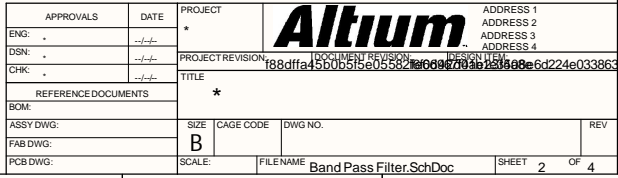
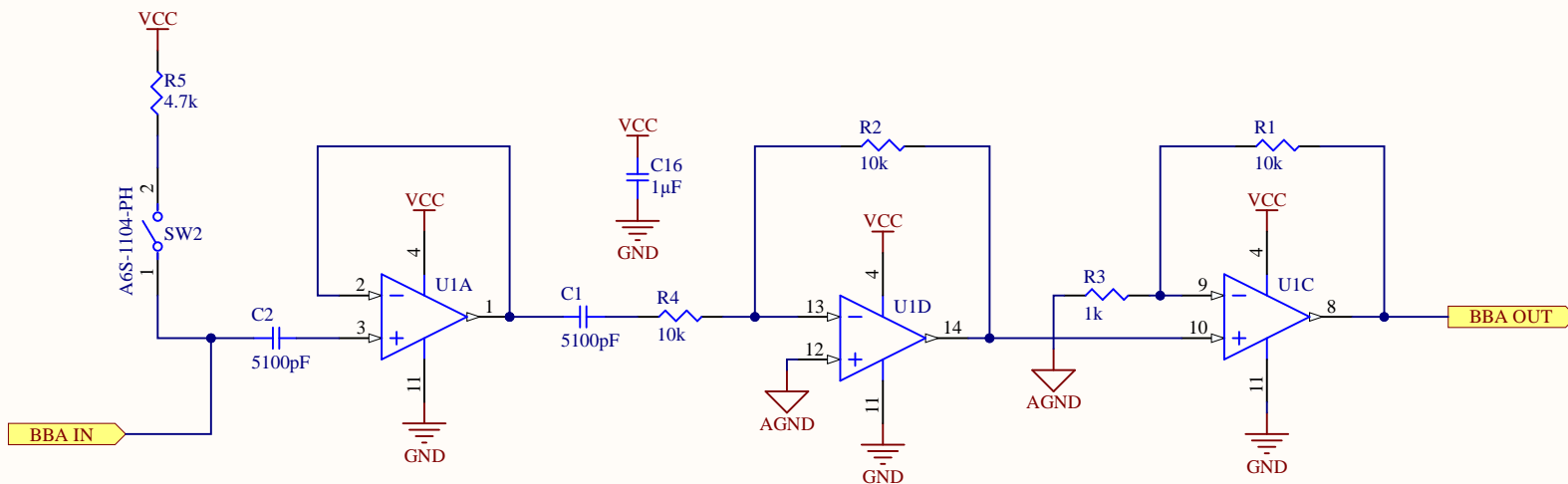
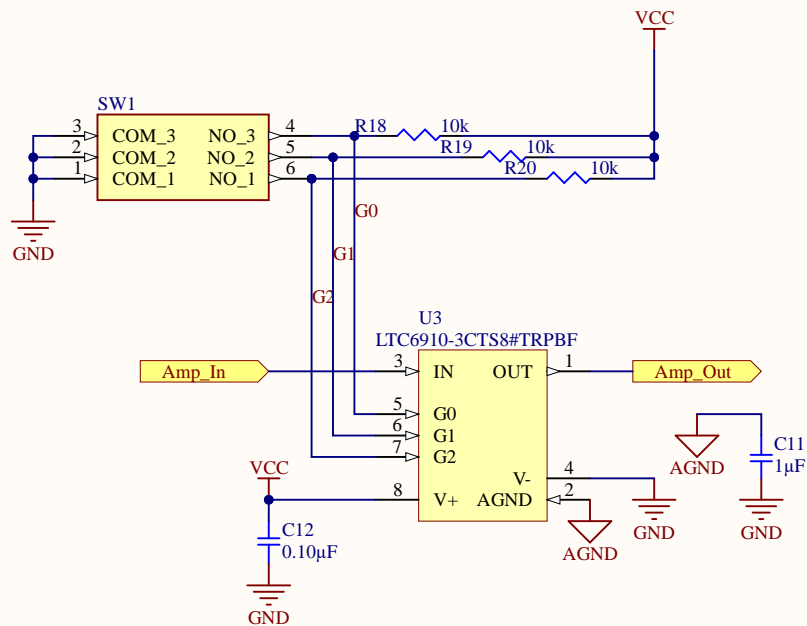


