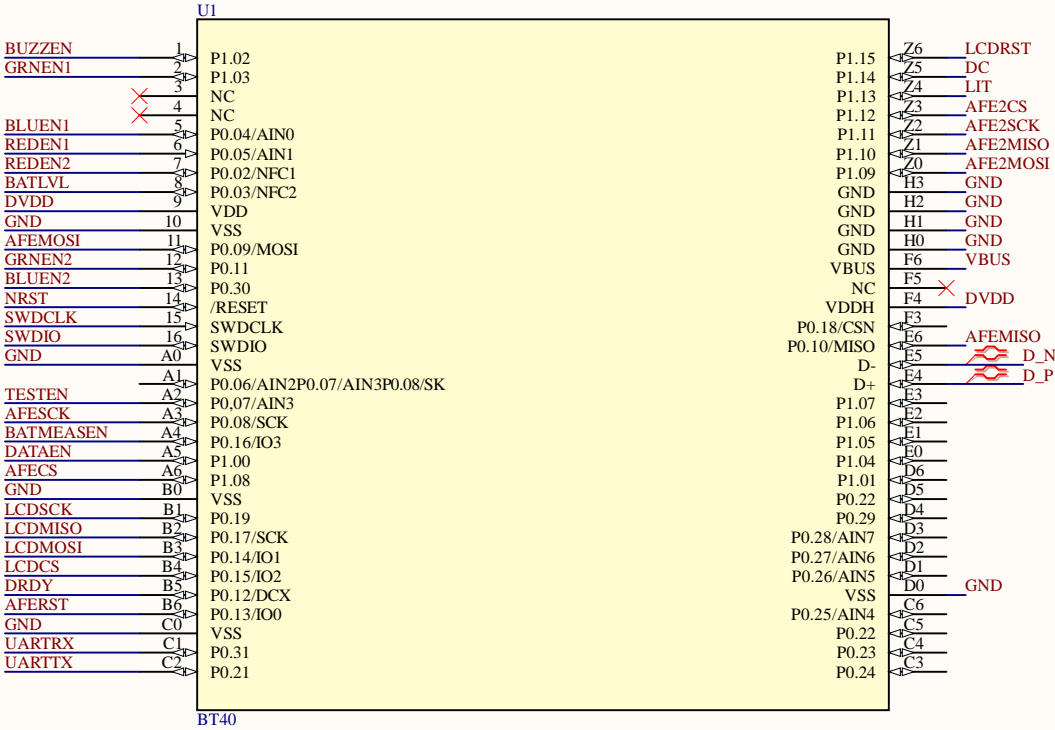
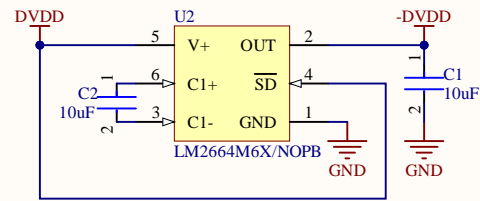


NRF5340 Module

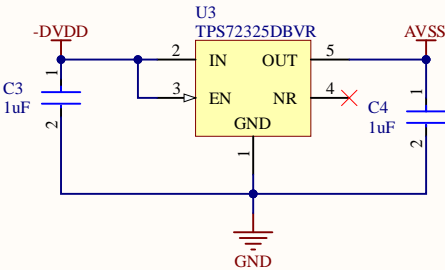


Title		
MCU		
Size	Number	Revision
A4		1
Date:	12-23-2023	Sheet of
File:	C:\Users\...\MCU.SchDoc	Drawn By: Anastasiya Rybitska

