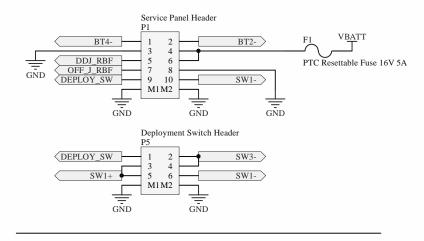
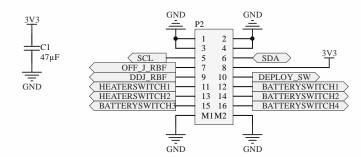


3 4

Service Panel/Deployment Header



Data Header



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Battery Clamp VBATT Solder Pad GND Solder Pad VBATT 3 6

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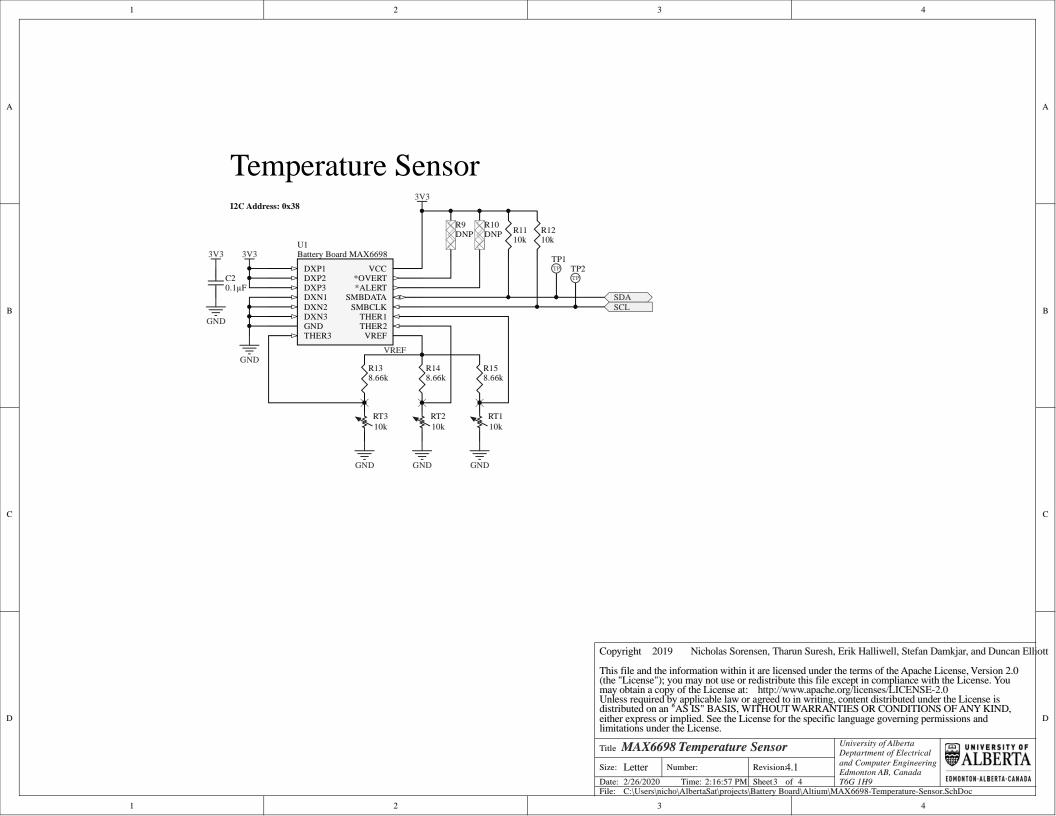
Battery Clamp

