



Service Manual

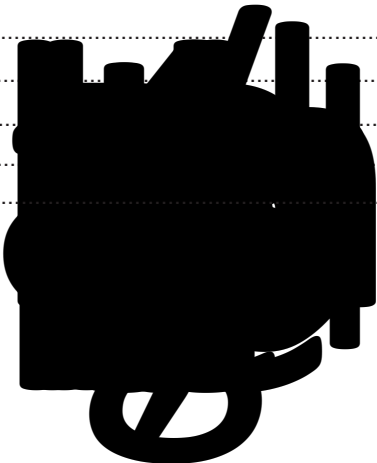
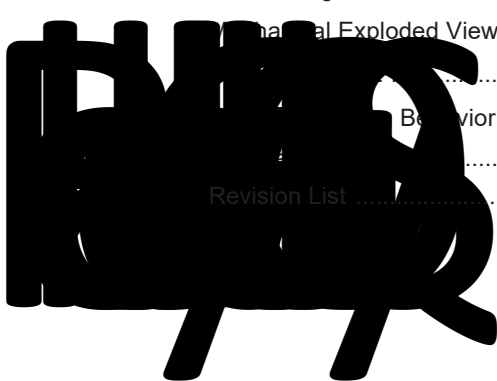
JBL FLIP 6 (S/N Starting from TL) PORTABLE BLUETOOTH SPEAKER

SKU: JBLFLIP6WHT, JBLFLIP6TEAL, JBLFLIP6RED, JBLFLIP6PINK, JBLFLIP6GREY, JBLFLIP6GREN
JBLFLIP6BLU, JBLFLIP6BLK, JBLFLIP6BLKEU, JBLFLIP6WHTCH, JBLFLIP6TEALCH, JBLFLIP6REDCH
JBLFLIP6PINKCH, JBLFLIP6GREYCH, JBLFLIP6GRENCH, JBLFLIP6BLUCH, JBLFLIP6BLKCH,
JBLFLIP6TEALAM, JBLFLIP6REDAM, JBLFLIP6PINKAM, JBLFLIP6GREYAM, JBLFLIP6GRENAM,
JBLFLIP6BLUAM, JBLFLIP6BLKAM, JBLFLIP6WHTAM



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Important Safety Instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket or table specified by the manufacturer or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, or the apparatus has been exposed to rain or moisture, does not operate normally or has been dropped.
15. Do not expose this apparatus to dripping or splashing and ensure that no objects filled with liquids, such as vases, are placed on the apparatus.
16. To completely disconnect this apparatus from the AC Mains, disconnect the power supply cord plug from the AC receptacle.
17. The mains plug of the power supply cord shall remain readily operable.
18. Do not expose batteries to excessive heat such as sunshine, fire or the like.



For Products That Transmit and Receive RF Energy:

FCC Regulations (USA Only)

FCC Information For Users

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference; and (2) this device must accept any interference received, including interference that may cause undesired operation.

Radio and Television Interference

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and then on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Increase the separation between the equipment and receiver.
- Connect the equipment to a different outlet so that the equipment and receiver are on different branch circuits.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE: Changes or modifications not expressly approved by Harman could void the user's authority to operate the equipment.

IC Statement and Warning (Canada Only)

This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

For Canadian Model

This Class B digital apparatus complies with Canadian ICES-003.

Modèle pour les Canadien

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

For Products with Radio Receivers That Can Use an External Antenna:

CATV or Antenna Grounding

If an outside antenna or cable system is connected to this product, be certain that it is grounded so as to provide some protection against voltage surges and static charges. Section 810 of the National Electrical Code, ANSI/NFPA No. 70-1984, provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes and requirements of the grounding electrode.

Note to CATV System Installer:

This reminder is provided to call the CATV (cable TV) system installer's attention to article 820-40 of the NEC, which provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as possible.

For CD/DVD/Blu-ray Disc™ Players:

CLASS 1 LASER PRODUCT
KLASSE 1 LASER PRODUKT
LUOKAN 1 LASER LAITE
KLASS 1 LASER APPARAT
CLASSE 1 PRODUIT LASER

CAUTION

RISK OF ELECTRIC SHOCK. DO NOT OPEN.