DWG. NO.	REV	2	2	1
REVISION		DESCRIPTION		DATE



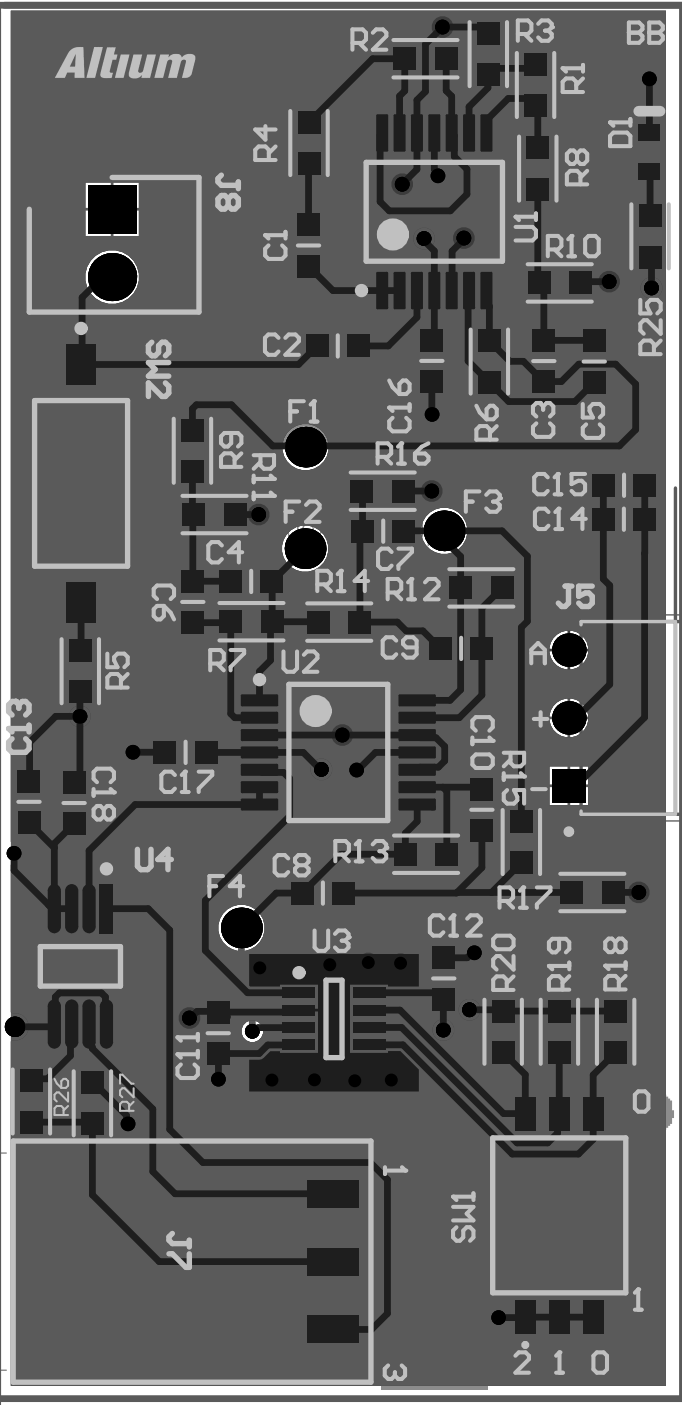
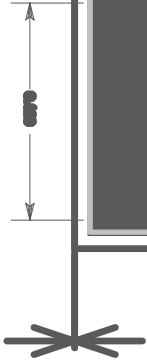


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Date:	2/14/2023	Sheet of
File:	D:\AquaPack\..\BufferBiasAmp.SchDoc	Drawn By:



Title		
Size	Number	Revision
A		
Date:	2/14/2023	Sheet of
File:	D:\AquaPack\..\OutputAmplifier.SchDoc	Drawn By:

