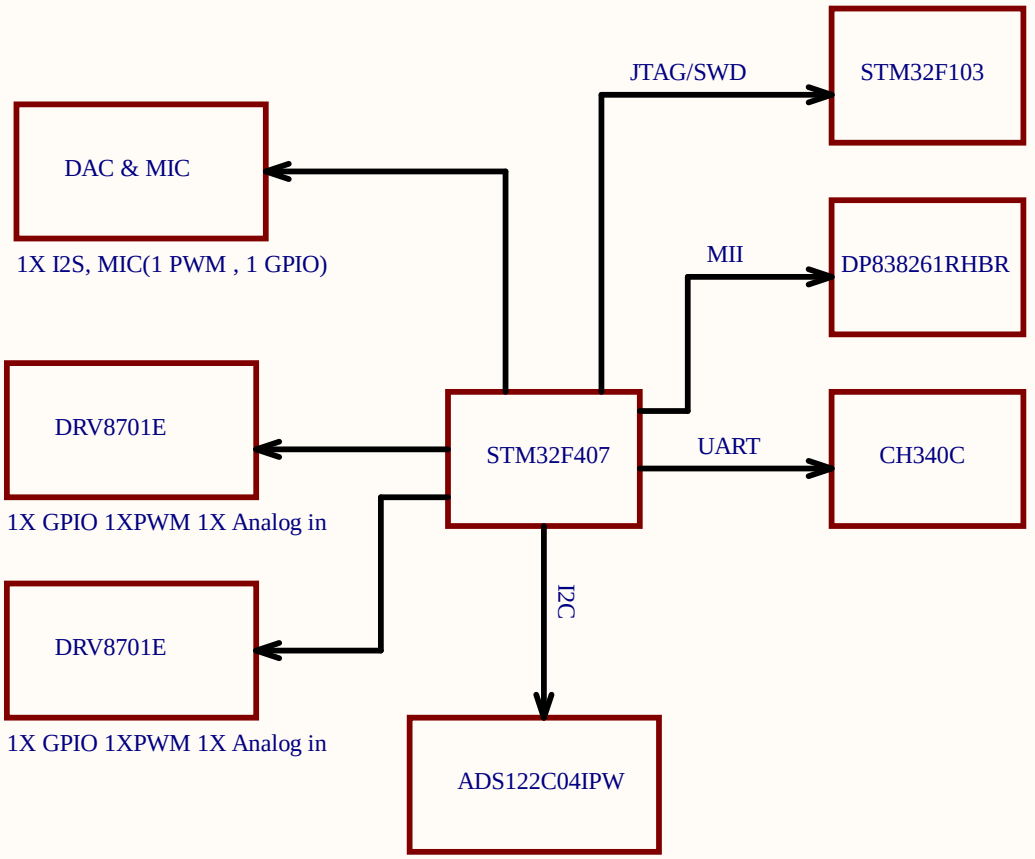
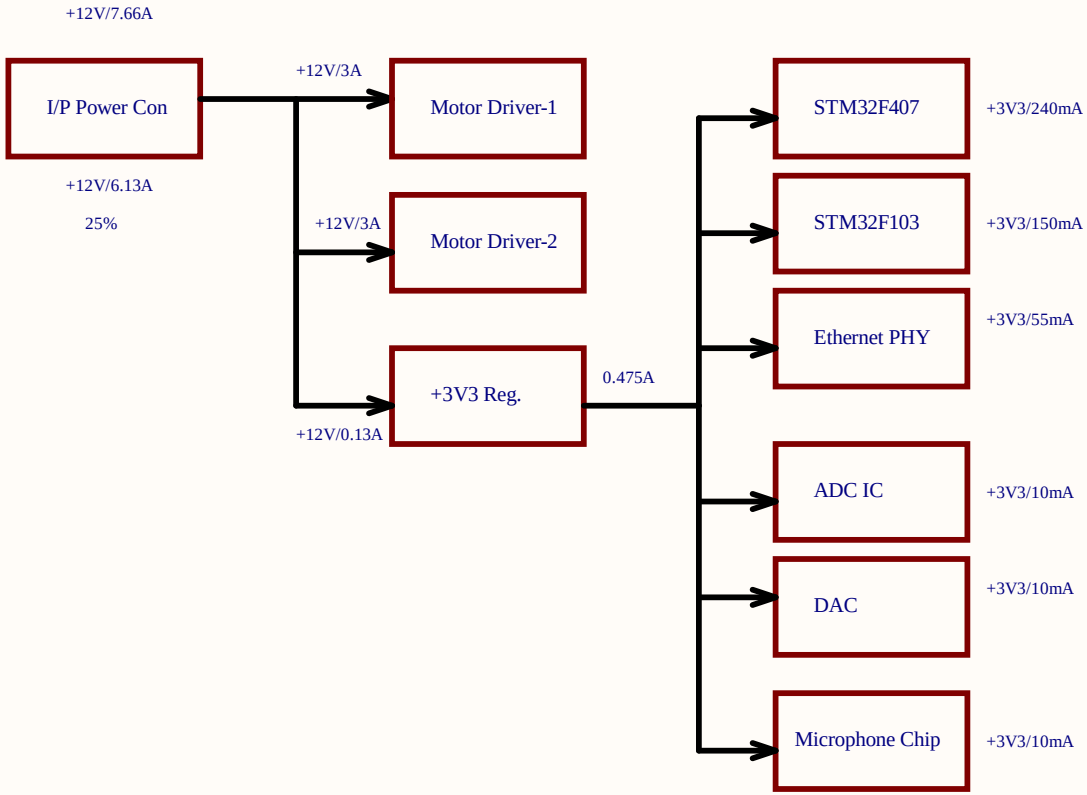


TITLE:	**Mixed Signal Board**		
DOCUMENT NAME:	**[1]- Schematic Blocks.SchDoc**		
PROJECT CODE:	**A_V1.0**	Sheet **1** of **11**	
SCALE 1:1	TEMPLATE: A4	AUTHOR: AVIRAL MISHRA	

This document is copyright of EsteemPCB and shall not be revealed, produced, copied, in whole or in part, nor used for any purpose other than submitted.

