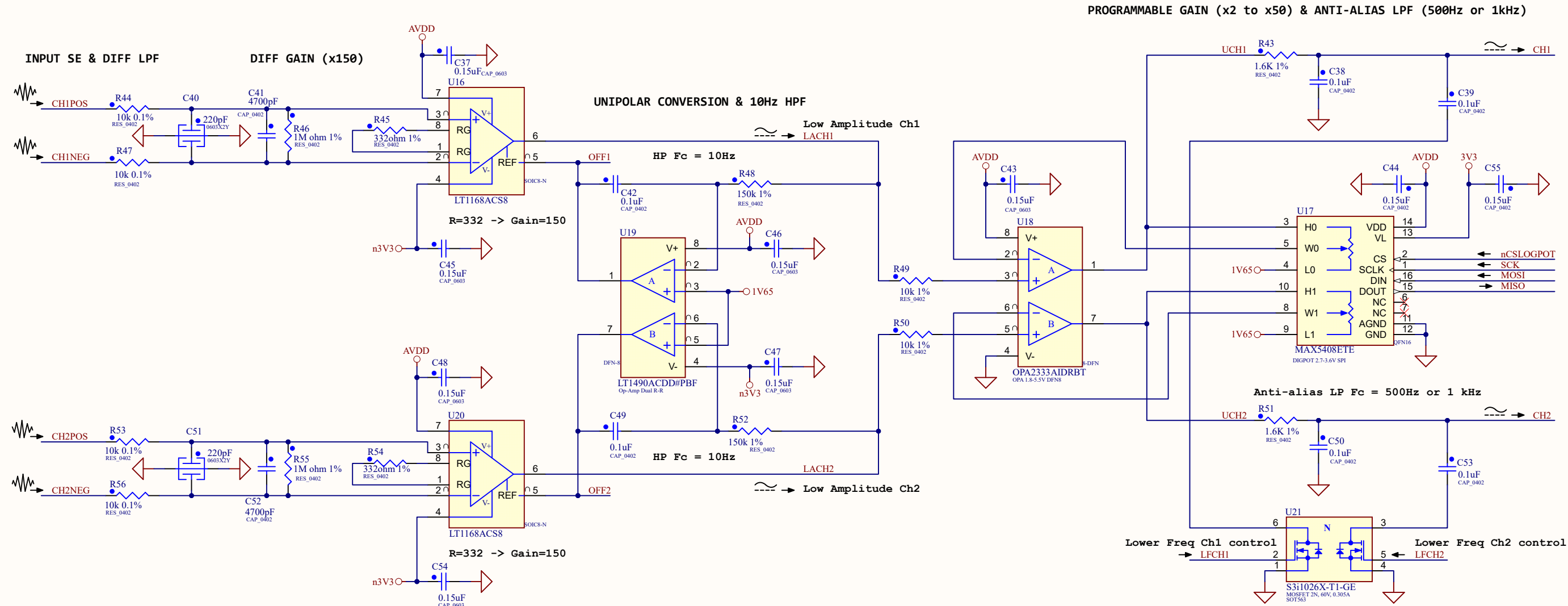


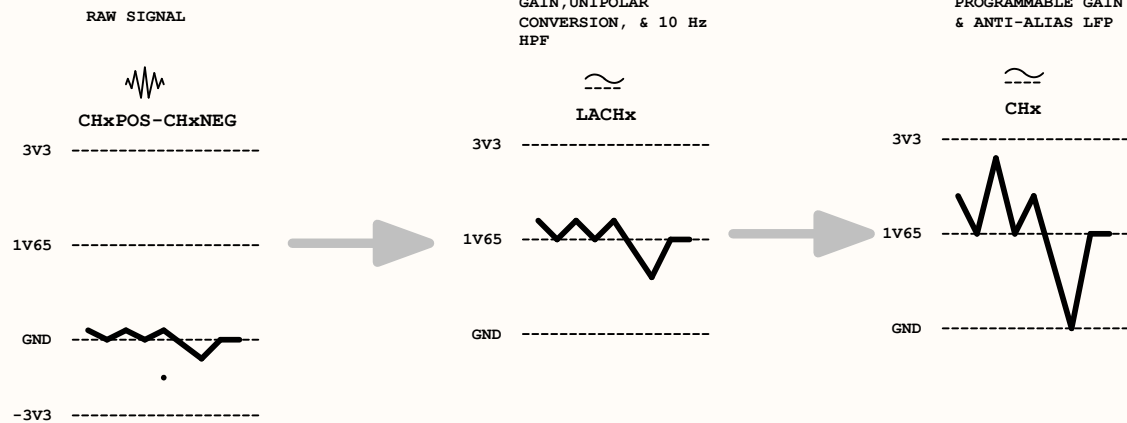


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-61 BIOPOTENTIAL AMPLIFIER SYSTEM



