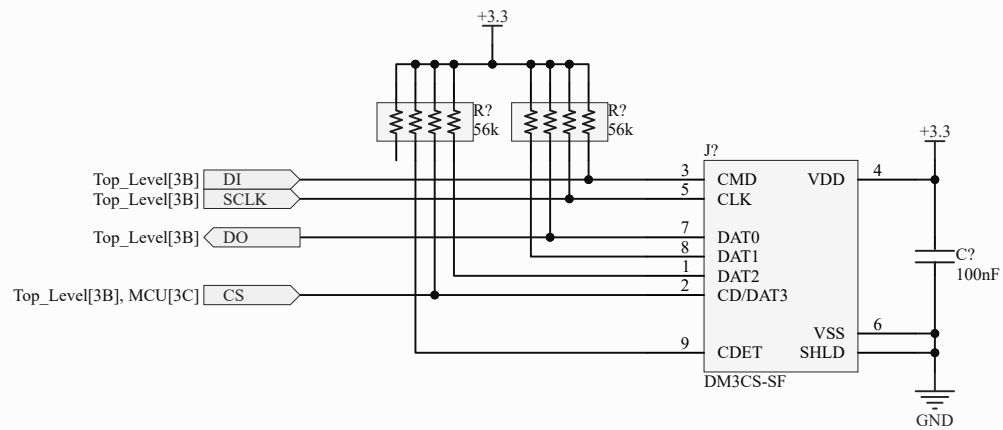


TODO: 1. Add headers for all unused pins. 2. Create antenna with traces. 3. Create separate port for second small range antenna

Size	Number	Revision
A4		
Date:	9-14-2023	Sheet of
File:	C:\Users\...\bluetooth.SchDoc	Drawn By:



Title		
Size A4	Number	Revision
Date:	9-14-2023	Sheet of
File:	C:\Users\...\TEMP\SchDoc	Drawn By:



[SD card physical layer spec](#)

[SD card standard \(with recommended peripherals explained\)](#)

[Helpful blog](#)

Title		
Size A4	Number	Revision
Date:	9-14-2023	Sheet of
File:	C:\Users\...\SD.SchDoc	Drawn By: