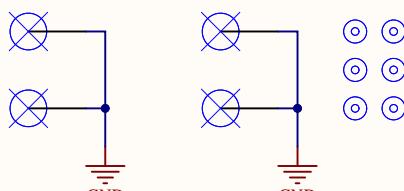
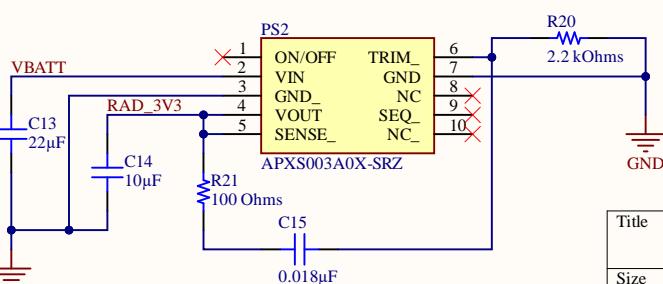
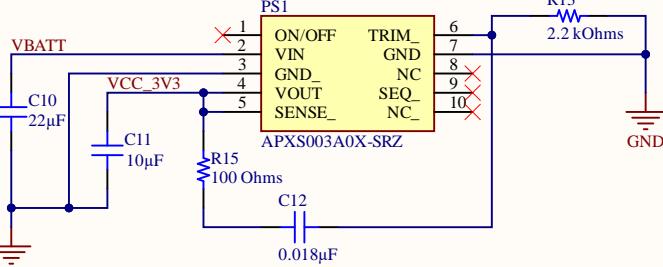
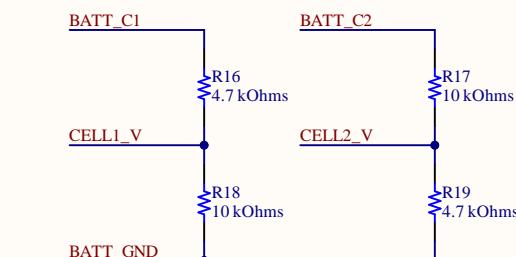
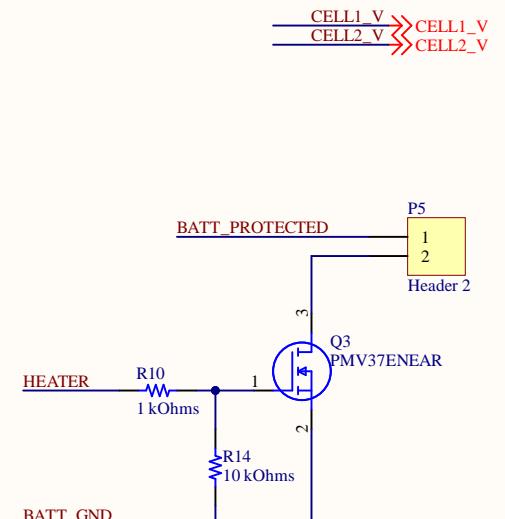
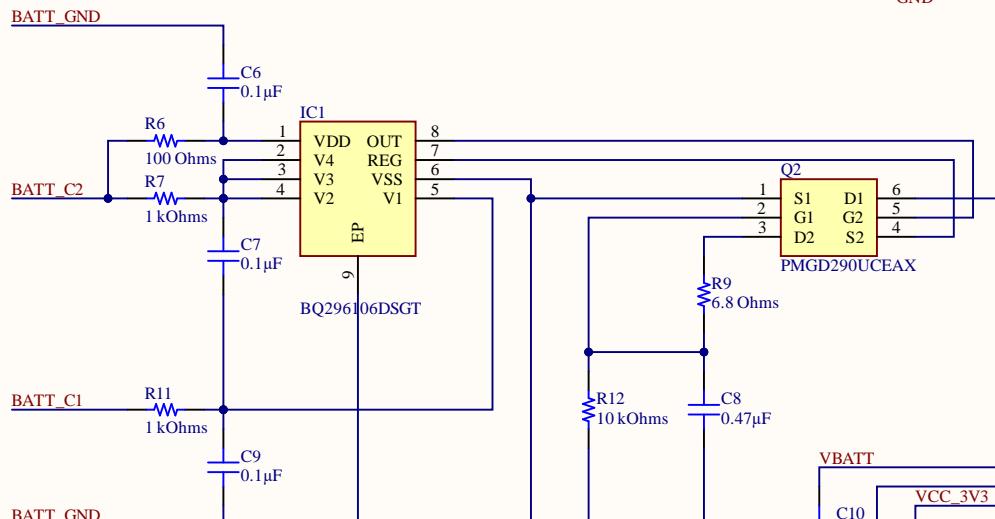
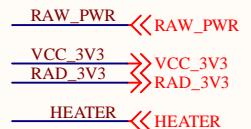
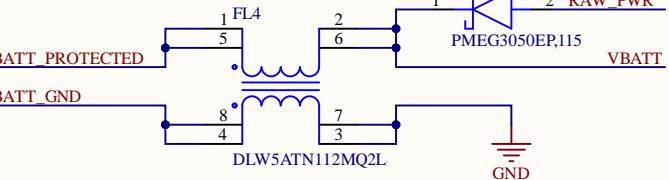
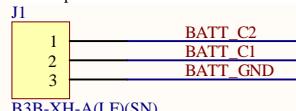


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Ensure pinout is labelled on silkscreen



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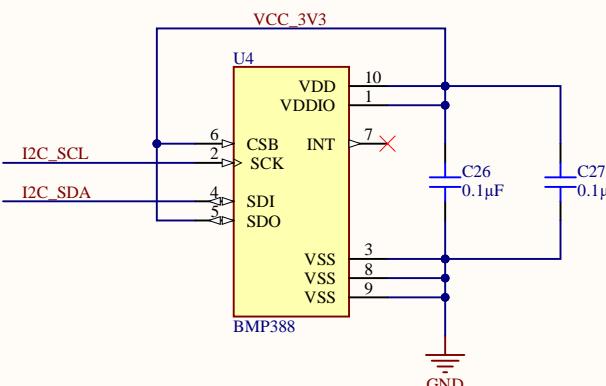
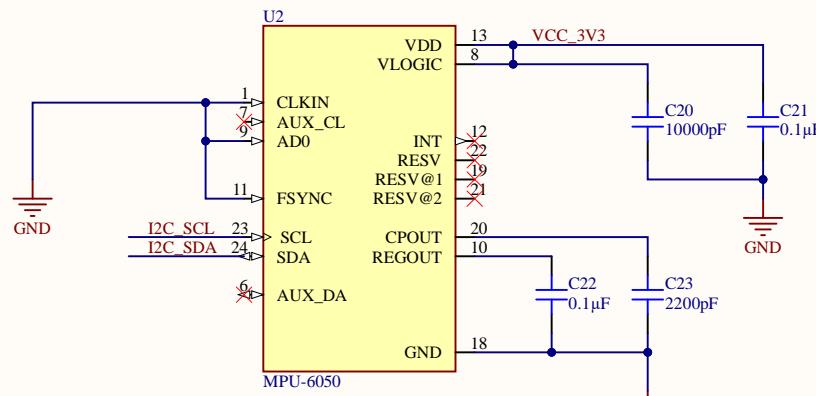
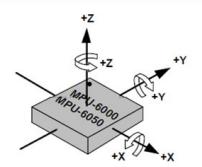
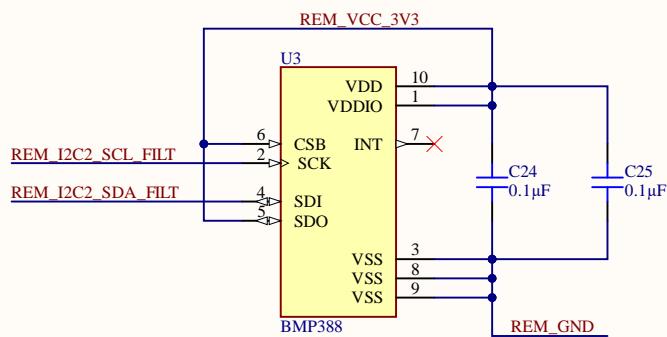
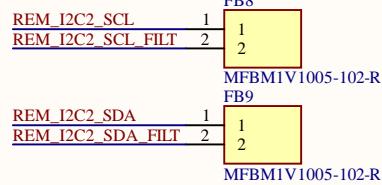
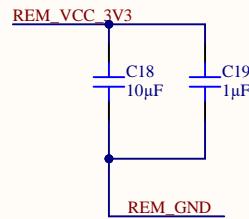
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Remote BMP388 Board



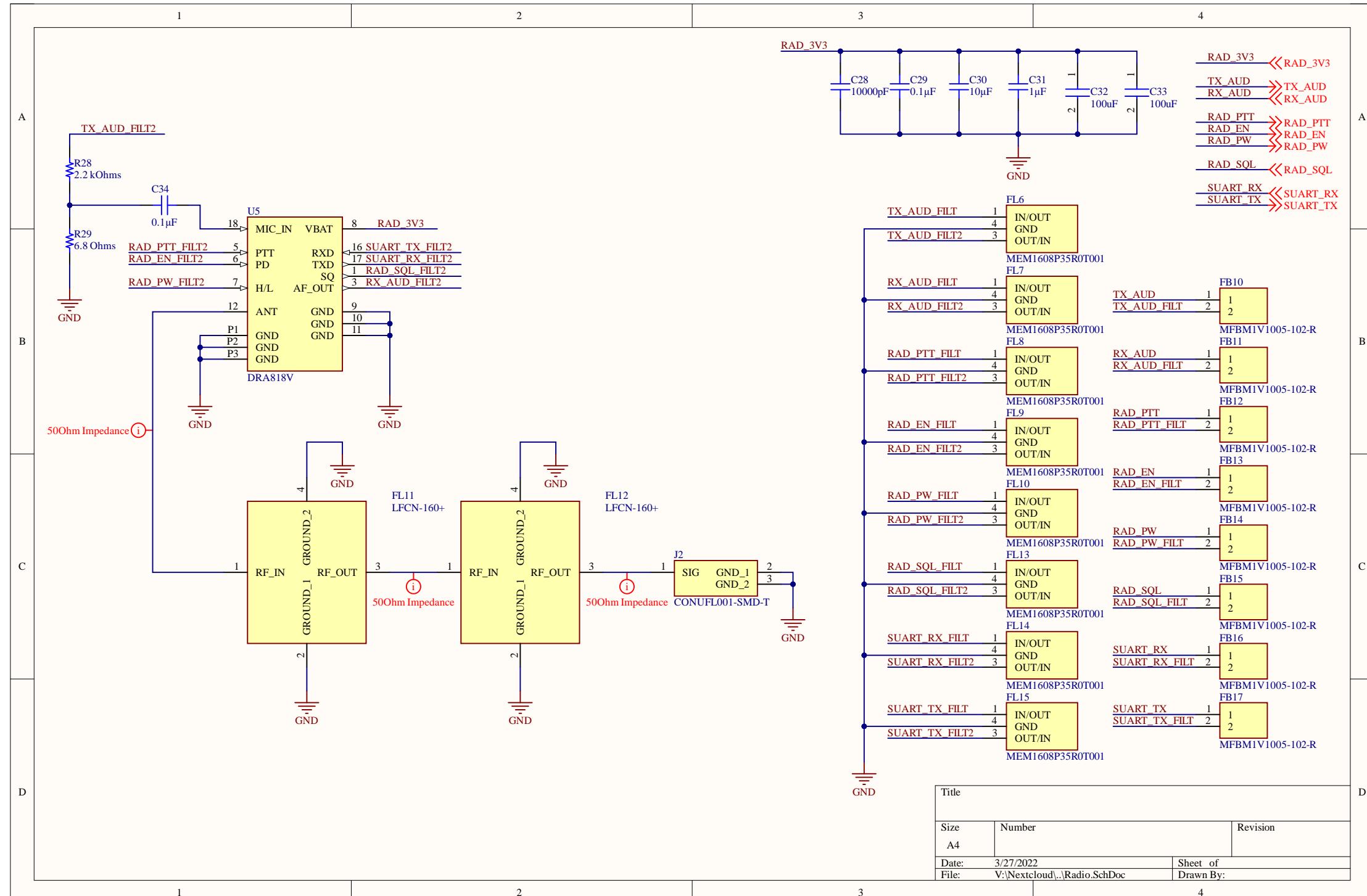
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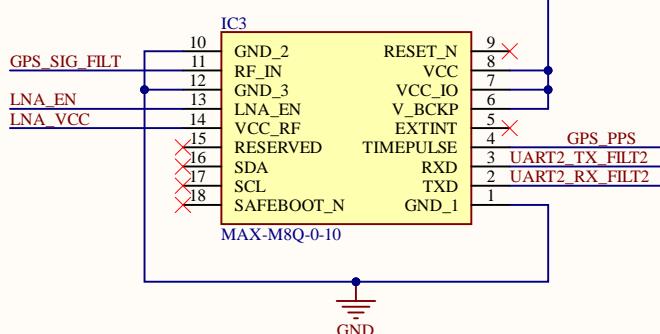
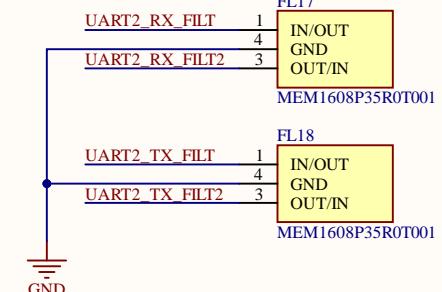
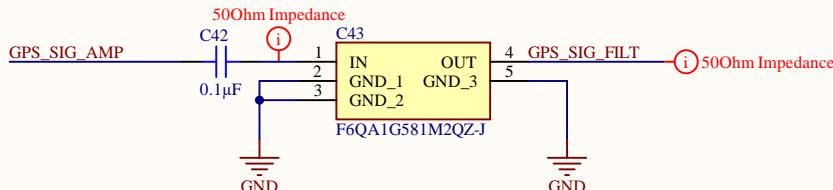
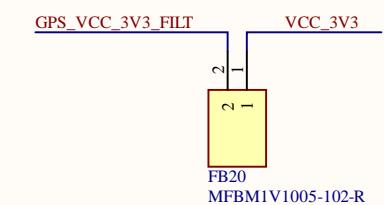
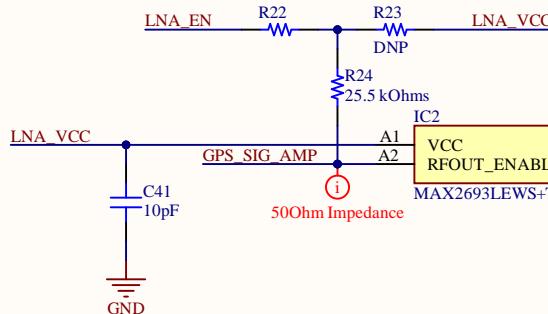
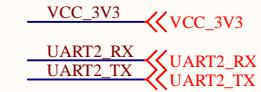
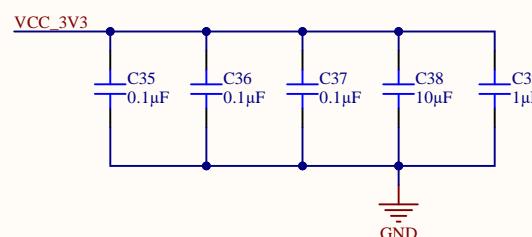
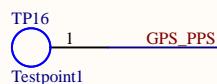
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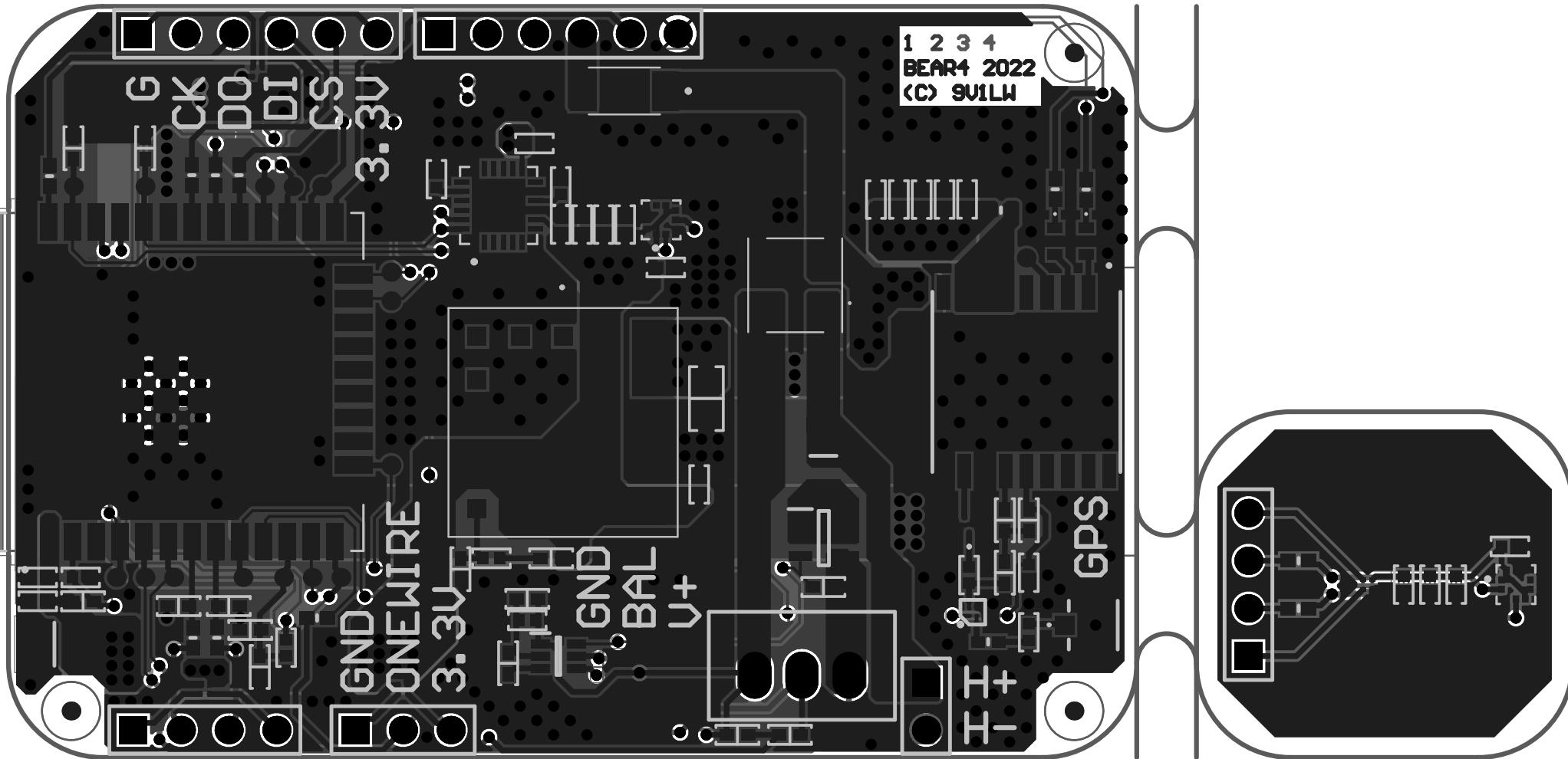


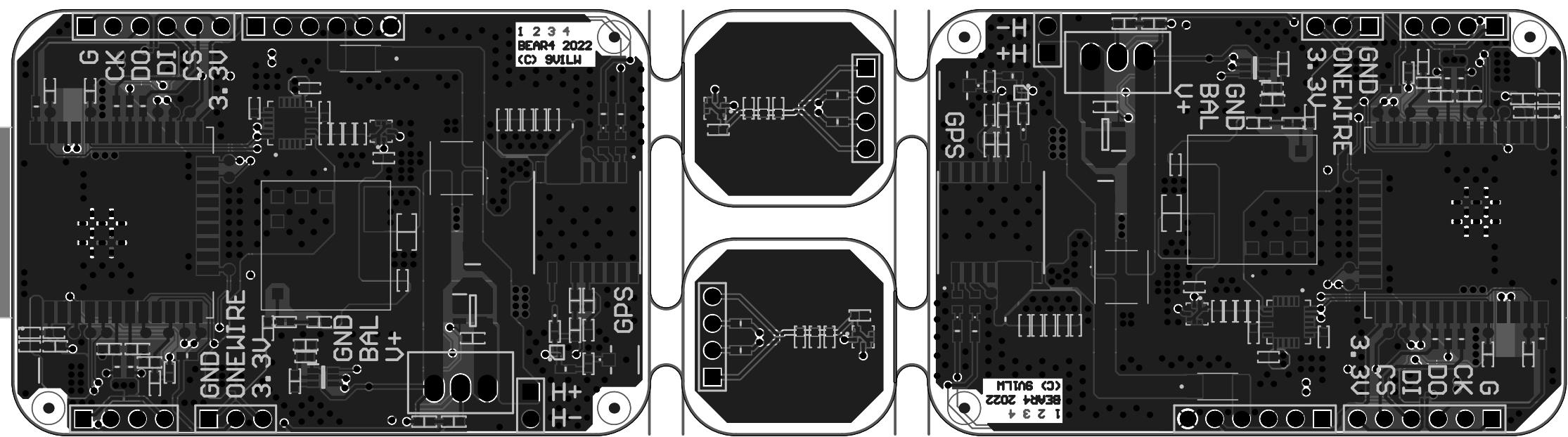
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Date: 3/27/2022	Sheet of	