BIOPOTENTIAL AMPLIFIER SIGNAL FLOW



MAX5408 WIPER, GAIN

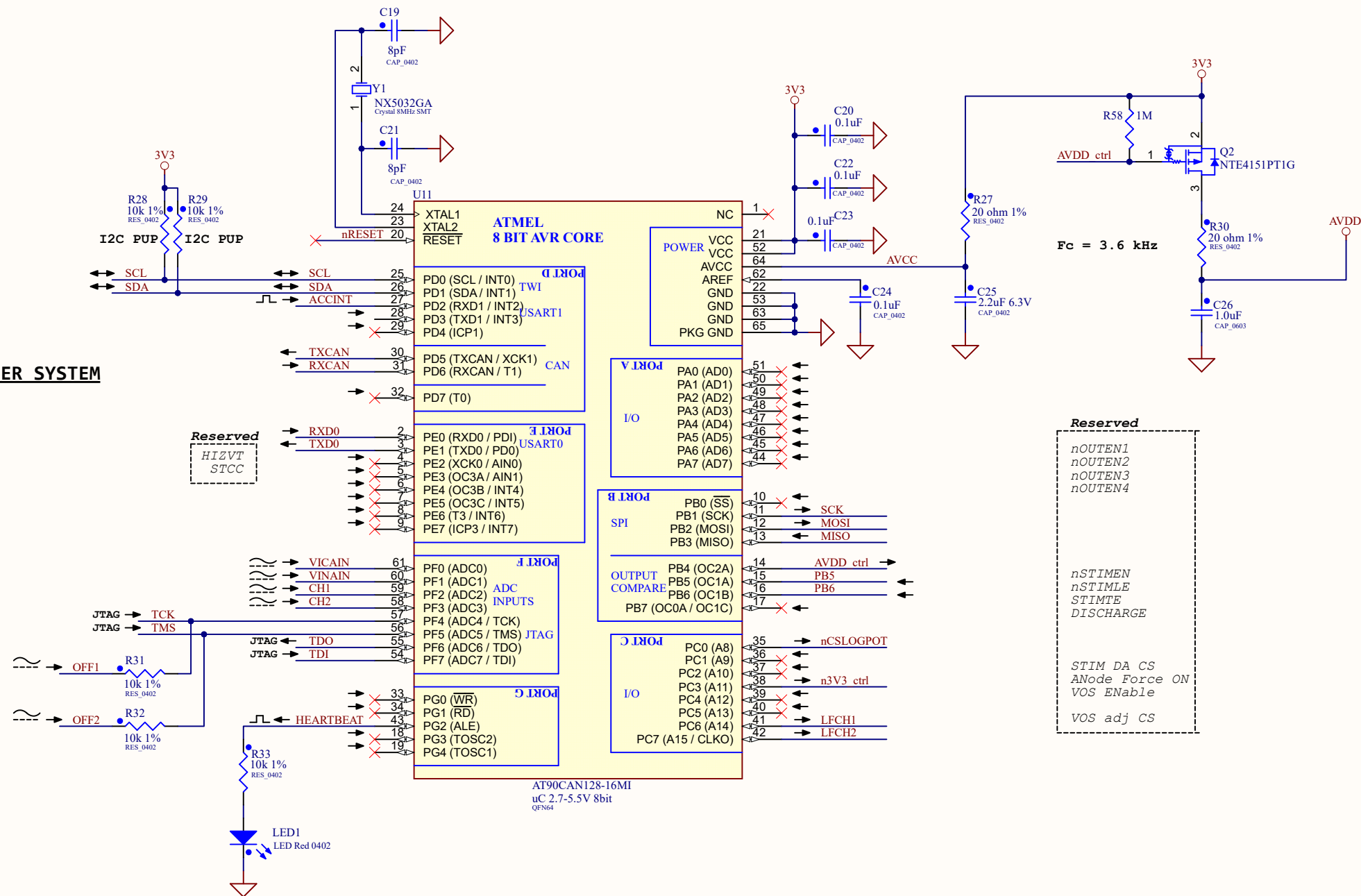
WP	Gain	dB
0	1.0	0
1	1.3	2
2	1.6	4
3	2.0	6
4	2.5	8
5	3.2	10
6	4.0	12
7	5.0	14
8	6.3	16
9	7.9	18
10	10.0	20
11	12.6	22
12	15.8	24
13	20.0	26
14	25.1	28
15	31.6	30