Cannot open file D:\Youtube\Logos and end screen\logo_ESTEEM2.png



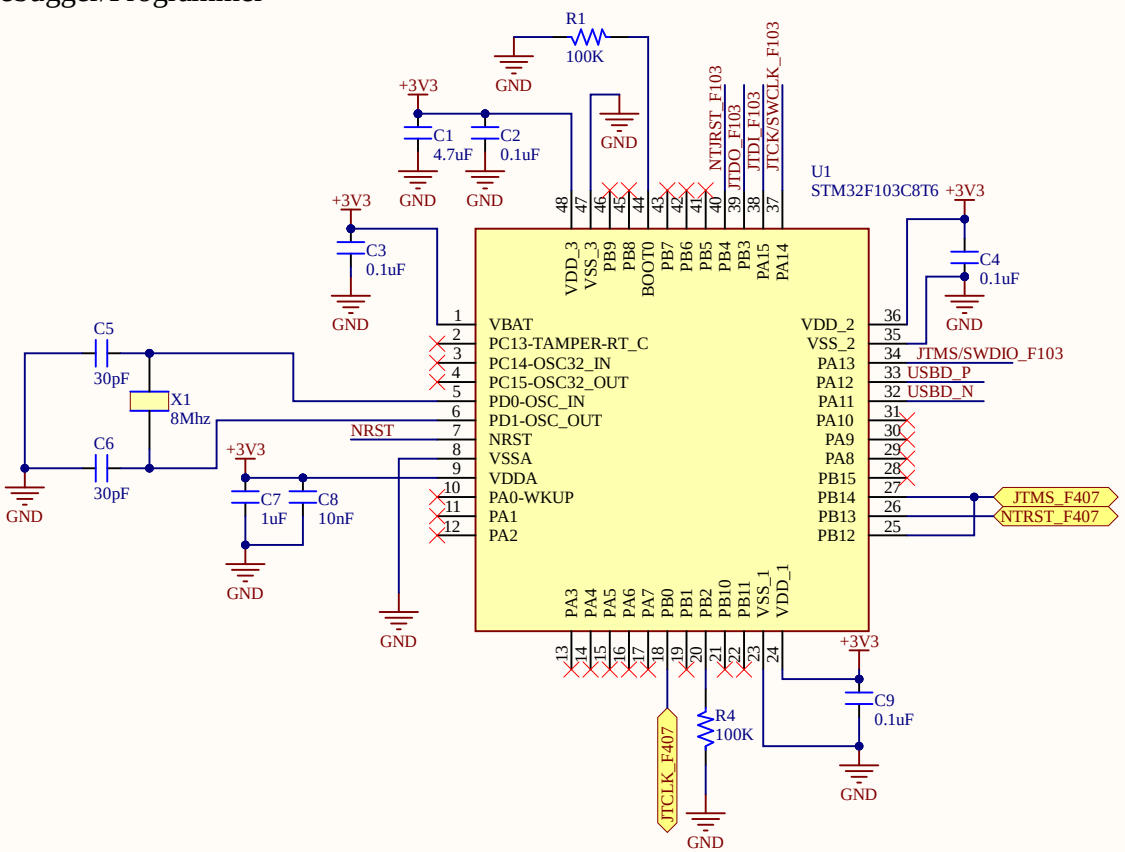
TITLE:	**Mixed Signal Board**		
DOCUMENT NAME:	**[2]-Power Budget.SchDoc**		
PROJECT CODE:	**A_V1.0**	Sheet **2** of **11**	
SCALE 1:1	TEMPLATE: A4	AUTHOR: AVIRAL MISHRA	

This document is copyright of EsteemPCB and shall not be revealed, produced, copied, in whole or in part, nor used for any purpose other than submitted.

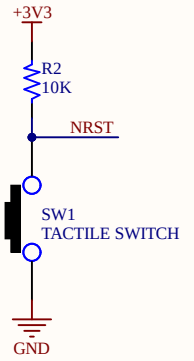
Cannot open file D:\Youtube\Logos and end screen\logo_ESTEEM2.png

STM32F103 Debugger/Programmer Page

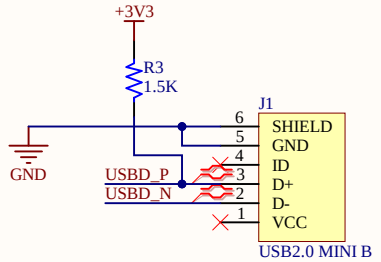
Debugger/Programmer



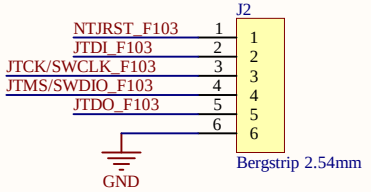
Reset STM32F103



USB2.0 for Program/Debug



STM32F103 JTAG/SWD



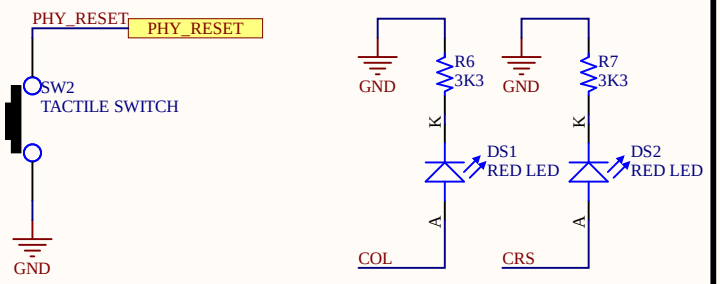
TITLE:	**Mixed Signal Board**		
DOCUMENT NAME:	**[3]-STM32F103 Debugger.SchDoc**		
PROJECT CODE:	**A_V1.0**	Sheet **3** of **11**	
SCALE 1:1	TEMPLATE: A4	AUTHOR: AVIRAL MISHRA	

This document is copyright of EsteemPCB and shall not be revealed, produced, copied, in whole or in part, nor used for any purpose other than submitted.