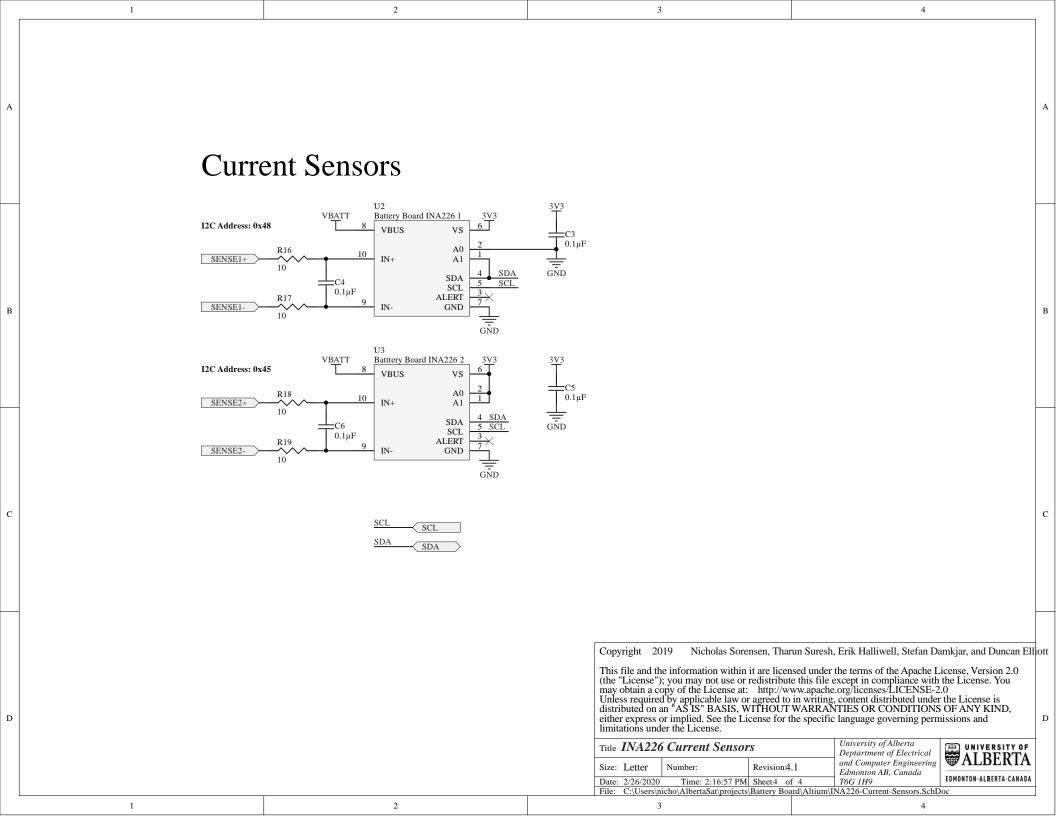
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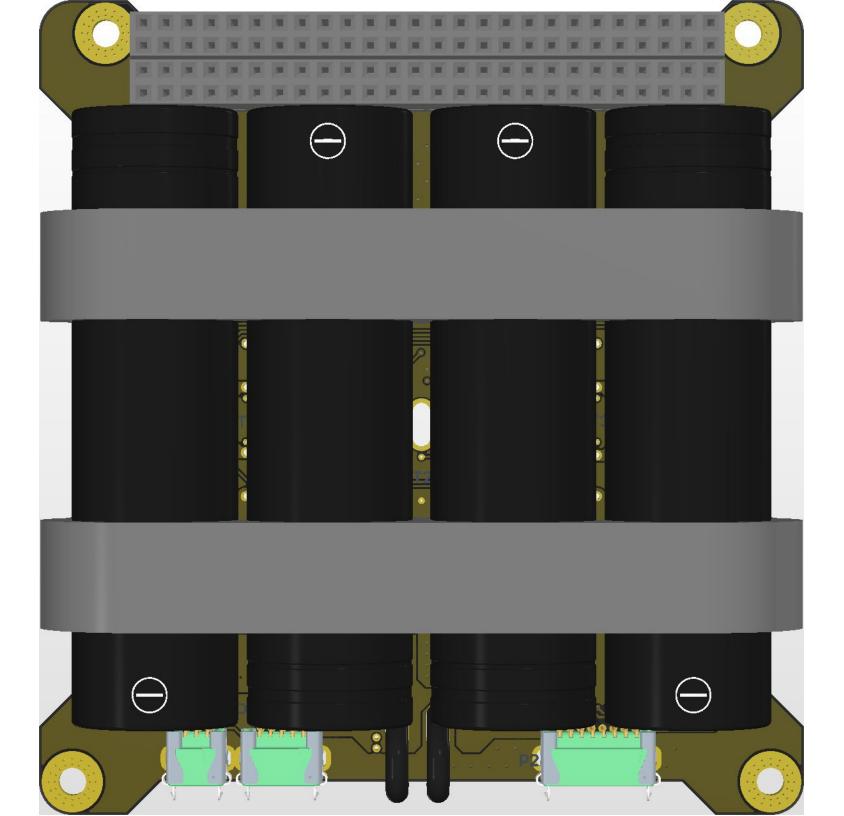
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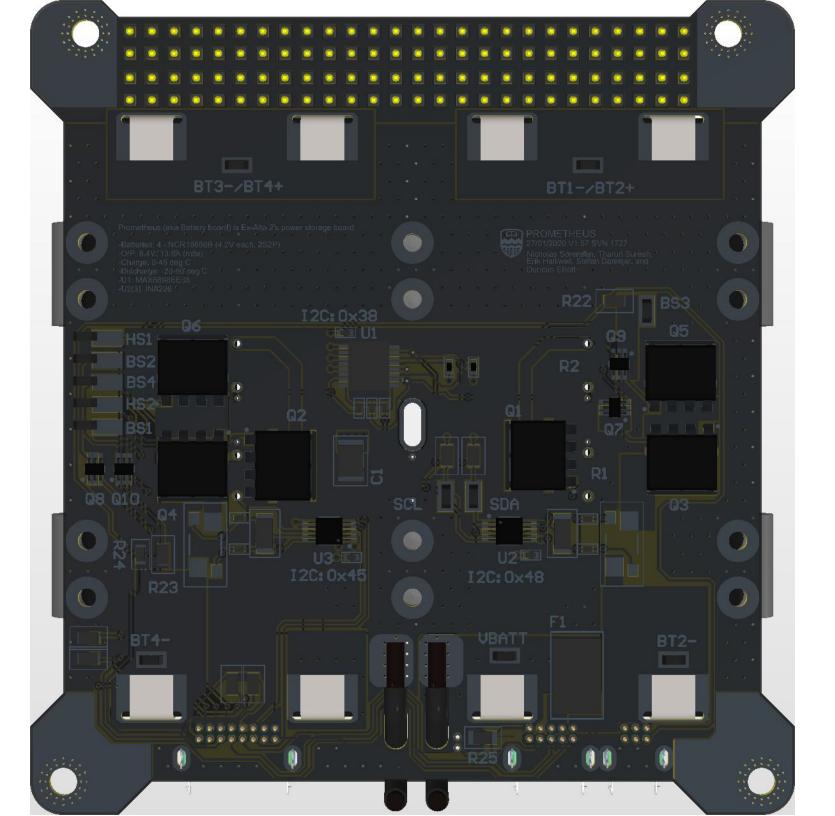
4