File: V:\Nextcloud\..\GPS.SchDoc	Drawn By:	

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Comment	Description	Designator	Footprint	LibRef	Quantity
10µF	CAP CER 10UF 6.3V XSR 0402	C1, C11, C14, C16, C18, C30, C38	CAP_0402_1005	C0402C106M9PAC7867	7
1µF	CAP CER 1UF 16V XSR 0402	C2, C5, C17, C19, C31, C39	CAP_0402_1005	0402YD10SKAT2A	6
100uF	Capacitor	C3, C32, C33	CAPC3225X270N	GRM32EC70J107ME15L	3
0.1µF	CAP CER 0.1UF 6.3V XSR 0402	C4, C6, C7, C9, C21, C22, C24, C25, C26, C27, C29, C34, C35, C36, C37, C40, C42	CAP_0402_1005	C0402C104K9PACTU	17
0.47µF	CAP CER 0.47UF 25V XSR 0402	C8	CAP_0402_1005	C1005X5R1E474K050BE	1
22µF	CAP CER 22uF 16V X6S 0805	C10, C13	CAP_0805_2012	C2012X6S1C226M125AC	2
0.018µF	CAP CER 0.018uF 25V X7R 0402	C12, C15	CAP_0402_1005	CC0402KRX7R8BB183	2
