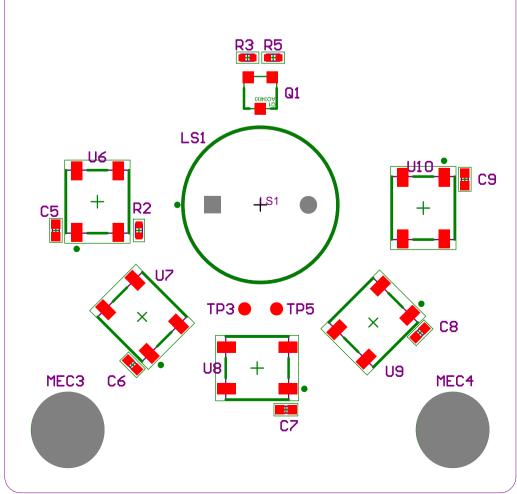
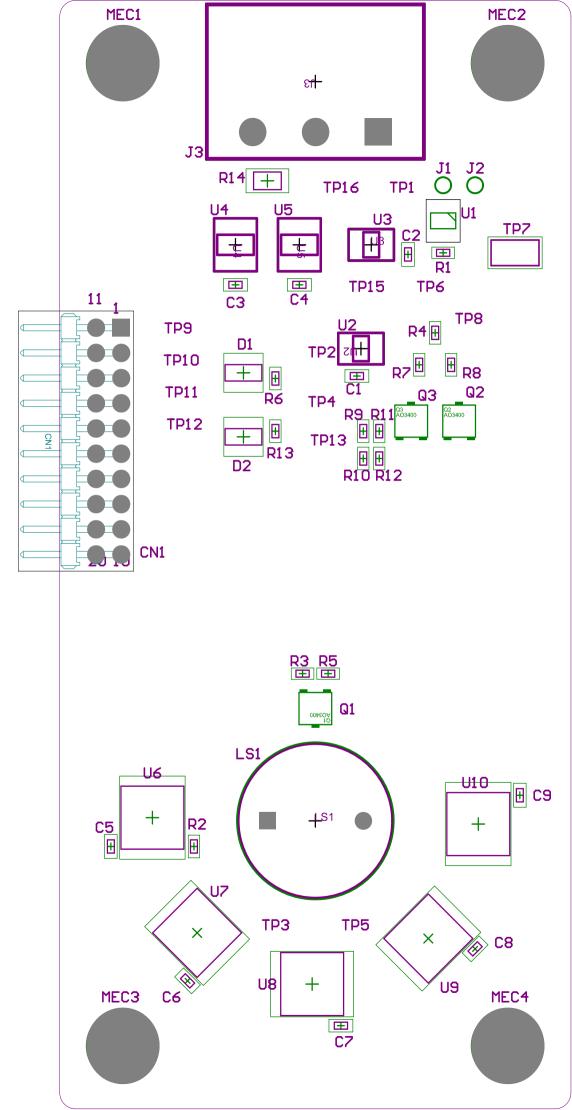


Extension PCB

V1.0 | 02.11.23 | Joel Schaller





Designator	Comment	Value	Description	Quantity
C1, C2, C3, C4, C5, C6, C7, C8, C9	C0402	100n	CERCAP 100n 16V 5% X7R 0402	9
CN1	Header 10x2 STMod+	Header 10x2 STMod+	Header 10x2, 2mm, RA, TH, Height 3.20mm/3.50mm,BF060-20A- B-0200-0280-0305-L-D	1
D1, D2	MMBZ5227BLT1G		Zener Voltage Regulator, 225 mW, 3-Pin SOT-23, Pb-Free, Tape and Reel	2
J3	1757488		TERM BLOCK HDR 3POS 90DEG 5MM	1
LS1	AI-1223-TWT-3V-2-R		BUZZER MAGNETIC 3V 12MM TH	1
Q1, Q2, Q3	AO3400		N-channel Enhancement Mode Field-Effect Transistor; 5.8A/30V	3
R1	R0402	620R	RES 620R 62.5mW 1% 0402	1
R2	R0402	220R	RES 220R 62.5mW 1% 0402	1
R3, R9, R10	R0402	1K	RES 1K 62.5mW 1% 0402	3
R4	R0402	4M7	RES 4M7 62.5mW 1% 0402	1
R5, R11, R12	R0402	10K	RES 10K 62.5mW 1% 0402	3
R6, R13	R0402	100R	RES 100R 62.5mW 1% 0402	2
R7	R0402	10M	RES 10M 62.5mW 1% 0402	1
R8	R0402	2M2	RES 2M2 62.5mW 1% 0402	1
R14	R0805	50m	RES 0R05 125mW 1% 0805	1
TP7	Keystone		TP SMD 3.81x 2.03mm	1
U1	PSSI2021SAY,115		NEXPERIA - PSSI2021SAY,115 - IC, CURRENT SOURCE, 50MA, 75V,SOT353	1
U2	LM321LVIDCKR		IC OPAMP GP 1 CIRCUIT SC70-5	1
U3	TMUX1248DCKR		3- LOW RON, 5-V, 2:1 (SPDT) GENE	1
U4	INA180A4IDBVR	200V/V	Operational Amplifier, 1 Func, 500uV Offset-Max, PDSO5	1
U5	INA180A2IDBVR	50V/V	Operational Amplifier, 1 Func, 500uV Offset-Max, PDSO5	1
U6, U7, U8, U9, U10	WS2812B		Intelligent Control LED Integrated Light Source, 3.5 to 5.3 V, -25 to 80 degC, 4-Pin SMD, RoHS, Bulk	5