0.00



PCB Edge

0.00



Comment	Description	Designator	Footprint	LibRef	Quantity
5100pF	CAP CER 5100PF 50V U2J 0603	C1, C2	SMD-0603C	GRM1887U1H512JA01 D	2
1000pF	CAP CER 1000PF 50V X7R 0603	C3, C4, C5, C6, C7, C8, C9, C10	SMD-0603C	GCJ188R71H102KA01 D	8
1µF	CAP CER 1UF 16V X7R 0603, CAP CER 1UF 6.3V X6S 0603	C11, C13, C14, C15, C16, C17	SMD-0603C	GCM188R71C105KA64 D, GRM185C80J105KE26 D	6
0.10µF	CAP CER 0.1UF 16V X7R 0603	C12	SMD-0603C	GCJ188R71C104KA01 D	1
2.2µF	CAP CER 2.2UF 6.3V X7R 0603	C18	SMD-0603C	GCM188R70J225KE22 D	1
TLMS1100-GS08	LED, RED, 2.1 V, -40 to 100 degC, 2-Pin SMD (0603), RoHS, Tape and Reel	D1	VISH-TLWX1100_V	CMP-1666-00027-1	1
87233-3		J5	TE_87233-3	87233-3	1
SAMTEC-SMH-103-02-X-S		J7	SAMTEC-SMH-103-02-X-S	SAMTEC-SMH-103-02-X-S	1
171856-0002	Connector	J8	SHDR2W99POX254_1X2_493X635X818P	171856-0002	1
10k	RES SMD 10K OHM 1% 1/10W 0603	R1, R2, R4, R18, R19, R20	SMD-0603-RES	ERJ-3EKF1002V	6
1k	RES SMD 1K OHM 1% 1/10W 0603	R3, R27	SMD-0603-RES	ERJ-3EKF1001V	2
4.7k	RES SMD 4.7K OHM 1% 1/10W 0603	R5	SMD-0603-RES	ERJ-3EKF4701V	1
54.9k	RES SMD 54.9K OHM 1% 1/10W 0603	R6	SMD-0603-RES	ERJ-3EKF5492V	1
41.2k	RES SMD 41.2K OHM 1% 1/10W 0603	R7	SMD-0603-RES	ERJ-3EKF4122V	1
17.4k	RES SMD 17.4K OHM 1% 1/10W 0603	R8	SMD-0603-RES	ERJ-3EKF1742V	1
13k	RES SMD 13K OHM 1% 1/10W 0603	R9	SMD-0603-RES	ERJ-3EKF1302V	1
698	RES SMD 698 OHM 1% 1/10W 0603	R10	SMD-0603-RES	ERJ-3EKF6980V	1
536	RES SMD 536 OHM 1% 1/10W 0603	R11	SMD-0603-RES	ERJ-3EKF5360V	1
165k	RES SMD 165K OHM 1% 1/10W 0603	R12	SMD-0603-RES	ERJ-3EKF1653V	1
86.6k	RES SMD 86.6K OHM 1% 1/10W 0603	R13	SMD-0603-RES	ERJ-3EKF8662V	1
11k	RES SMD 11K OHM 1% 1/10W 0603	R14	SMD-0603-RES	ERJ-3EKF1102V	1
5.76k	RES SMD 5.76K OHM 1% 1/10W 0603	R15	SMD-0603-RES	ERJ-3EKF5761V	1
332	RES SMD 332 OHM 1% 1/10W 0603	R16	SMD-0603-RES	ERJ-3EKF3320V	1
174	RES SMD 174 OHM 1% 1/10W 0603	R17	SMD-0603-RES	ERJ-3EKF1740V	1
300	RES SMD 300 OHM 1% 1/10W 0603	R25	SMD-0603-RES	ERJ-3EKF3000V	1
750	RES SMD 750 OHM 1% 1/10W 0603	R26	SMD-0603-RES	ERJ-3EKF7500V	1
416131160803	Switch	SW1	416131160803	416131160803	1
Switch_Omron_A6S-1104-PH_eec	SWITCH SLIDE DIP SPST 25MA 24V	SW2	Omron_A6S-1104-PH_0	Switch_Omron_A6S-1104-PH_eec	1
OPA1604AIPWR	Sound Plus High-Performance, Bipolar Input Audio Operational Amplifier, 4.5 to 36 V, -40 to 85 degC, 14-pin SOP (PW14), Green (RoHS & no Sb/Br)	U1, U2	PW0014A_N	CMP-0272-01731-3	2
LTC6910-3CTS8#TRPBF		U3	LT-TS8-8-TSOT-23_V	CMP-0359-03721-2	1
LTC1197LIMS8#PBF	IC ADC 10BIT SAR 8MSOP	U4	FP-MS8-8-05-08-1660-IPC_A	CMP-09081-000582-1	1