WP	Gain	dB
16	39.8	32
17	50.1	34
18	63.1	36
19	79.4	38
20	100.0	40
21	125.9	42
22	158.5	44
23	199.5	46
24	251.2	48
25	316.2	50
26	398.1	52
27	501.2	54
28	631.0	56
29	794.3	58
30	1000.0	60
31	1258.9	62

APPROVALS	DATE	PROJECT	SYNAPSE		
ENG: T. Crish	10-25-2022	*			
DSN: K. Kowalski	10-25-2022	PROJECT REVISION:*	DOCUMENT REVISION:*	DESIGN ITEM:*	
CHK: T. Crish	10-25-2022	TITLE			
Biopotential Amplifier System					
BOM: *		SIZE	CAGE CODE	DWG NO.	REV
ASSY DWG: *		B	*	51-2003-01	8
FAB DWG: *					
PCB DWG: *		SCALE: *	FILE NAME	SHEET	OF
			xxxx	2	6

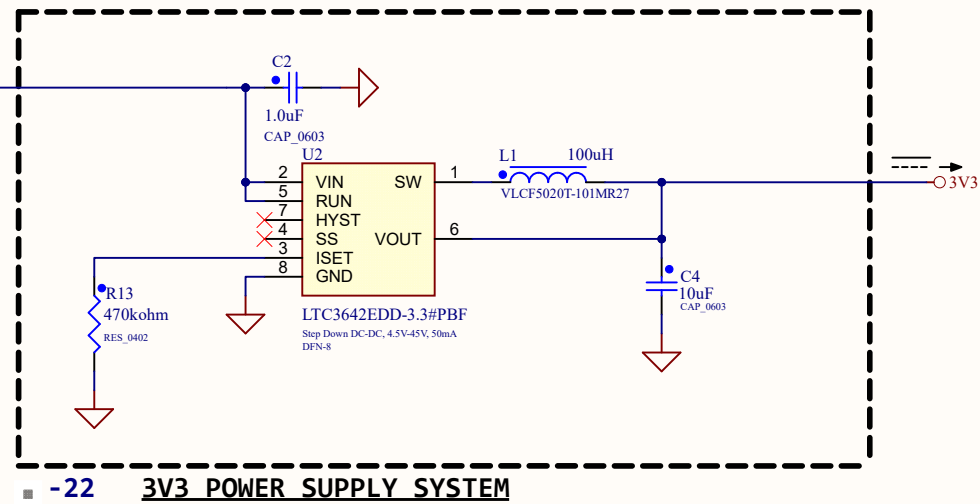
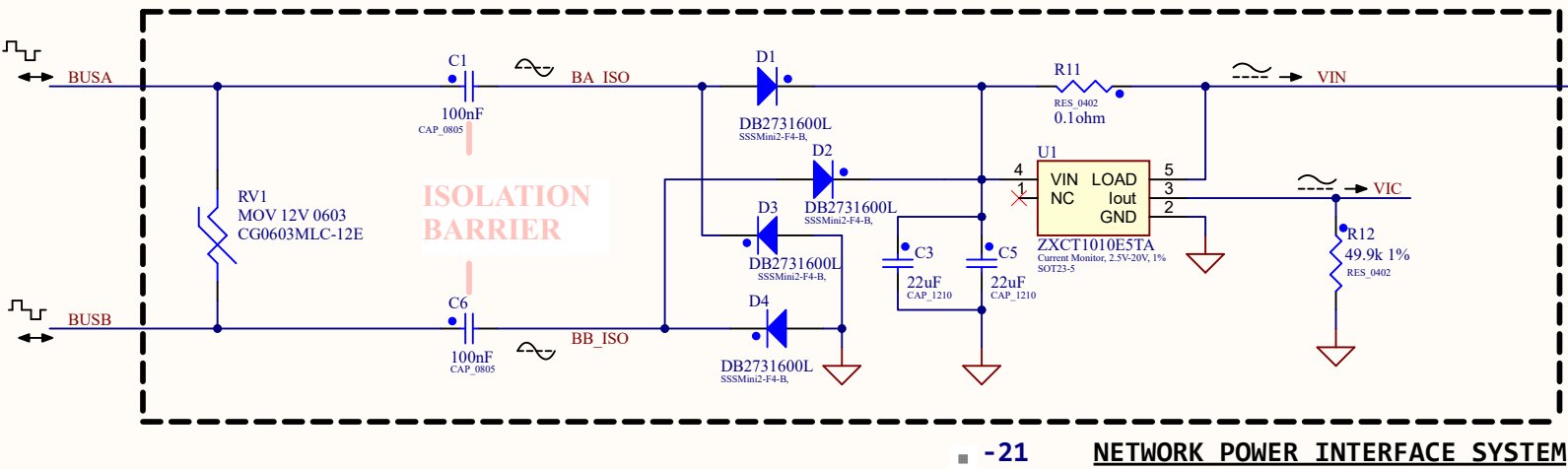
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■ -41 MICROCONTROLLER SYSTEM