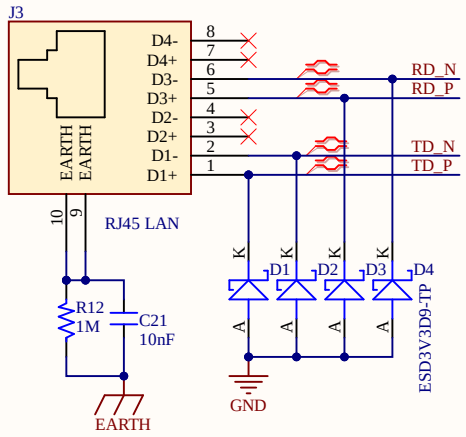
Cannot open file D:\Youtube\Logos and end screen\logo_ESTEEM2.png

Ethernet PHY Page

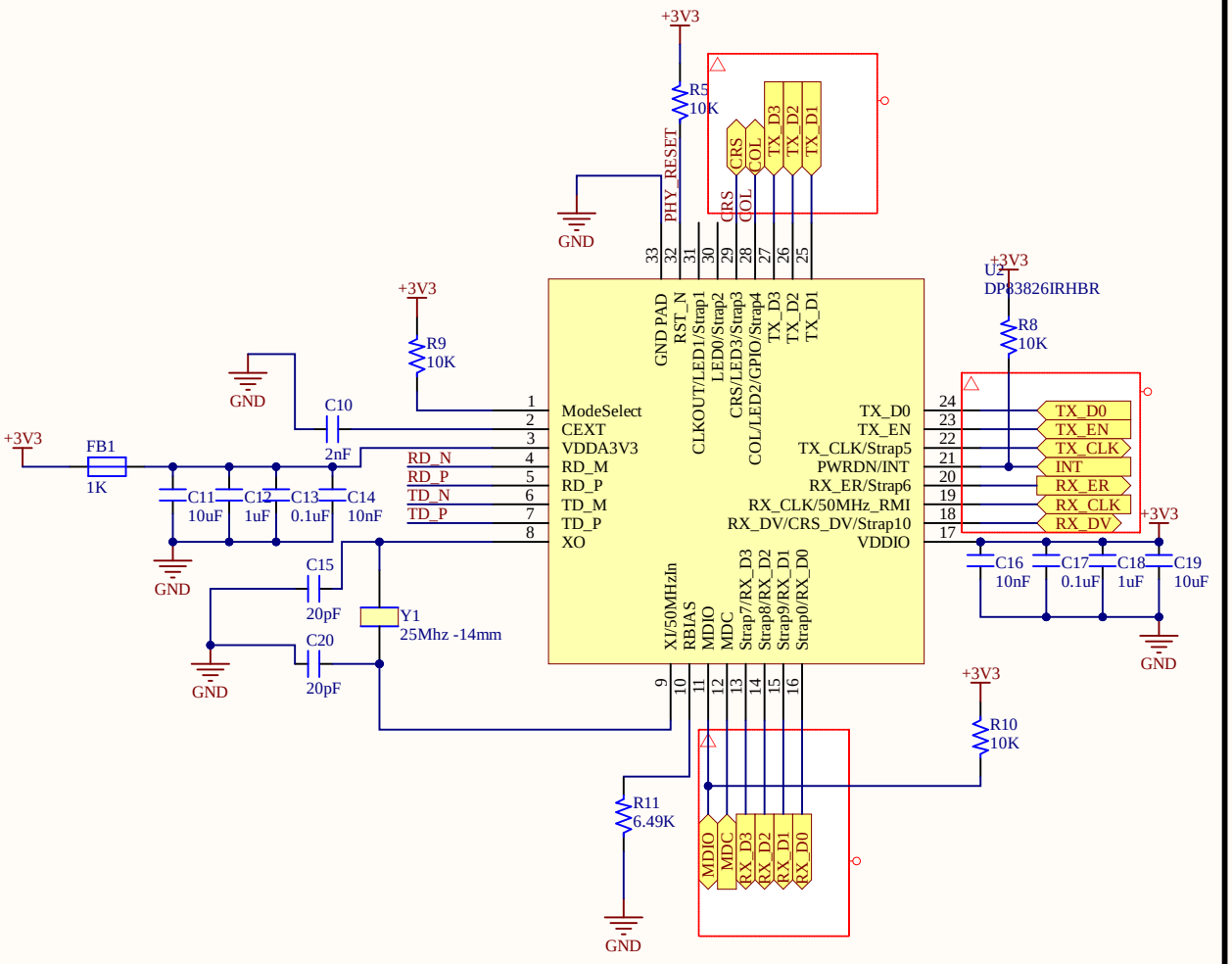
ETH Reset and Fault LEDs



RJ45 Connector



Ethernet PHY

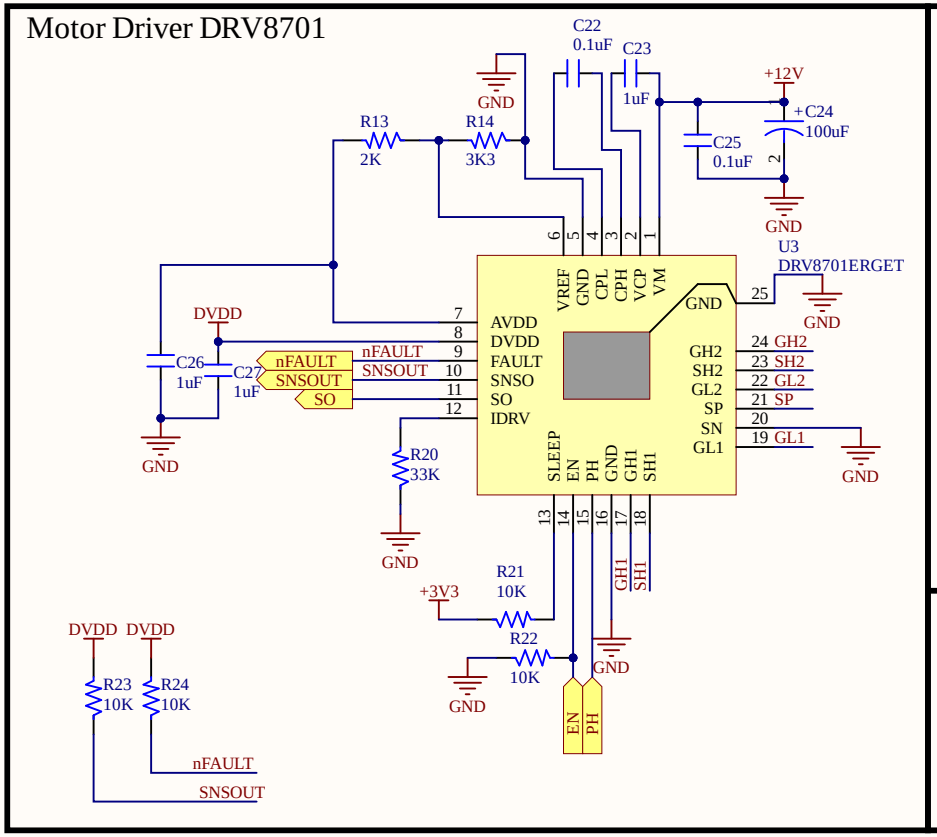


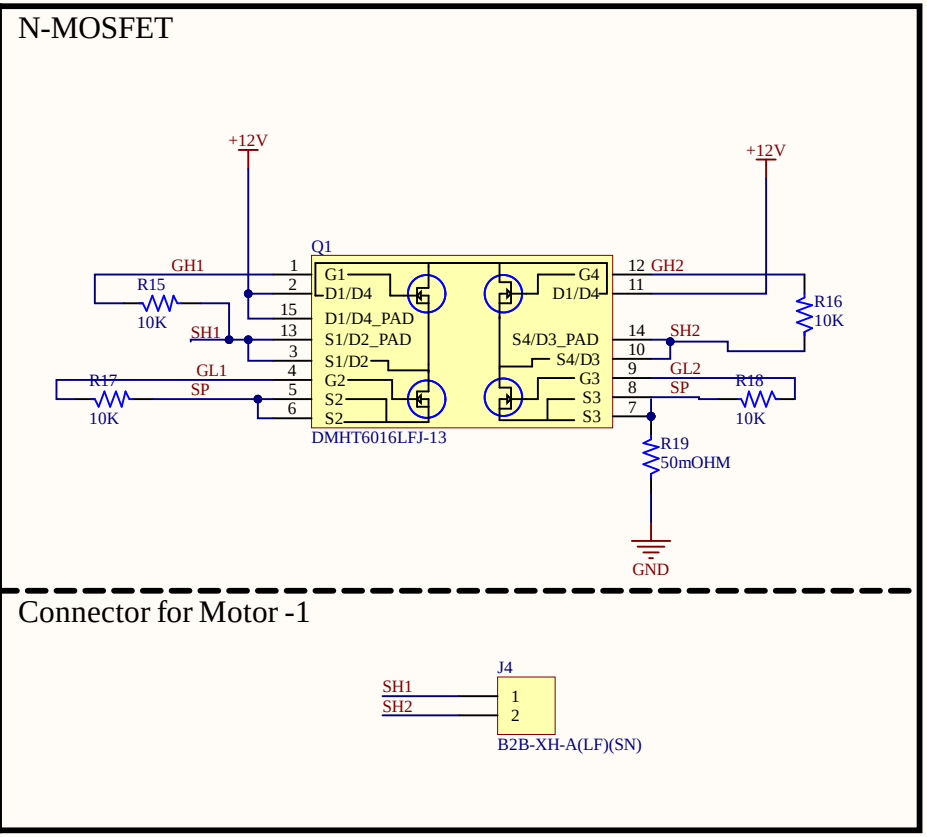
TITLE:	**Mixed Signal Board**		
DOCUMENT NAME:	**[4]- Ethernet PHY.SchDoc**		
PROJECT CODE:	**A_V1.0**	Sheet **4** of **11**	
SCALE 1:1	TEMPLATE: A4	AUTHOR: AVIRAL MISHRA	

This document is copyright of EsteemPCB and shall not be revealed, produced, copied, in whole or in part, nor used for any purpose other than submitted.