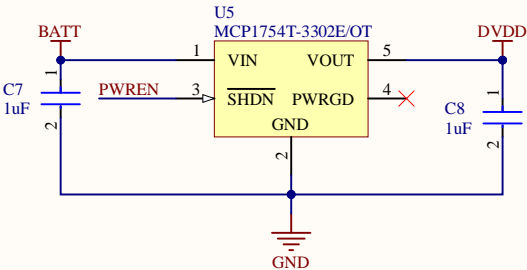
Inverter



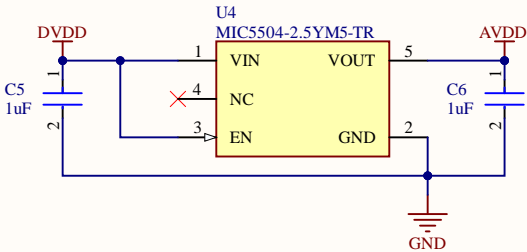
-2.5V Regulator



3.3V Regulator

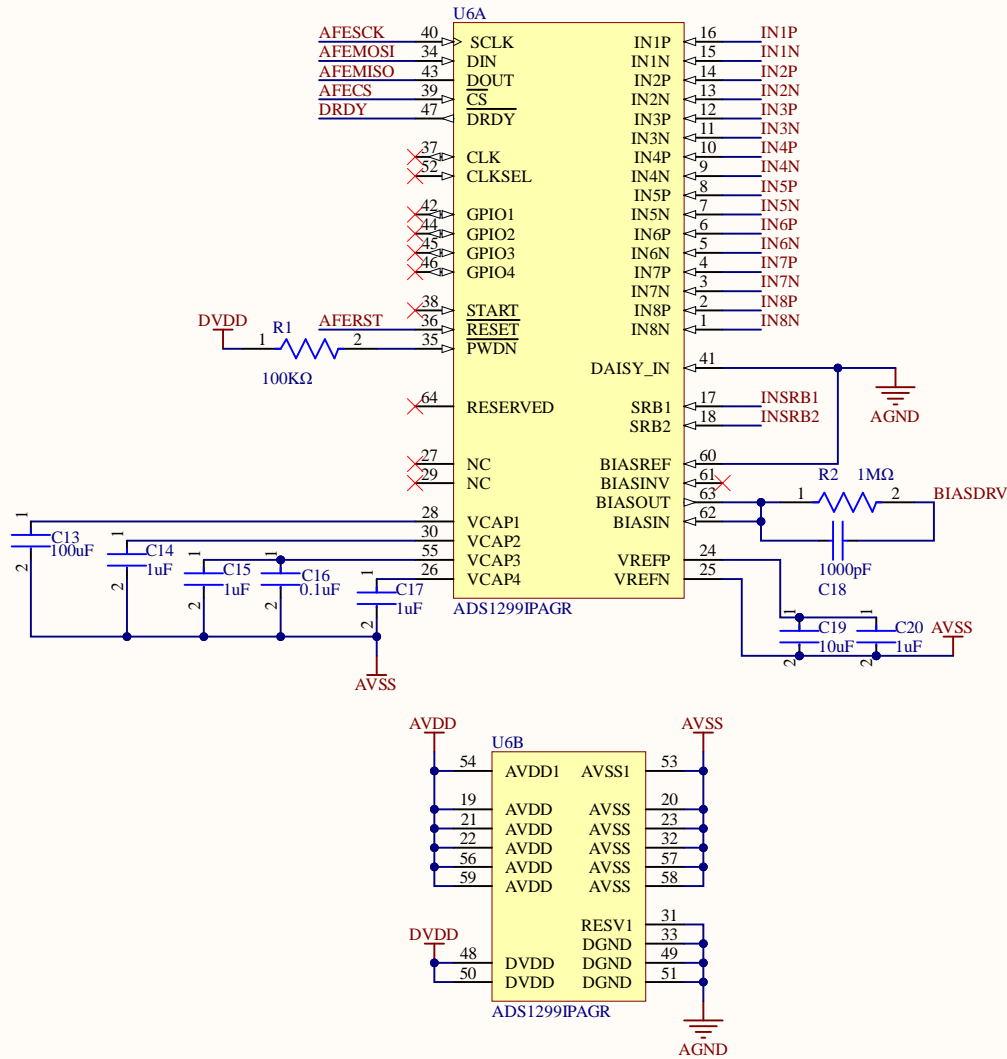


2.5V Regulator

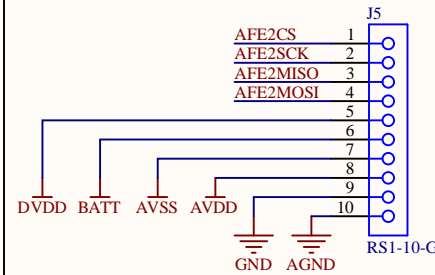


Title		
Power		
Size	Number	Revision
A4		1
Date:	12-23-2023	Sheet of
File:	C:\Users\...\Power.SchDoc	Drawn By: Anastasiya Rybitska

