

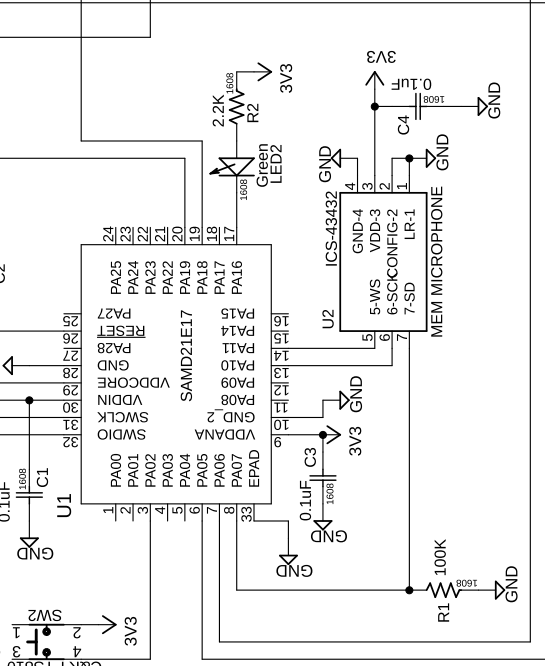
BILL OF MATERIALS:

- 1ea. U1 Microchip Tech. ATSAM21E17A-MUT MCU 32BIT 128KB FLASH 32QFN
- 1ea. U2 InvenSense ICS-43432 MIC MEMS DIGITAL I2S OMNI -26DB
- 1ea. U3 Microchip Tech. TC1015-3.3VCT713 IC REG LINEAR 3.3V 100MA SOT23-5
- 1ea. U4 Maxim Integrated MAX98306ETD+T IC AMP CLASS D STER 3.7W 14TDFN
- 2ea. LED1,LED2 C&K PTS810 SJK 250 SMT RFS LED GREEN 0603
- 1ea. J1 Amphenol FCI SJ-43516-SMT-TR CONN USB MICRO B RECP T SMT R/A
- 1ea. J2 CUI Inc. 10118192-0001LF CONN JACK 4COND 3.5MM SMD R/A
- 1ea. C1 SMD Capacitor Ceramic 10uF 0603
- 1ea. C2 SMD Capacitor Ceramic 2.2uF 0603
- 1ea. C3 SMD Capacitor Ceramic 1uF 0603
- 4ea. C1,C3,C4,C9 SMD Capacitor Ceramic 0.1uF 0603
- 1ea. C5 SMD Capacitor Ceramic 1000pF (1nF) 5% 0603
- 1ea. R1 SMD Resistor 100K Ohm 0603
- 2ea. R3,R4 SMD Resistor 10K Ohm 0603
- 2ea. R5,R6 SMD Resistor 8.2K Ohm 0603
- 1ea. R2 SMD Resistor 2.2K Ohm 0603

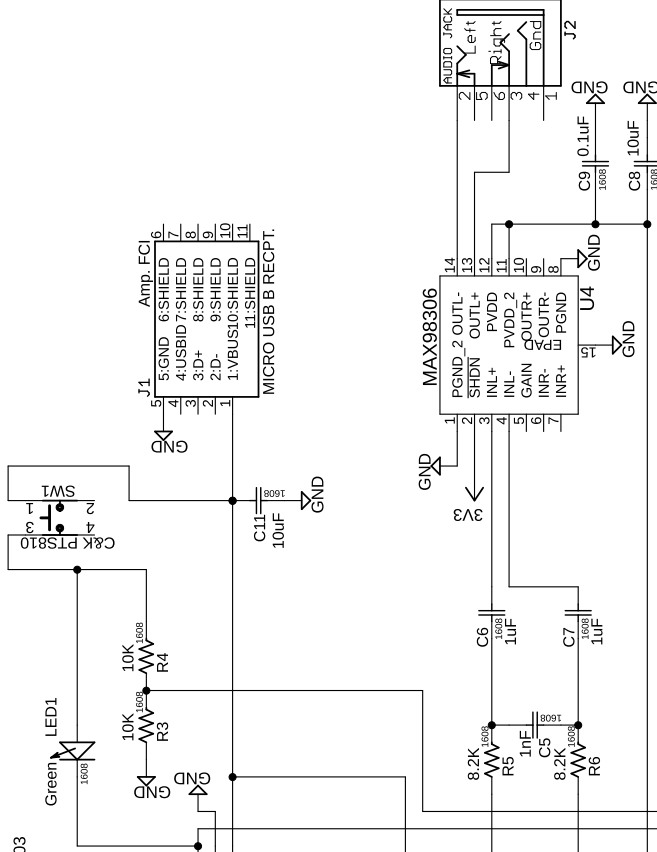
NOTE: Connect 5 Volt USB power to J1 and press down "Volume Up" button when programming microcontroller to provide power to Atmel Ice module.

SERIAL WIRE DEBUG RECEPTORS:

VOLUME DOWN:



VOLUME UP:



BONE CONDUCTION PERSONAL SOUND AMPLIFIER

TITLE: HA_BC_02

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