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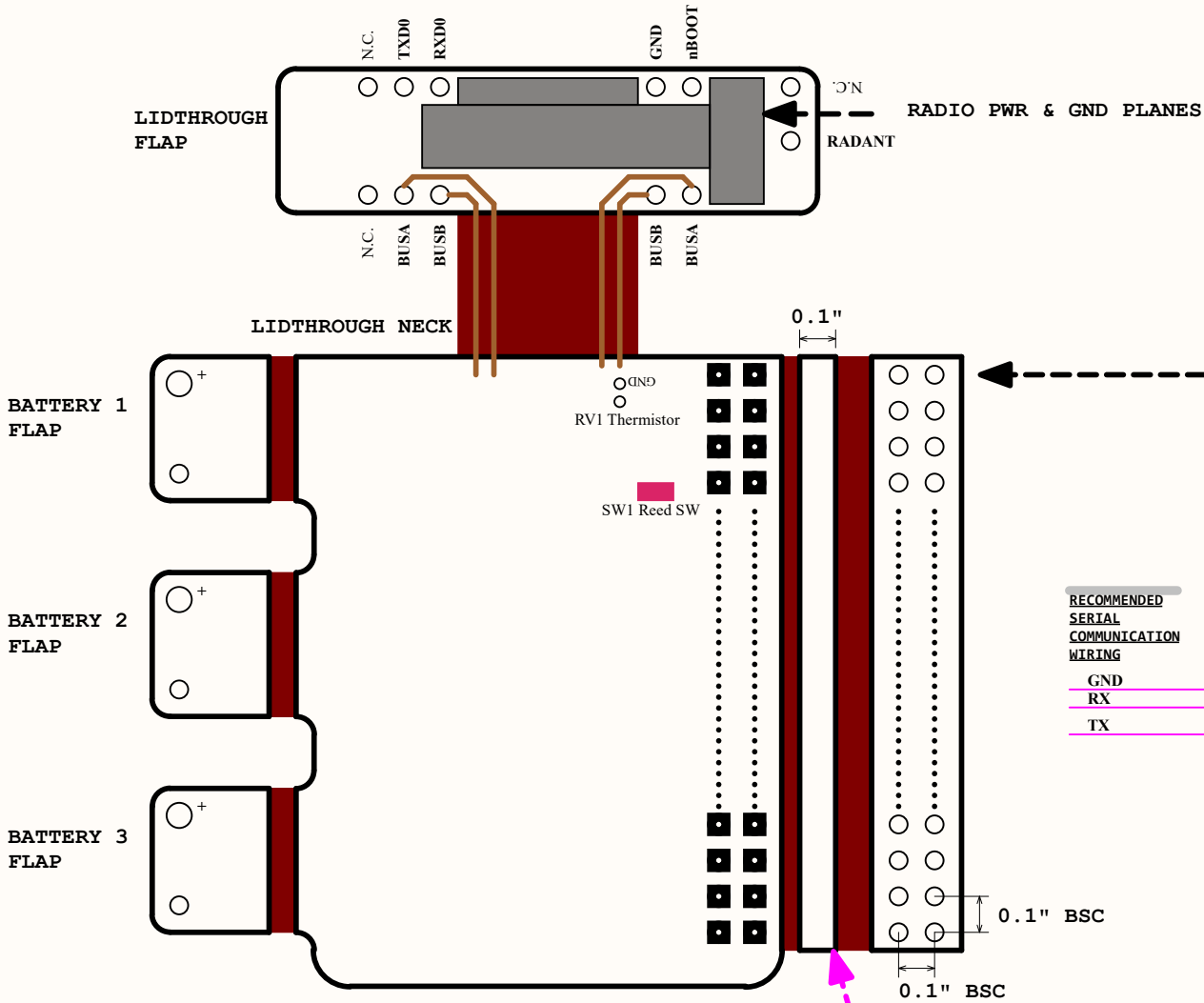
DWG. NO. REV. SHT.

ECN	DESCRIPTION	REV	DATE

MECHANICAL LEGEND

- through hole
- top & bottom test pad with via
- PCB trace
- flex PCB only
- rigid-flex PCB

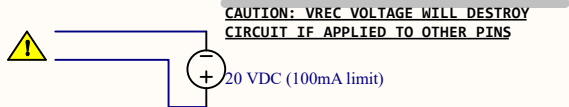
TOP SIDE FEATURES



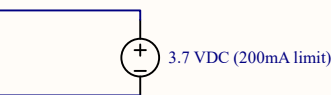
TEST HEADER PINOUT

36	RTCK_LPC	GND	35
34	TDI_LPC	VREC	33
32	TDO_LPC	1V8	31
30	TMS_LPC	n3V3	29
28	TCK_LPC	VNET	27
26	nTRST_LPC	VSUPPLY	25
24	nBOOT	VSYS	23
22	nDRESET	SDATA	21
20	nRESET	SCLOCK	19
18	GND	GND	17
16	RXD0	MISO1	15
14	TXD0	MOSI1	13
12	TMS_CPLD	SCK1	11
10	TDI_CPLD	MISO0	9
8	TDO_CPLD	MOSI0	7
6	TCK_CPLD	SCK0	5
4	GND	TXCAN	3
2	3V3	RXCAN	1

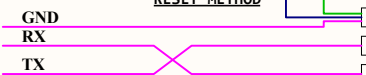
NEAR FIELD COIL SIMULATION CONNECTION



RECOMMENDED TEST POWER CONNECTION



RECOMMENDED SERIAL COMMUNICATION WIRING



RECOMMENDED BOOTLOADER ENTRY METHOD

RECOMMENDED RESET METHOD

ASSEMBLY NOTES

CUT FLEX AS CLOSE AS POSSIBLE TO THIS FLAP BEFORE FINAL ASSY

FLAP IS ADHERED TO COIL DURING FINAL ASSY FOR MECHANICAL STABILITY

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