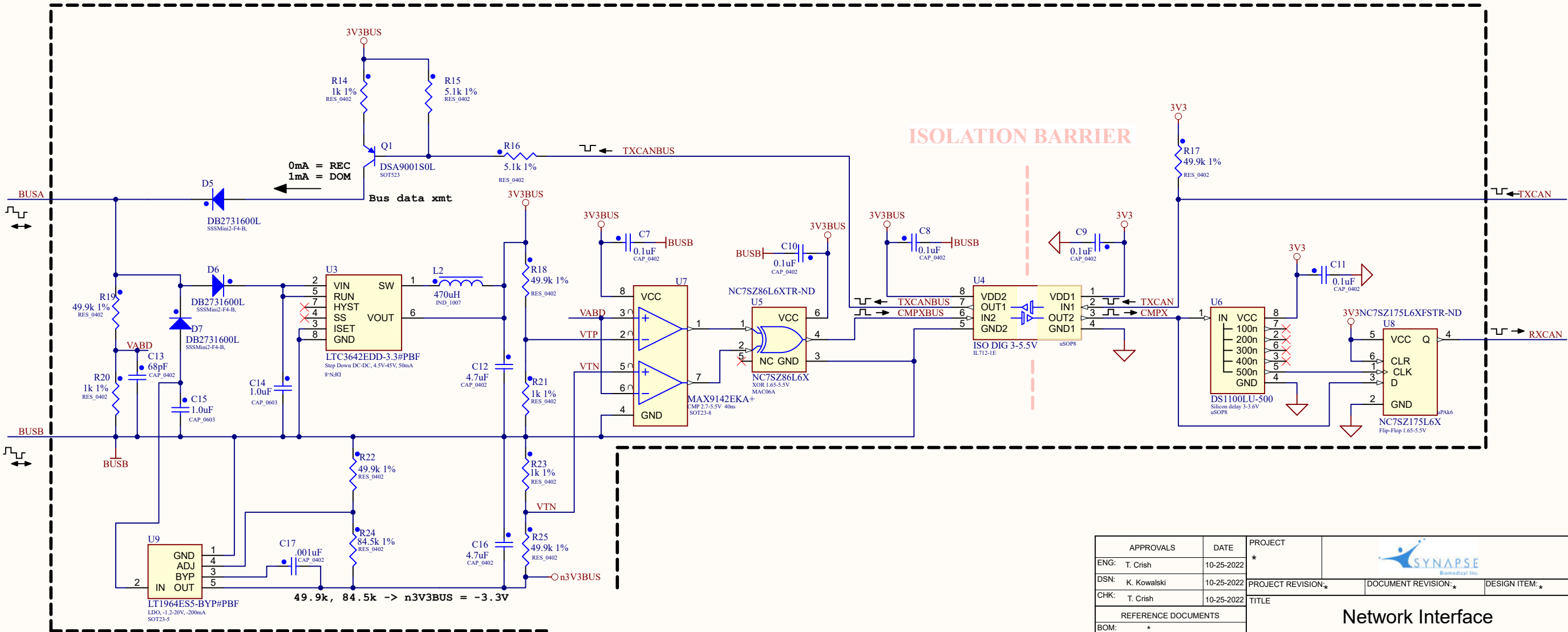


APPROVALS		DATE	PROJECT			
ENG: T. Crish		10-25-2022	*			
DSN: K. Kowalski		10-25-2022	PROJECT REVISION:*		DOCUMENT REVISION:*	DESIGN ITEM:*
CHK: T. Crish		10-25-2022	TITLE  <h1>BP2 Microcontroller</h1>			
REFERENCE DOCUMENTS						
BOM: *						
ASSY DWG: *						
FAB DWG: *						
PCB DWG: *						
SIZE		CAGE CODE	DWG NO.		REV	
B		*	51-2003-01		8	
SCALE: *		FILE NAME			SHEET 3 OF 6	
		XXXX				