10000pF	CAP CER 10000PF 50V X7R 0402	C20, C28	CAP_0402_1005	0402B103K500CT	2
2200pF	CAP CER 2200PF 50V X7R 0402	C23	CAP_0402_1005	0402B222K500CT	1
10pF	CAP CER 10PF 50V COG/NPO 0402	C41	CAP_0402_1005	0402N100G500CT	1
F6Q1G581M2QZ-J	Capacitor	C43	F6Q1G581M2QZ-J	F6Q1G581M2QZ-J	1
PMEG3050EP115	Schottky Diode	D1	PMEG3050EP115	PMEG3050EP115	1
MF-NSML350_12-2	Fuse	F1	FUSC3216X140N	MF-NSML350_12-2	1
MFBM1V1005-102-R	Ferrite Bead	FB1, FB2, FB3, FB4, FB5, FB6, FB7, FB8, FB9, FB10, FB11, FB12, FB13, FB14, FB15, FB16, FB17, FB18, FB19, FB20	BEADC1005X65N	MFBM1V1005-102-R	20
TCM0605M-650-2P-T201	Filter	FL1, FL2, FL3, FL5	TCM0605M	TCM0605M-650-2P-T201	4
DLW5ATN112M02L	Filter	FL4	DLW5BSN302S02L	DLW5ATN112M02L	1
