



BILL OF MATERIALS:

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|------|------------|-----------------|----------------------------------|----------------------------------|
| 1ea. | U1 | Microchip Tech. | ATSAMD21E17A-MUT | MCU 32BIT 128KB FLASH 320FN |
| 1ea. | U2 | InvenSense | ICS-43432 | MC MEMS DIGITAL I2S OMNI -26DB |
| 1ea. | U3 | Microchip Tech. | T1015-3.3VCT7T13 | IC REG LINEAR 3.3V 100MA SOT23-5 |
| 1ea. | U4 | Microchip Tech. | MCP73832T-2ACI/OT | IC LHONLI-POLY CTRLR SOT23-5 |
| 1ea. | D1 | ON Semi. | BA516HT1G REG. | DIODE GEN PURP SOD323 |
| 1ea. | LED1 | Life-On Inc. | LTST-C191KXKRT | LED RED 0603 |
| 1ea. | LED2 | Life-On Inc. | LTST-C191JXKGT | LED GREEN 0603 |
| 2ea. | SW1 | SW2 | C&K | SPST-NO 0.05A 16V |
| 1ea. | J1 | Amphenol FCI | P1018192-00011F | CONN USB MICRO B RECP T SMT R/A |
| 3ea. | C5, C6, C7 | | SMD Capacitor Ceramic 10uF 0603 | |
| 1ea. | C2 | | SMD Capacitor Ceramic 0.2uF 0603 | |
| 3ea. | C1, C3, C4 | | SMD Capacitor Ceramic 0.1uF 0603 | |
| 1ea. | R1 | | SMD Resistor 100K Ohm 0603 | |
| 1ea. | R3 | | SMD Resistor 47K Ohm 0603 | |
| 2ea. | R4, R5 | | SMD Resistor 10K Ohm 0603 | |
| 2ea. | R2, R6 | | SMD Resistor 2.2K Ohm 0603 | |

BEHIND-THE-EAR (BTE) HEARING AID or PERSONAL SOUND AMPLIFIER

TITLE:	HA BTE 01
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