Cannot open file D:\Youtube\Logos and end screen\logo_ESTEEM2.png

DRV8701 Motor Driver-1



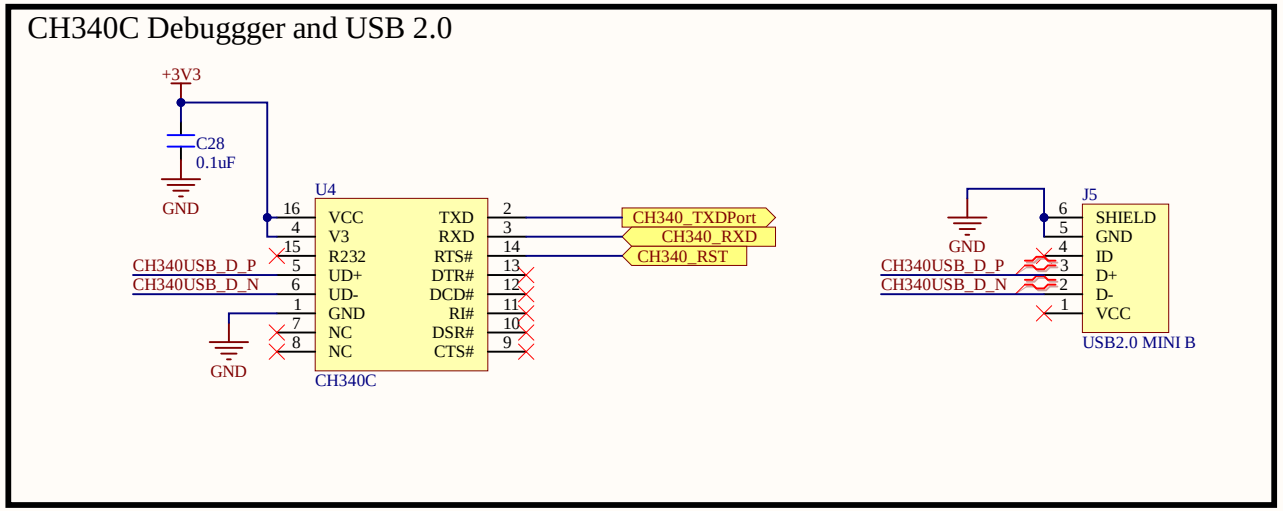


TITLE:	**Mixed Signal Board**		
DOCUMENT NAME:	**[5]-Motor Driver Schematic.SchDoc**		
PROJECT CODE:	**A_V1.0**	Sheet **5** of **11**	
SCALE 1:1	TEMPLATE: A4	AUTHOR: AVIRAL MISHRA	

This document is copyright of EsteemPCB and shall not be revealed, produced, copied, in whole or in part, nor used for any purpose other than submitted.

Cannot open file
D:\Youtube\Logos and end screen\logo_ESTEEM2.png

CH340C Uart to USB Conv.



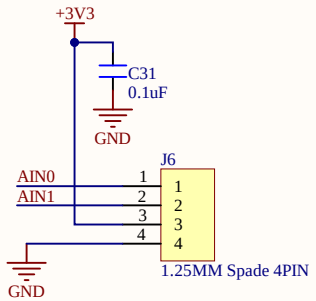
TITLE:	**Mixed Signal Board**		
DOCUMENT NAME:	**[6]-CH340C.SchDoc**		
PROJECT CODE:	**A_V1.0**	Sheet **6** of **11**	
SCALE 1:1	TEMPLATE: A4	AUTHOR: AVIRAL MISHRA	

This document is copyright of EsteemPCB and shall not be revealed, produced, copied, in whole or in part, nor used for any purpose other than submitted.

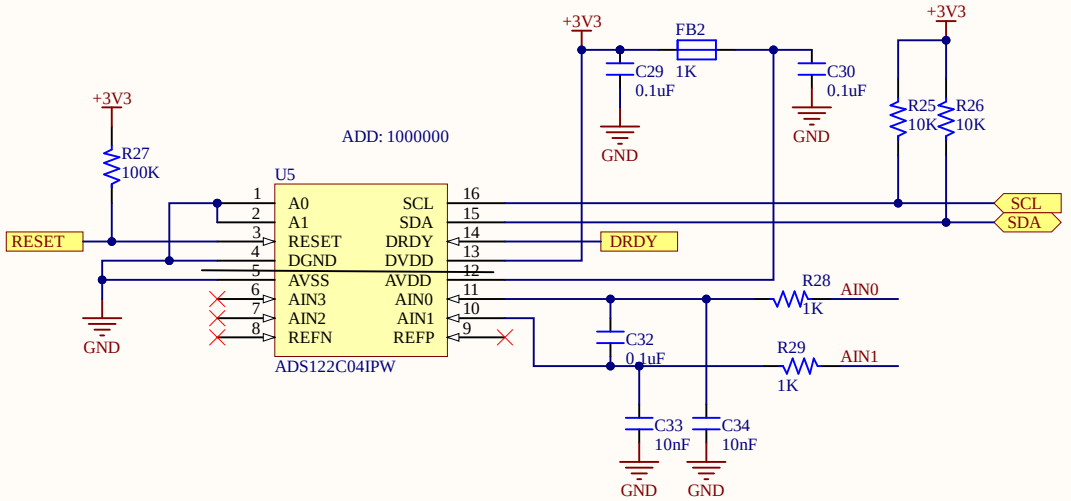
Cannot open file D:\Youtube\Logos and end screen\logo_ESTEEM2.png