**ALBERTA EDMONTON-ALBERTA-CANADA









Comment	Description	Designator	Footprint	LibRef	Quantity
NCR18650PF	18650 Battery-Panas	BT1, BT2, BT3, BT4	ORB-PROTECTED186	PBT-ORB-00001	4
Сар	CAP CER 47UF 6.3V X	C1	TDK-CGA6P	PC-TDK-02951	1
Сар	CAP CER 0.1UF 50V X	C2, C3, C5	TDK-CGA2B	PC-TDK-02262	3
Сар	CAP CER 0.1UF 50V N	C4, C6	TDK-CGA5L	PC-TDK-02295	2
PTC Resettable Fuse	PTC RESET FUSE 16V	F1	2920L500/16	PF-LTF-00001	1
SSW-126-23-G-D		H1, H2	SSW-126-23-G-D	PP-SAM-00002	2
VBATT Solder Pad		J1	VBATT-wire-pad	Pad I/O	1
GND Solder Pad		J2	GND-WIRE-PAD	Pad I/O	1
PCB Mounting Hole		J3, J4, J5, J6	PCB MOUNTING HOL	PCB Mounting Hole	4
G125-MH11005L1	CONN HEADER R/A 1	P1	HWN-G125-MH1100	PP-HWN-00015	1
G125-MH11605L1	CONN HEADER R/A 1	P2	HWN-G125-MH1160	PP-HWN-00017	1
Battery Clamp		P3, P4	Battery Clamp	Battery Clamp	2
G125-MH10605L1	CONN HEADER R/A 6	P5	HWN-G125-MH1060	PP-HWN-00014	1
SIJH440E	NMOS-2	Q1, Q2, Q3, Q4, Q5,	VSH-POWERPAK8X8I	PQ-VSH-00270	6
SQ1470	MOSFET N-CH 30V 2.	Q7, Q8, Q9, Q10	VSH-SQ1470AEH	PQ-VSH-00227	4
Res3	21 Ohms ±1% 1W Th	R1, R2, R3, R4	VSH-CPF1	PR-VSH-00269	4
Res Sense	RES SMD 0.005 OHM	R5, R6	VSH-2512R4B	PR-VSH-00234	2
Res3	RES SMD 100K OHM	R7, R8, R11, R12, R20	PANA-ERJ6EN	18749, 17208	8
Res3	RES SMD 8.66KOHM	R13, R14, R15, R16, F	PANA-ERA2A	17098, 13235	7
Res3	RES SMD 10M OHM	R24	VSH-0603MCT	PR-VSH-00224	1
Res3	RES SMD 100 OHM 1	R25	VSH-0805MCU	PR-VSH-00029	1
Res Adj1	NTC THERMISTOR 10	RT1, RT2, RT3	VSH-1M1002	PRT-VSH-00266	3
5017	PC TEST POINT MINI	TP1, TP2, TP3, TP4, T	KS-5017	PTP-KS-00001	13
Battery Board MAX6	SENSOR TEMPERATU	U1	MAX-21-0055H-16	PU-MAX-00004	1
Battery Board INA22	IC MONITOR PWR/C	U2	TI-DGS	19	1
Batttery Board INA22	IC MONITOR PWR/C	U3	TI-DGS	19	1