THE LIGHTNING FLASH WITH AN ARROWHEAD SYMBOL, WITHIN AN EQUILATERAL TRIANGLE, IS INTENDED TO ALERT THE USER TO THE PRESENCE OF UNINSULATED "DANGEROUS VOLTAGE" WITHIN THE PRODUCT'S ENCLOSURE THAT MAY BE OF SUFFICIENT MAGNITUDE TO CONSTITUTE A RISK OF ELECTRIC SHOCK TO PERSONS.



THE EXCLAMATION POINT WITHIN AN EQUILATERAL TRIANGLE IS INTENDED TO ALERT THE USER TO THE PRESENCE OF IMPORTANT OPERATING AND MAINTENANCE (SERVICING) INSTRUCTIONS IN THE LITERATURE ACCOMPANYING THE PRODUCT.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE.

Caution:

This product uses a laser system. To prevent direct exposure to the laser beam, do not open the cabinet enclosure or defeat any of the safety mechanisms provided for your protection. DO NOT STARE INTO THE LASER BEAM. To ensure proper use of this product, please read the owner's manual carefully and retain it for future use. Should the unit require maintenance or repair, please contact your local Harman Kardon service center. Refer servicing to qualified personnel only.

For Products That Include Batteries:



Instructions for Users on Removal and Disposal of Used Batteries.

CAUTION

Risk of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

Alkaline batteries are considered nonhazardous. Rechargeable batteries (i.e., nickel cadmium, nickel metal-hydride, lithium and lithium-ion) are considered hazardous household materials and may pose an unnecessary health and safety risk.

In the European Union and other locations, it is illegal to dispose of any battery with household trash. All batteries must be disposed of in an environmentally sound manner. Contact your local waste management officials for information regarding the environmentally sound collection, recycling and disposal of used batteries.

To remove the batteries from your equipment or remote control, reverse the procedure described for inserting batteries in the owner's manual.

For products with a built-in battery that lasts for the lifetime of the product, removal may not be possible for the user. In this case, recycling or recovery centers handle the dismantling of the product and the removal of the battery. If, for any reason, it becomes necessary to replace such a battery, this procedure must be performed by authorized service centers.

ELECTROSTATICALLY SENSITIVE(ES) DEVICES

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field effect transistors and semiconductor "chip" components.

The following techniques should be used to help reduce the incidence of component damage caused by static electricity.

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any electrostatic charge on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging wrist strap device, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge build-up or exposure of the assembly.
3. Use only a grounded-tip soldering iron to solder or unsolder ES devices.
4. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static" can generate electrical charges sufficient to damage ES devices.
5. Do not use freon-propelled chemicals. These can generate electrical change sufficient to damage ES devices.
6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, aluminum foil or comparable conductive material.)
7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.

CAUTION : Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.

8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise harmless motion such as the brushing together or your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity sufficient to damage an ES devices.

POODUCT SAFETY NOTICE

Each precaution in this manual should be followed during servicing.

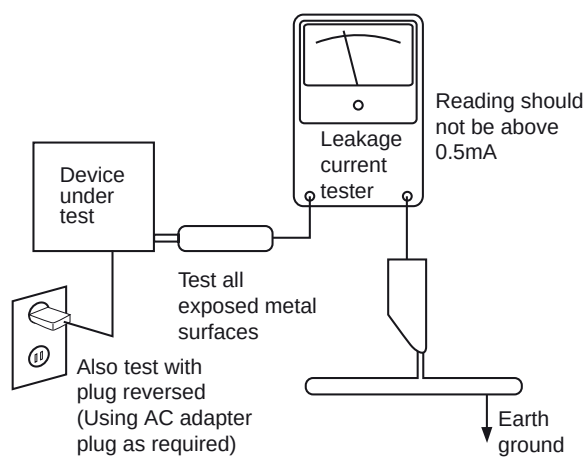
Components identified with the IEC symbol  in the parts list are special significance to safety. When replacing a component identified with , use only the replacement parts designated, or parts with the same ratings or resistance, wattage, or voltage that are designated in the parts list in this manual. Leakage-current or resistance measurements must be made to determine that exposed parts are acceptably insulated from the supply circuit before returning the product to the customer.

SAFETY PRECAUTIONS

The following check should be performed for the continued protection of the customer and service technician.