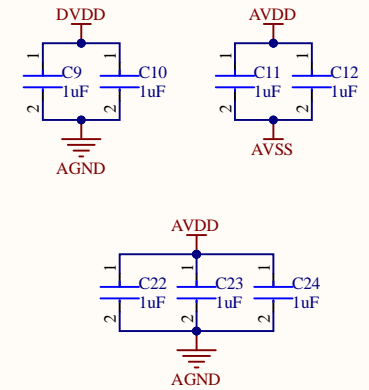
# EEG COTS AFE



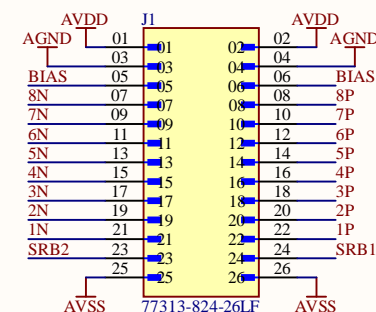
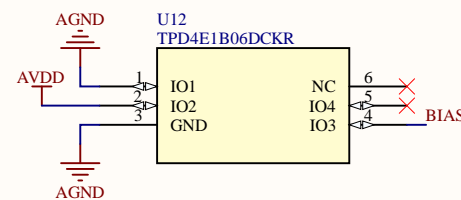
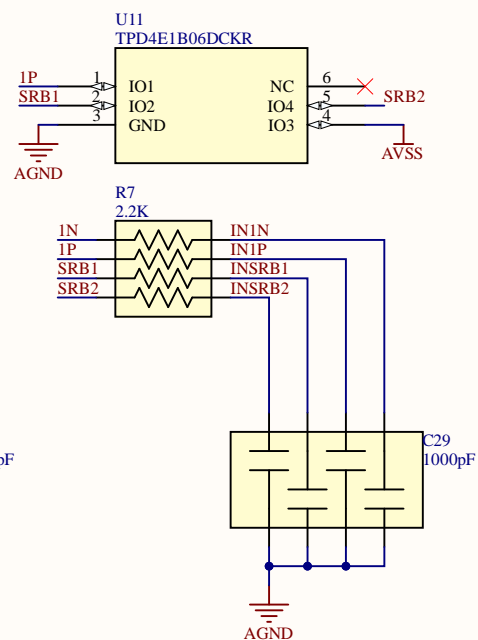
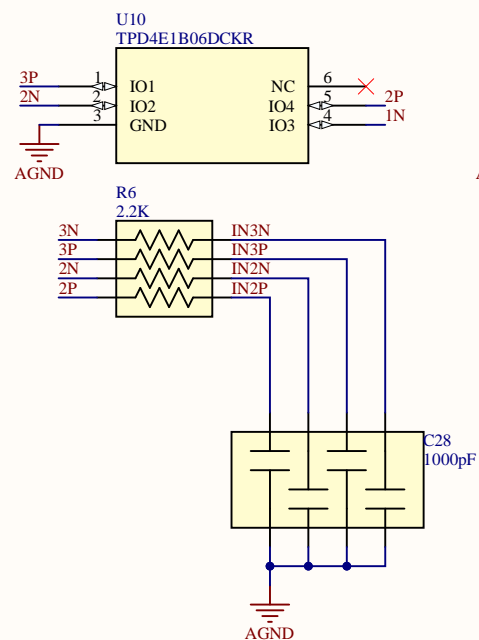
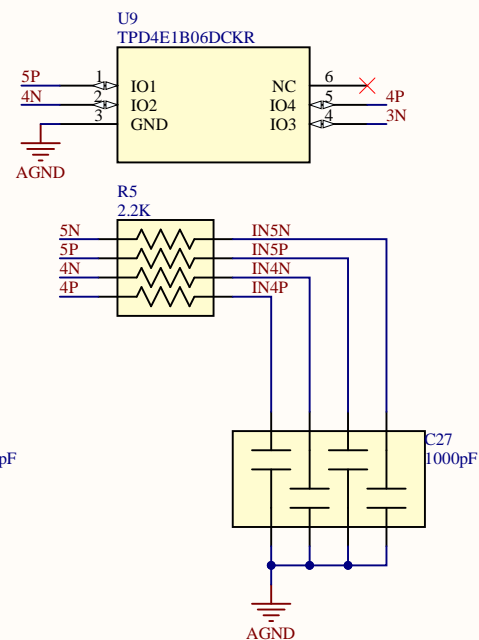
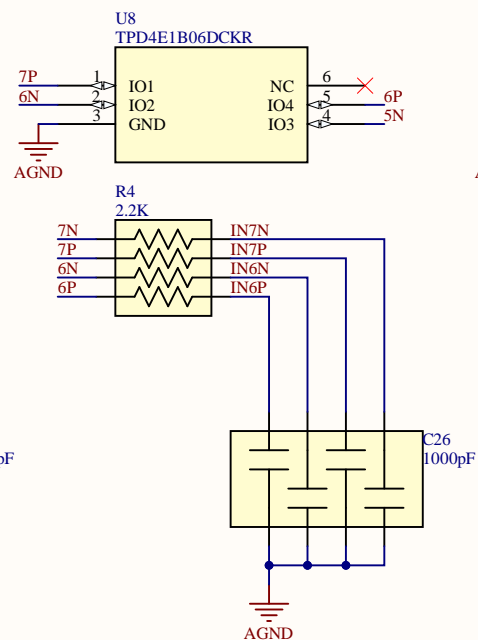
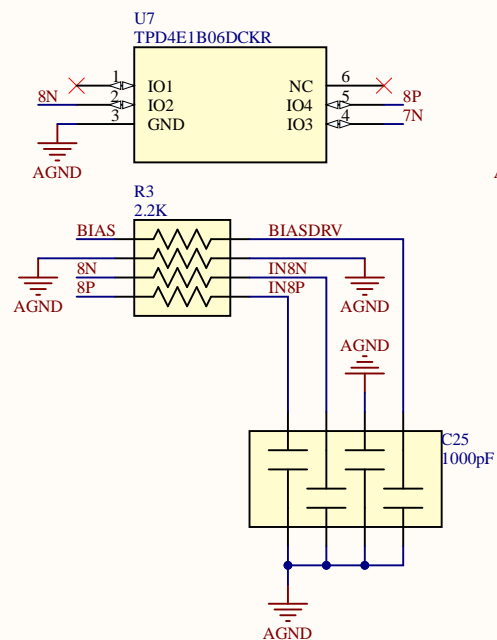
## Custom AFE Connector