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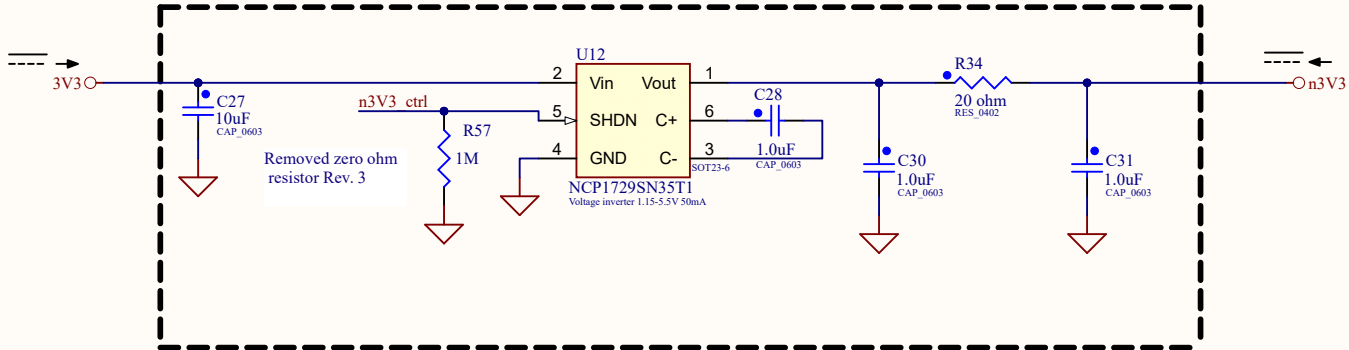
**-11 NETWORK DATA INTERFACE SYSTEM**



APPROVALS		DATE	PROJECT		SYNAPSE	
ENG: T. Crish		10-25-2022	*		Biomedical Inc.	
DSN: K. Kowalski		10-25-2022	PROJECT REVISION:*		DOCUMENT REVISION:*	DESIGN ITEM:*
CHK: T. Crish		10-25-2022	TITLE		Network Interface	
REFERENCE DOCUMENTS		SIZE	CAGE CODE	DWG NO.	REV	
BOM: *		B	*	51-2003-01	8	
ASSY DWG: *		SCALE: *		FILE NAME: xxxxx	SHEET 4 OF 6	
FAB DWG: *						
PCB DWG: *						