24-Bit ADC for Load cell

Connector for Load cell



24 Bit ADC Chip



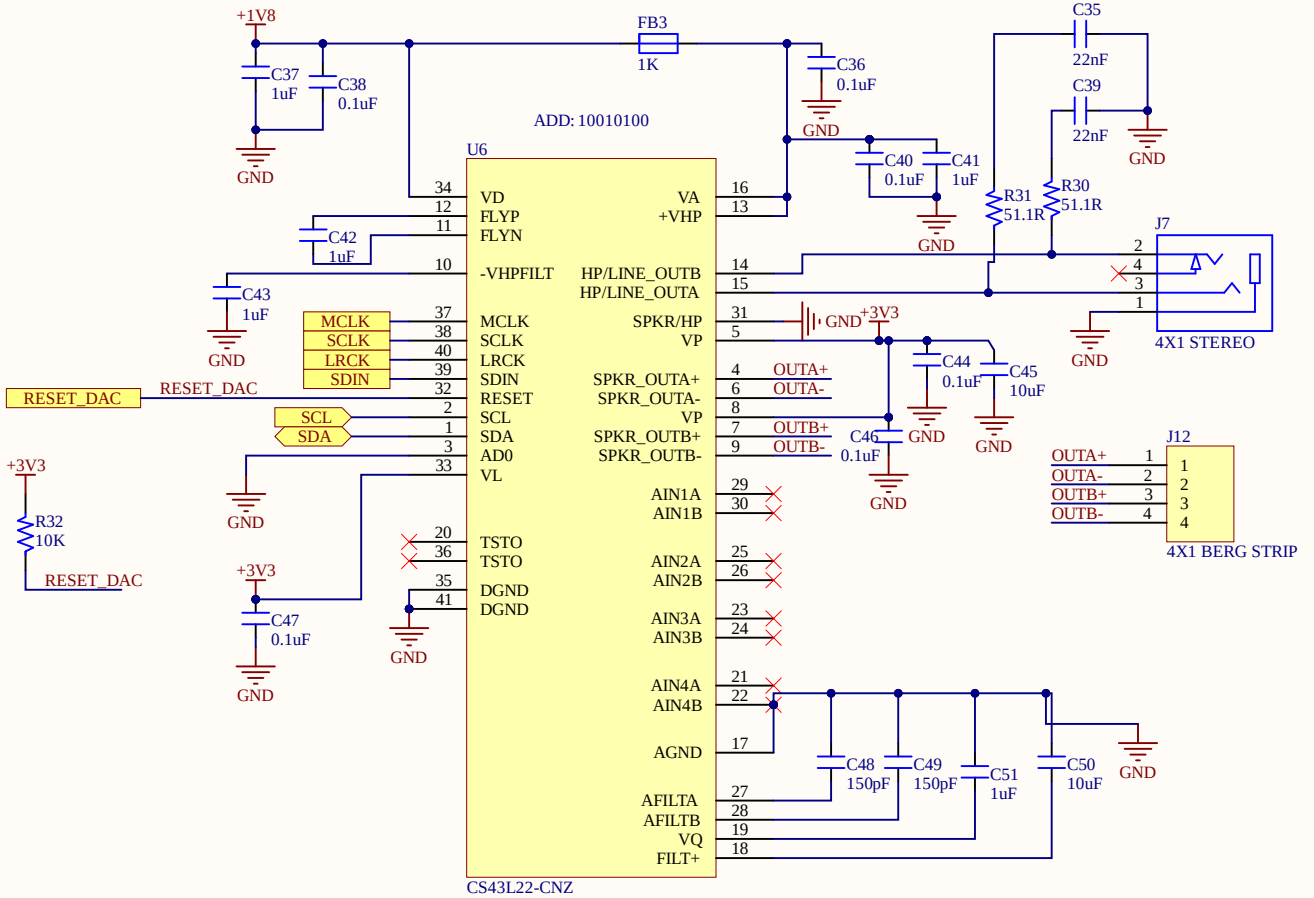
TITLE:	**Mixed Signal Board**		
DOCUMENT NAME:	**[7]- ADC Chip.SchDoc**		
PROJECT CODE:	**A_V1.0**	Sheet **7** of **11**	
SCALE 1:1	TEMPLATE: A4	AUTHOR: AVIRAL MISHRA	

This document is copyright of EsteemPCB and shall not be revealed, produced, copied, in whole or in part, nor used for any purpose other than submitted.

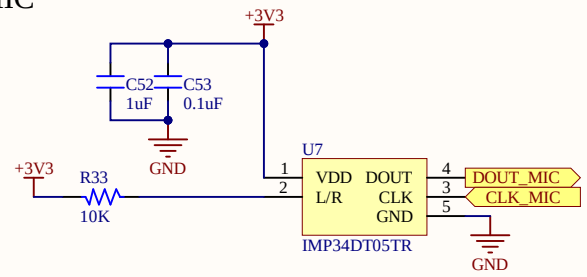
Cannot open file D:\Youtube\Logos and end screen\logo_ESTEEM2.png

Stereo DAC and Microphone

DAC For Stereo



MIC



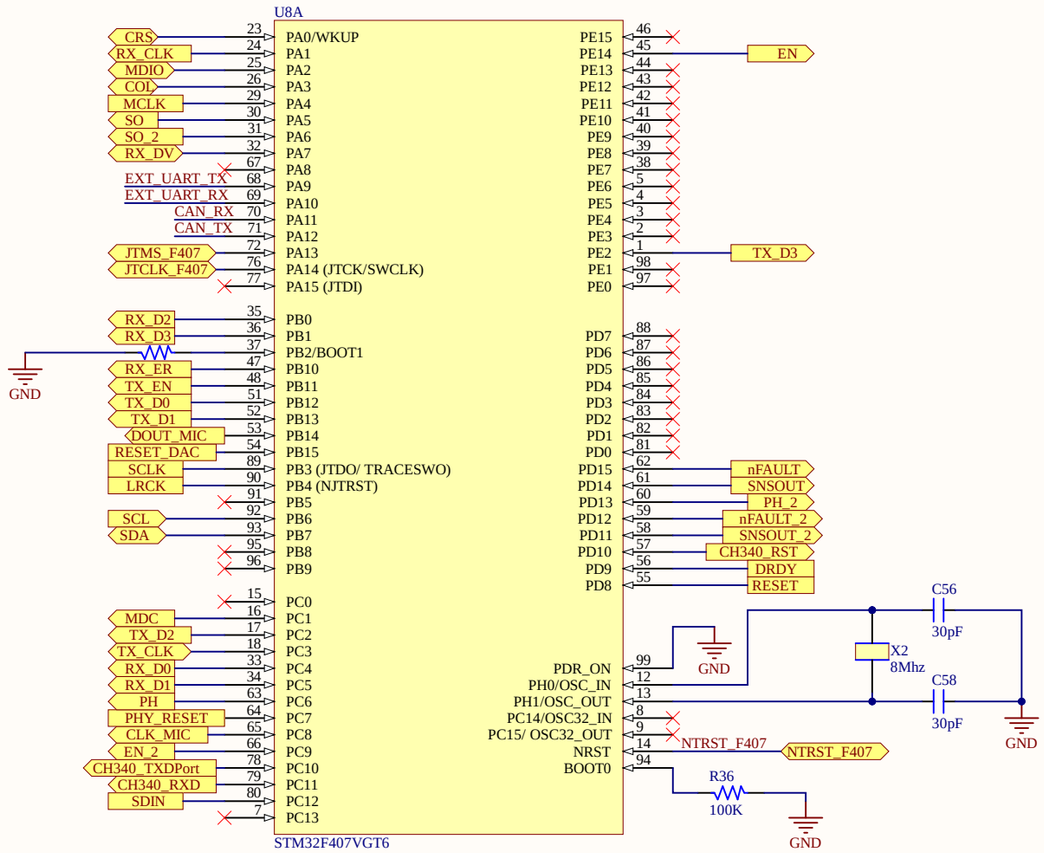
TITLE:	**Mixed Signal Board**		
DOCUMENT NAME:	**[8]-DAC and MIC.SchDoc**		
PROJECT CODE:	**A_V1.0**	Sheet **8** of **11**	
SCALE 1:1	TEMPLATE: A4	AUTHOR: AVIRAL MISHRA	