## Decoupling Caps



Title		
COTS AFE		
Size	Number	Revision
A4		1
Date:	12-23-2023	Sheet of
File:	C:\Users\...\AFE.SchDoc	Drawn By: Anastasiya Rybitska



## Filtering and Protection

Title EEG Inputs		
Size A4	Number	Revision 1
Date:	12-23-2023	Sheet of
File:	C:\Users\...\EEG Inputs.SchDoc	Drawn By: Anastasiya Rybitska

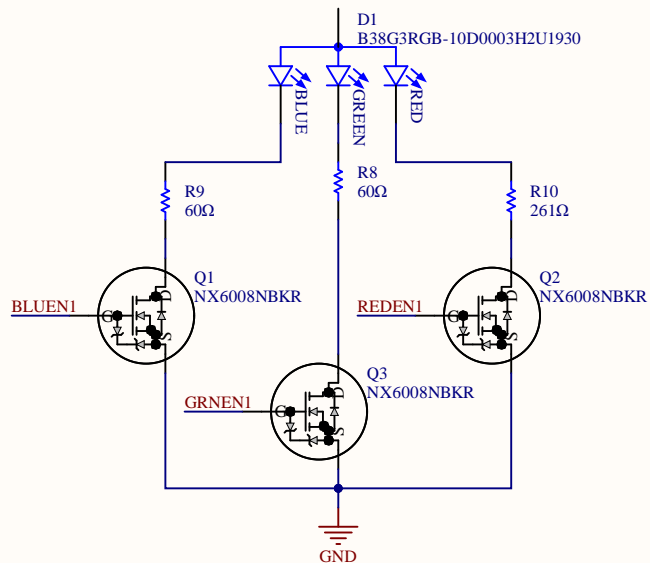
1

2

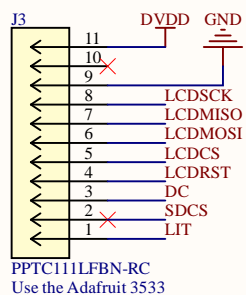
3

4

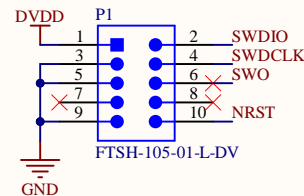
## LED 1



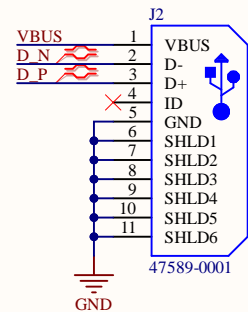
## LCD Connector



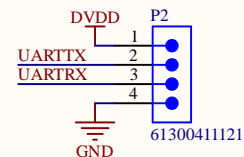
## JLINK Connector



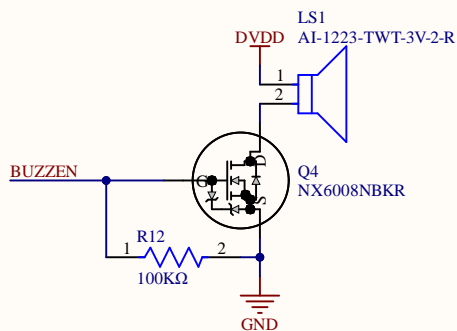