MEM1608P35R0T001	Filter	FL6, FL7, FL8, FL9, FL10, FL13, FL14, FL15, FL17, FL18	MEM1608P35R0T001	MEM1608P35R0T001	10
LFCN-160+	Filter	FL11, FL12	LFCN160	LFCN-160+	2
B0296106DSGT	Integrated Circuit	IC1	SON50P200X200X80-9N	BO296106DSGT	1
MAX2693LEWS+T	Integrated Circuit	IC2	BGA4C40P2X2_84X84X69	MAX2693LEWS+T	1
MAX-M8Q-0-10	Integrated Circuit	IC3	MAX-M8	MAX-M8Q-0-10	1
CONN HEADER VERT B3B-XH-A(LF)(SN)	CONN HEADER VERT	J1	JST_XH_B3B-XH-A	B3B-XH-A(LF)(SN)	1
3POS 2.5MM					
CONUFL001-SMD-T	Connector	J2, J3	CONUFL001-SMD	CONUFL001-SMD-T	2
12nH	Inductor	L1	INDC1005X55N	7447840112G	1
Header 6	Header, 6-Pin	P1, P4	HDR1X6	Header 6	2
Header 3	Header, 3-Pin	P2	HDR1X3	Header 3	1
Header 4	Header, 4-Pin	P3, P6	HDR1X4	Header 4	2
Header 2	Header, 2-Pin	P5	HDR1X2	Header 2	1