This document is copyright of EsteemPCB and shall not be revealed, produced, copied, in whole or in part, nor used for any purpose other than submitted.

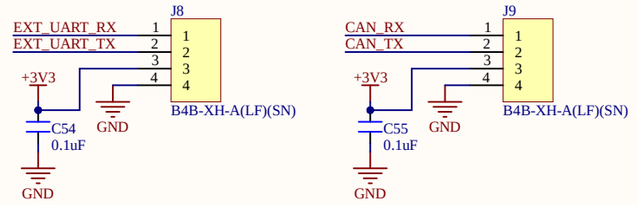
Cannot open file D:\Youtube\Logos and end screen\logo_ESTEEM2.png

STM32F407 Main Controller Page

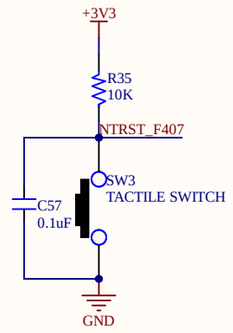
STM32F407 Main Controller



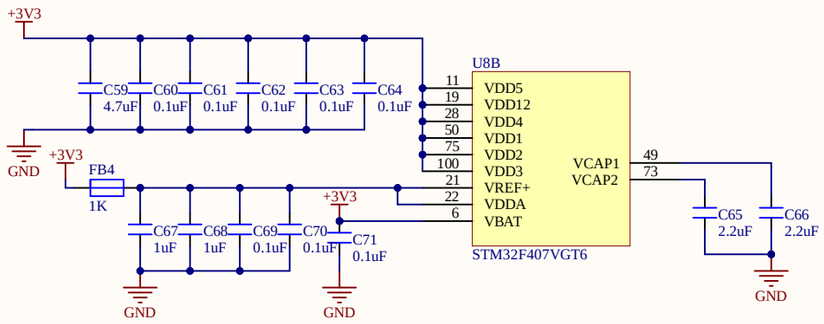
UART and CAN Connector



Reset for Main Controller



STM32F407 Main Controller

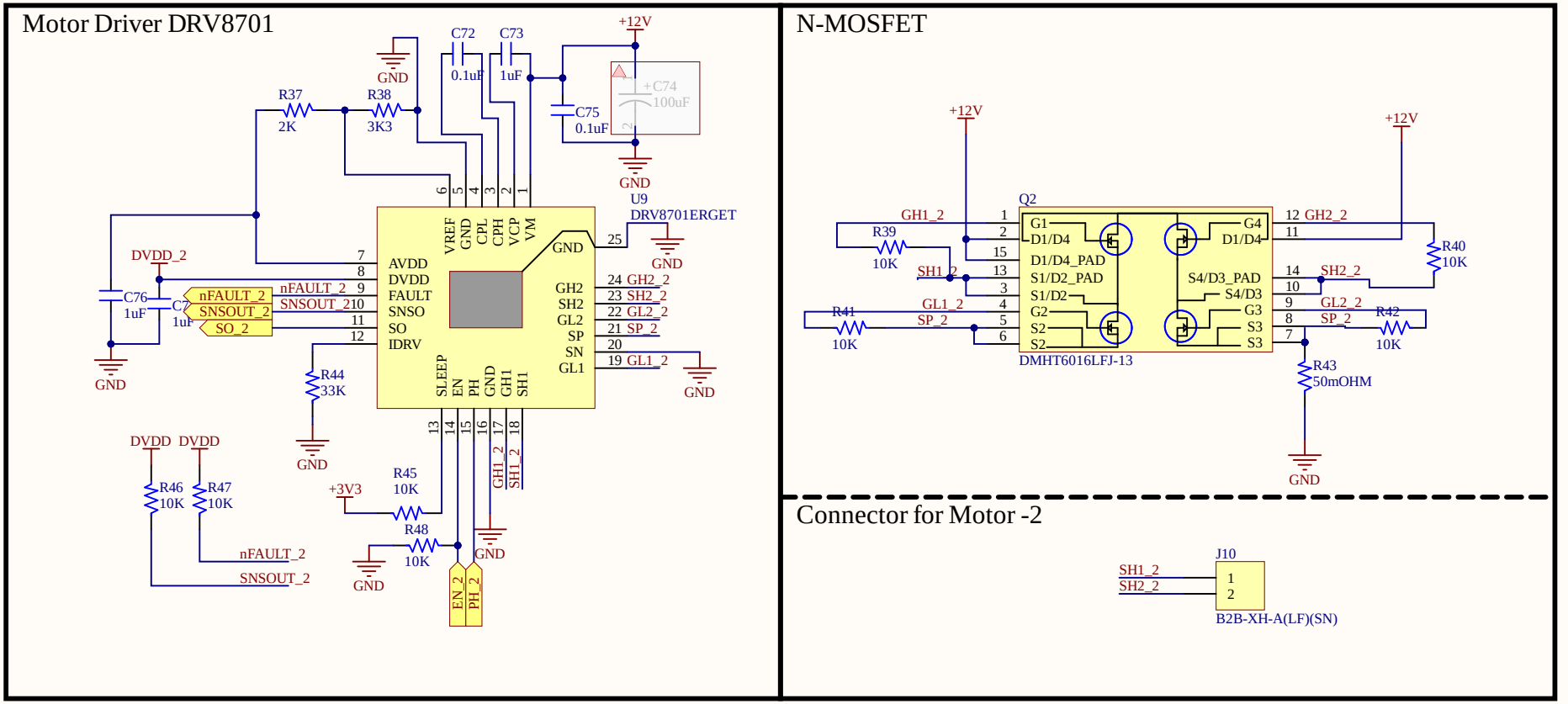


TITLE:	**Mixed Signal Board**
DOCUMENT NAME:	**[9]-STM32F407 Controller.SchDoc**
PROJECT CODE:	**A_V1.0**
Sheet	**9** of **11**
SCALE 1:1	TEMPLATE: A3
AUTHOR:	ABC

This document is copyright of Esteempcb and shall not be revealed, produced, copied, in whole or in part, nor used for any purpose other than submitted.

Cannot open file D:\Youtube\Logos and end screen\logo_ESTEEM2.png

DRV8701 Motor Driver-1



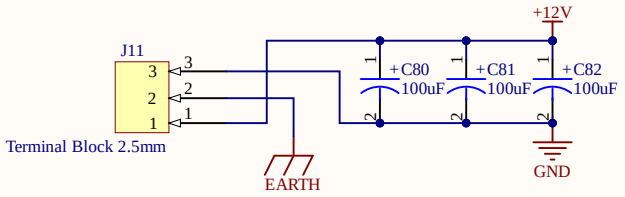