## MicroUSB Connector



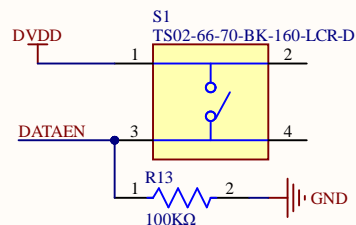
## UART Connector



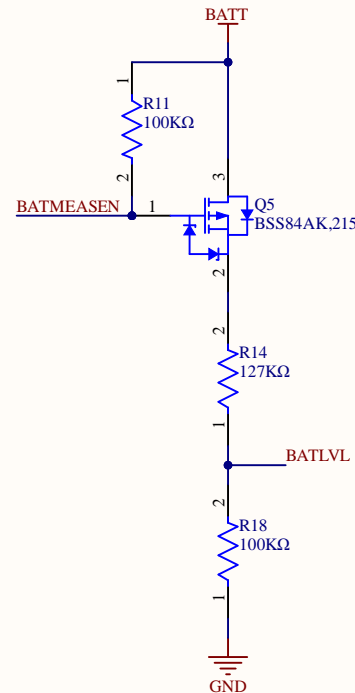
## Buzzer



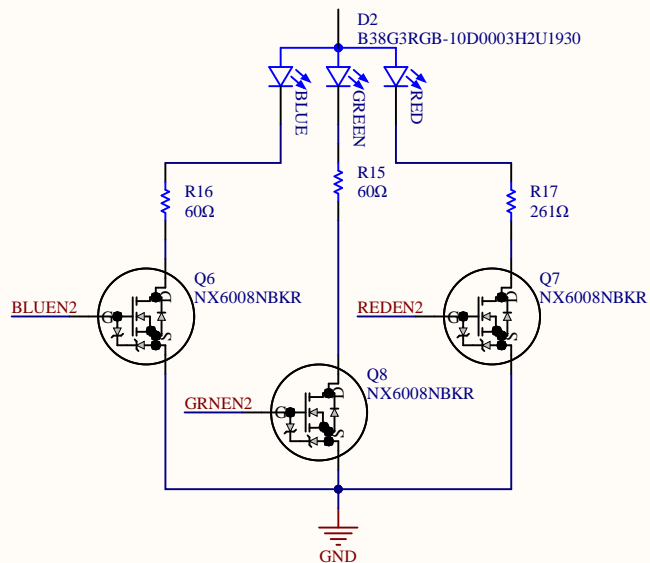
## Data Recording Button



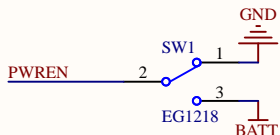
## Battery Level Measure



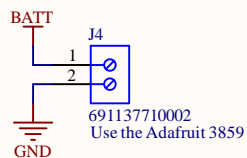
## LED 2



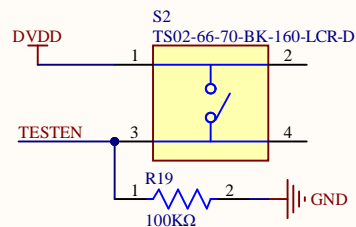
## Power Switch



## Battery Connection (4x AA)



## Test Button



Title			
Peripherals			
Size	Number		Revision
A4			1
Date:	12-23-2023		Sheet of
File:	C:\Users\...\Peripherals.SchDoc		Drawn By: Anastasiya Rybitska

1

2

3

4