APXS003AOX-SRZ	Power Supply	PS1, PS2	APTH003AOXSRZ	APXS003AOX-SRZ	2
PMN30XPAX	MOSFET (P-Channel)	Q1	SOT95P275X10-6N	PMN30XPAX	1
PMGD290UCEAX	Transistor	Q2	SOT65P210X10-6N	PMGD290UCEAX	1
PMV37ENEAR	MOSFET (N-Channel)	Q3	SOT95P230X10-3N	PMV37ENEAR	1
4.7 kOhms	RES SMD 4.7K OHM 5% 1/16W 0402	R1, R2, R5, R16, R19, R25, R26	RES_0402_1005	CRCW04024K70JNEDC	7
100 kOhms	RES SMD 100 OHM 1% 1/16W 0402	R3, R4	RES_0402_1005	AC0402FR-07100KL	2
100 Ohms	RES SMD 100 OHM 1% 1/16W 0402	R6, R15, R21	RES_0402_1005	CRG0402F100R	3
1 kOhms	RES SMD 1K OHM 1% 1/16W 0402	R7, R10, R11	RES_0402_1005	CRCW04021K00FKEDC	3
10 kOhms	RES SMD 10K OHM 0.1% 1/16W 0402	R8, R12, R14, R17, R18, R27	RES_0402_1005	CPF0402B10KE1	6
6.8 Ohms	RES SMD 6.8 OHM 5% 1/10W 0402	R9, R29	RES_0402_1005	ERJ-2GEJ6R8X	2
2.2 kOhms	RES SMD 2.2K OHM 0.1% 1/16W 0402	R13, R20, R28	RES_0402_1005	CPF0402B2K2E1	3
=Value	RES SMD 0 OHM JUMPER 1/16W 0402	R22, R23	RES_0402_1005	CRCW04020000Z0ED	2
25.5 kOhms	RES SMD 25.5K OHM 1% 1/16W 0402	R24	RES_0402_1005	AC0402FR-0725K5L	1
ESP32-WROOM-32D	Bluetooth, WiFi 802.11b/g/n, Bluetooth v4.2 + EDR, Class 1, 2 and 3 Transceiver Module 2.4GHz - 2.5GHz Integrated, Trace Surface Mount	U1	MODULE_ESP32-WROOM-32D	ESP32-WROOM-32D	1
MPU-6050	Accelerometer, Gyroscope, 6 Axis Sensor I²C Output	U2	QFN50P400X400X95-24N	MPU-6050	1
BMP388	Pressure Sensor 4.35PSI - 18.13PSI -30kPa - 125kPa Absolute 10-WFLGA	U3, U4	POFN50P200X200X80-10N	BMP388	2
DRA818V	VHF Band Voice Transceiver Module	U5	DORJI_DRA818V	DRA818V	1