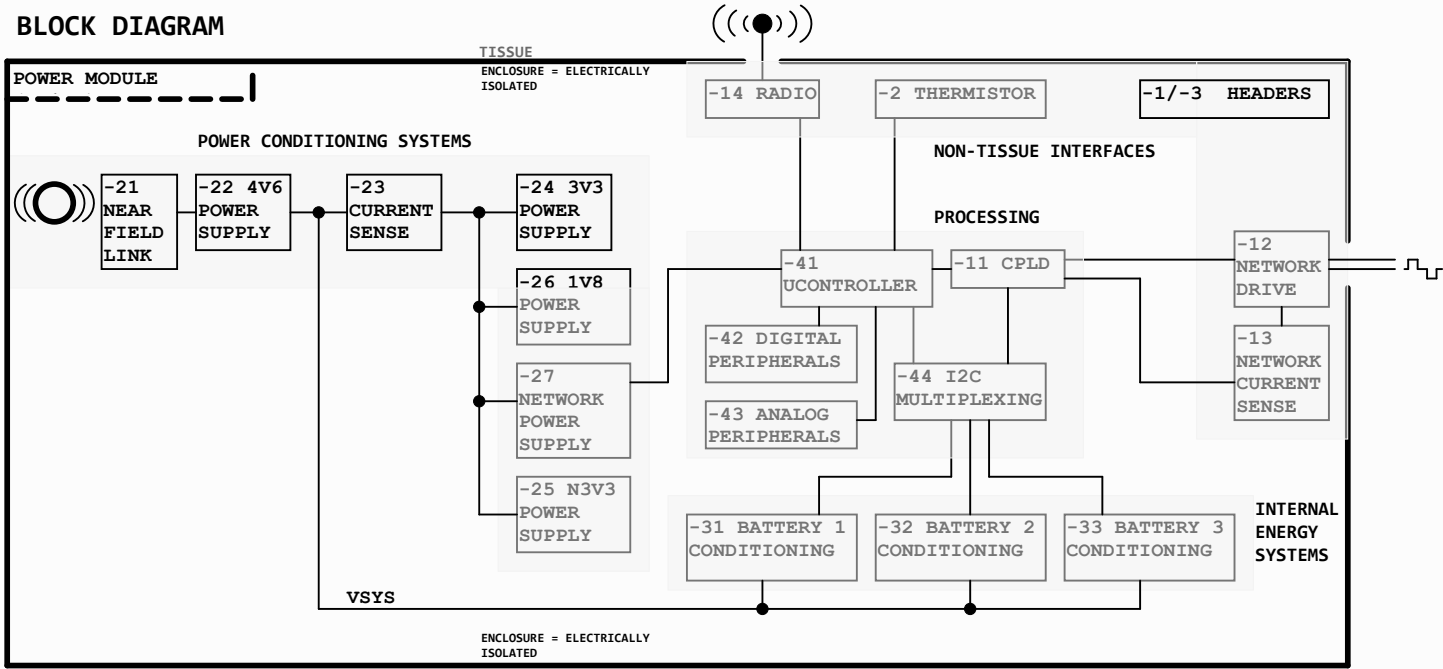


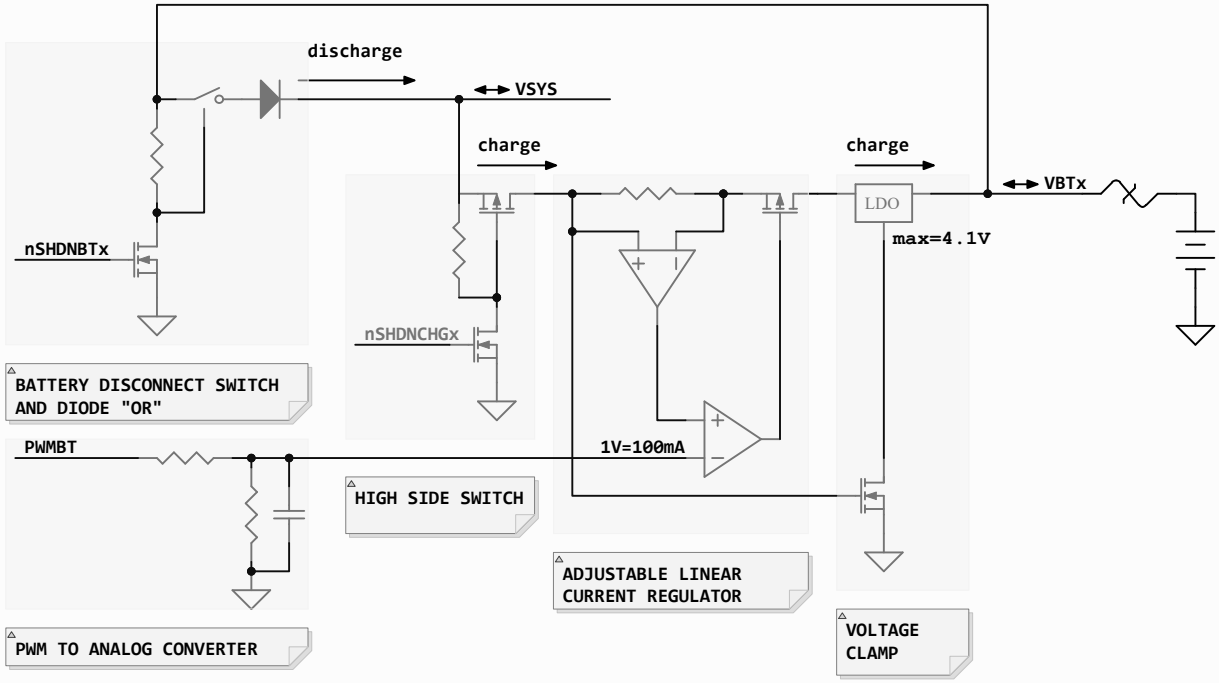
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ECN	DESCRIPTION	REV	DATE

BLOCK DIAGRAM

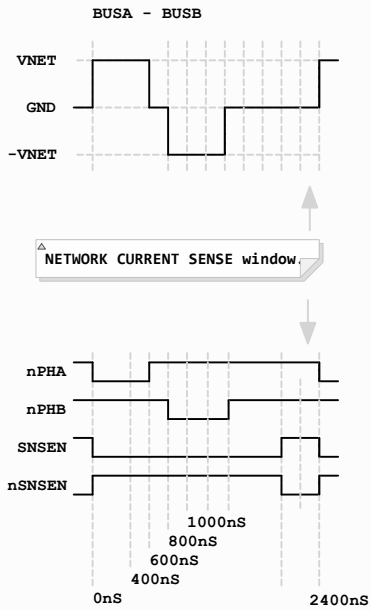


BLOCK DIAGRAM FOR A SINGLE BATTERY CONDITIONING SYSTEM

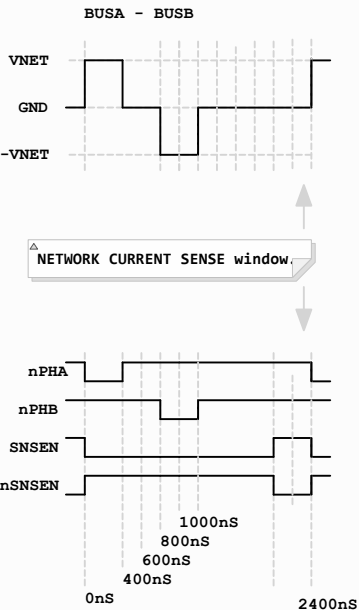


FESCAN BIT DECODING

RECESSIVE



DOMINANT



- NOTES:
- 1) Width of (BUSA - BUSB) voltage pulse determines remote module receive bit (0 or 1)
 - 2) Current on bus at 2000ns indicates remote module transmit bit
 - 3) Ref PRJ-NNPS-SYS-REP-04
 - 4) Bold traces carry up to 500mA, 15ns edges

APPROVALS	DATE	SYNAPSE Biomedical Inc.		
ENG: R. Yoder	7-19-2018			
DSN: K. Kowalski	4-12-2022	PROJECT REVISION:*	DOCUMENT REVISION:*	DESIGN ITEM:*
CHK: T. Crish	4-12-2022	TITLE		
REFERENCE DOCUMENTS		Concept 2		
BOM: *				
ASSY DWG: 51-2001		SIZE B	DWG NO. 51-2001-01-3	REV 4
FAB DWG: *				
PCB DWG: 52-2001		SCALE: *	FILE NAME 51-2001-01-3_04.SchDoc	SHEET 3 OF 18