LEAKAGE CURRENT CHECK

Measure leakage current to a known earth ground (water pipe, conduit, etc.) by connecting a leakage current tester between the earth ground and all exposed metal parts of the appliance (input/output terminals, screwheads, metal overlays, control shaft, etc.). Plug the AC line cord of the appliance directly into a 120V AC 60Hz outlet and turn the AC power switch on. Any current measured must not exceed 0.5mA.



AC Leakage Test

ANY MEASUREMENTS NOT WITHIN THE LIMITS OUTLINED ABOVE ARE INDICATIVE OF A POTENTIAL SHOCK HAZARD AND MUST BE CORRECTED BEFORE RETURNING THE APPLIANCE TO THE CUSTOMER.

**What's in the box:**

Speaker
USB cable
Quick start guide
Warranty card
Safety sheet

Features and Benefits:

12 hours of playtime
IP67 Waterproof & dustproof

Technical Specification:

- Transducer: 45x80mm woofer, 16mm tweeter
- Rated output power: 20 W RMS for woofer, 10 W RMS for tweeter
- Frequency response: 20Hz to 19KHz +/- 1dB
- Signal-to-noise ratio: > 80 dB
- Battery type: Li-ion polymer 17.28 Wh (equivalent to 3.6 V / 4800 mAh)
- Battery charge time: 2.5 hours (5 V / 3 A)
- Music play time: up to 12 hours (dependent on volume level and audio content)
- USB port: Type C
- Bluetooth® version: 5.1
- Bluetooth® profile: A2DP 1.3, AVRCP 1.6
- Bluetooth® transmitter frequency range: 2400 MHz - 2483.5 MHz
- Bluetooth® transmitter power: ≤ 10 dBm (EIRP)
- 2.4GHz SRD frequency range: 2407 MHz - 2475 MHz
- SRD transmitter power: < 10 dBm
- Product dimensions (W x H x D): 178 x 68 x 72 mm / 7.0 x 2.6 x 2.8"
- Net weight: 0.55 kg / 1.21 lbs
- Packaging dimensions (W x H x D): 216 x 106 x 99 mm / 8.5 x 4.2 x 3.9"
- Gross weight: 0.92 kg / 2.05 lbs



Software Upgrade Instruction& Reset Procedure

1.Restore factory setting

- 1) Hold down <Play>, <Volume +>for 5 seconds.
- 2) Then, hear the sound of a power off, Sound turned off.
- 3) After factory settings restored, press <Power>, restore factory to complete.

2.Check software version

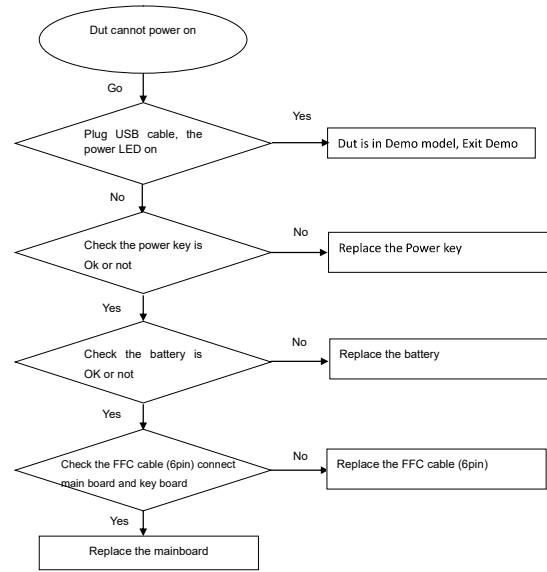
- 1) Hold down <Link>, <Volume ->for 5 seconds.
- 2) Speaker automatically announces the current software version number.