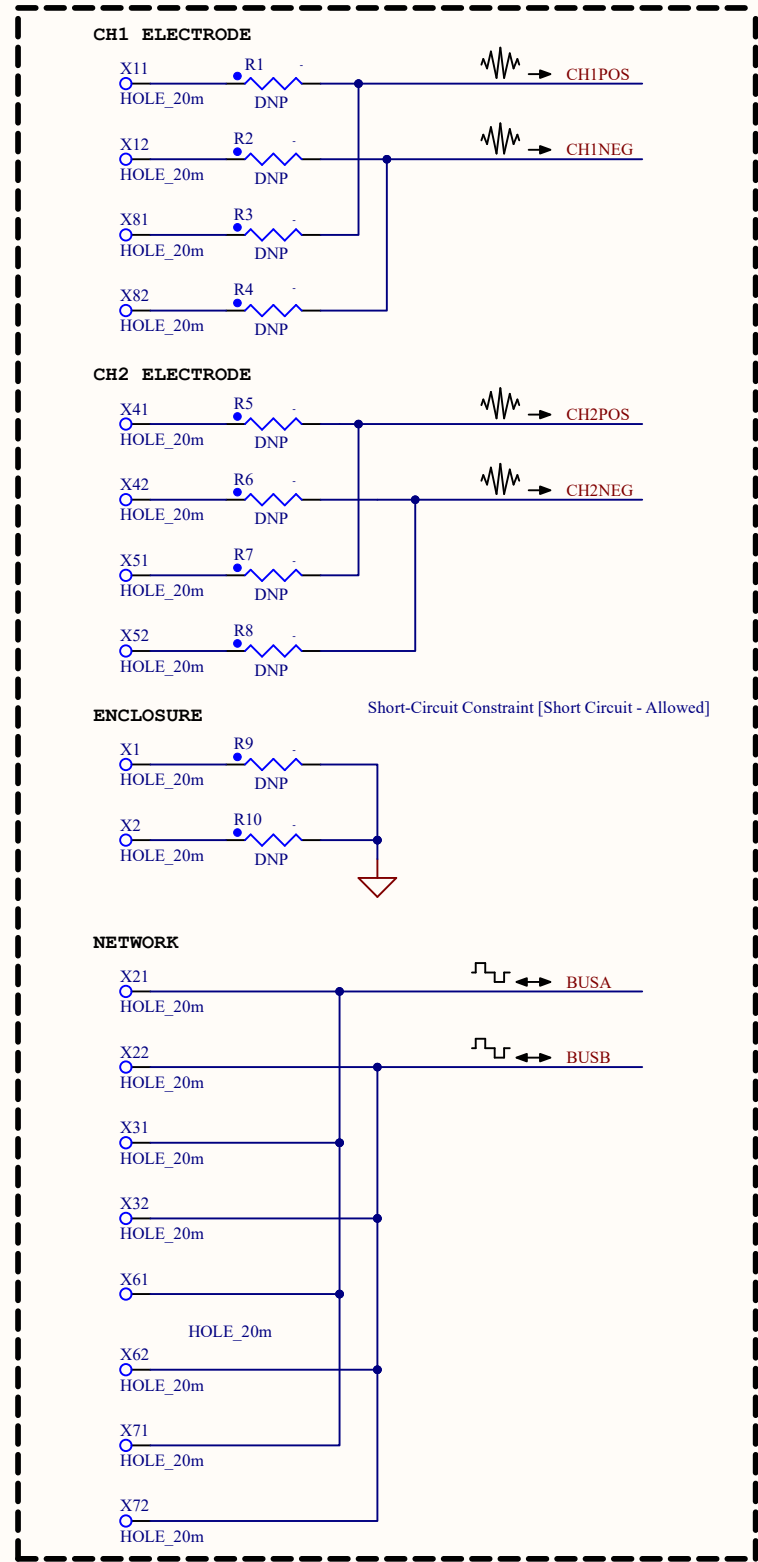
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**-23 n3V3 POWER SUPPLY SYSTEM**

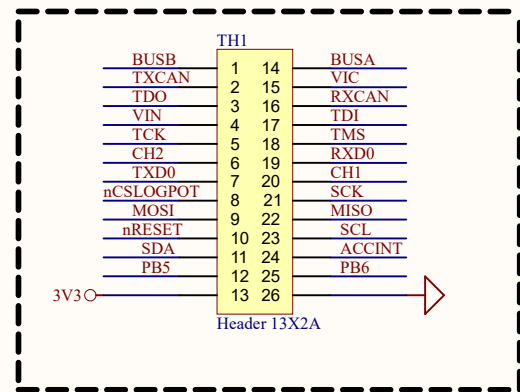



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1 MODULE HEADER SYSTEM



-2 TEST HEADER SYSTEM



APPROVALS		DATE	PROJECT			
ENG: T. Crish		10-25-2022	*			
DSN: K. Kowalski		10-25-2022	PROJECT REVISION:*		DOCUMENT REVISION:*	DESIGN ITEM:*
CHK: T. Crish		10-25-2022	TITLE			
REFERENCE DOCUMENTS			BP2 Modular and Test Header			
BOM: *						
ASSY DWG: *			SIZE	CAGE CODE	DWG NO.	REV
FAB DWG: *			B	*	51-2003-01	8
PCB DWG: *			SCALE: *	FILE NAME xxxxx		SHEET 6 OF 6