TITLE:	**Mixed Signal Board**		
DOCUMENT NAME:	**[10]-Motor Driver-2.SchDoc**		
PROJECT CODE:	**A_V1.0**	Sheet	**10** of **11**
SCALE 1:1	TEMPLATE: A4	AUTHOR:	AVIRAL MISHRA

This document is copyright of EsteemPCB and shall not be revealed, produced, copied, in whole or in part, nor used for any purpose other than submitted.

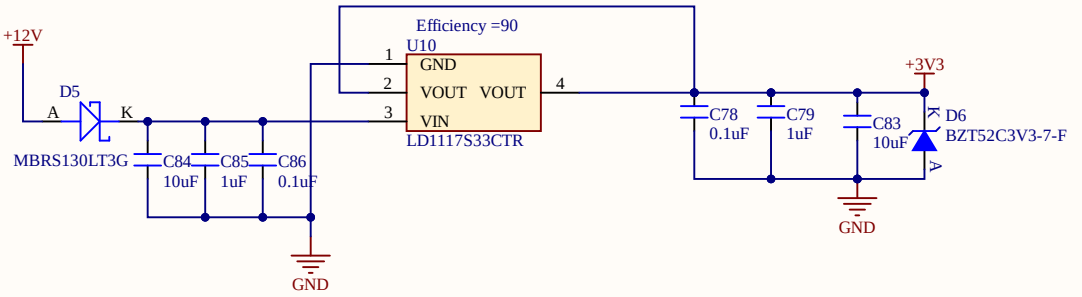
Cannot open file D:\Youtube\Logos and end screen\logo_ESTEEM2.png

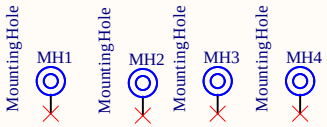
Power Supply Page

I/P Power Connector

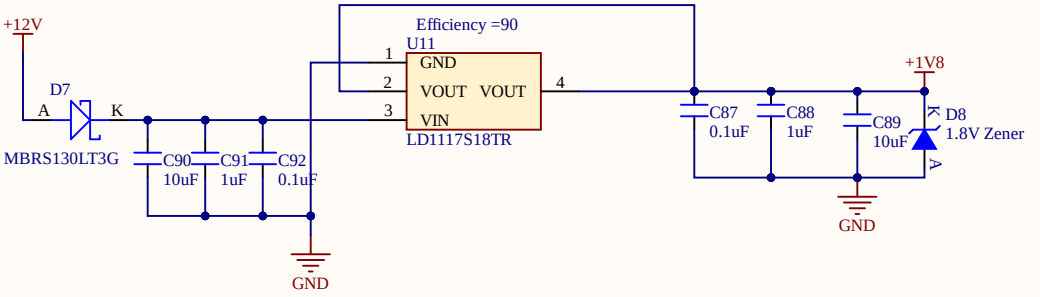


+3V3 Regulator





+1V8 Regulator



TITLE:	**Mixed Signal Board**		
DOCUMENT NAME:	**[11]- Power Input and Regulators.SchDoc**		
PROJECT CODE:	**A_V1.0**	Sheet	**11** of **11**
SCALE 1:1	TEMPLATE: A4	AUTHOR:	AVIRAL MISHRA

This document is copyright of EsteemPCB and shall not be revealed, produced, copied, in whole or in part, nor used for any purpose other than submitted.

Cannot open file D:\Youtube\Logos and end screen\logo_ESTEEM2.png