3.Software Upgrade

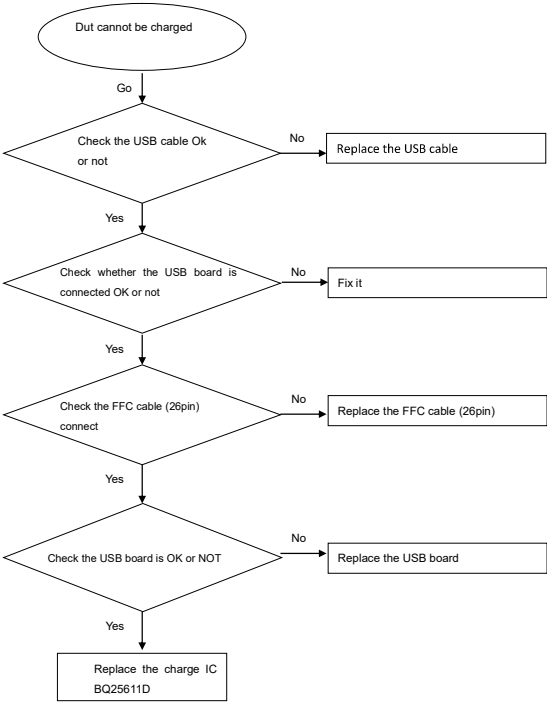
- 1) Power off state, press< Volume +>, <BT>, then press<Power>for 3 seconds.
- 2) Saw the <Power> light flashing, Plug in a USB cable to connect computer.
- 3) Open the upgrade software“MPFlashTool3.0”, select the correct serial com, select “Run”.
- 4) After the upgrade is completed, the system restarts.

Trouble Shooting

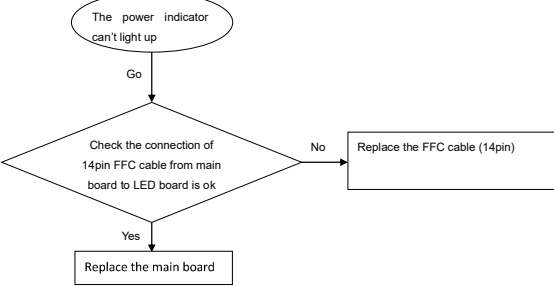
1. Dut can't power on



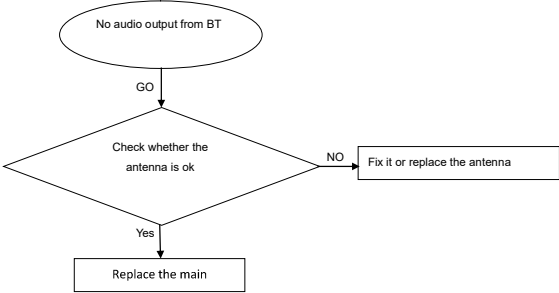
2. Dut can't charge



3. The power indicator can't light up



4. No audio output from BT



SAFETY AND GENERAL INSTRUCTION

b.

c

DISASSEMBLY INSTRUCTIONS
(S/N STARTING FROM TL1282 - TL1295)

A. Dismantling the Fabric Grille

- 1) Use a flathead screwdriver to pry the fabric grille as shown in figure 1
- 2) Move backward the Grille Assembly to remove the Grille Assembly as shown in figure 2.

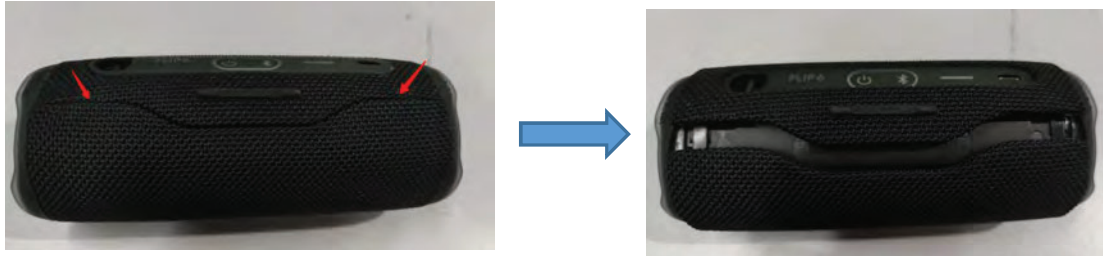


Figure 1



Figure 2

B. Disassemble the Left and Right End Caps and Passive Radiators

- 1) Use a flathead screwdriver to pry the buckle and remove the left and right end covers as shown in figure 3



Figure 3

C. Dismantling the tweeter and woofer

- 1) Loosen the screws as shown in figure 4.
- 2) Unplug the speaker cable, remove the woofer as shown in figure 5
- 3) Pry the tweeter open as shown in figure 6



Figure 4

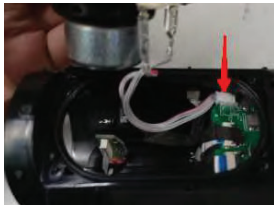


Figure 5



Figure 6

D. Dismantling of the battery cover and Rear decorative cover

- 1) Loosen the screws and remove the battery cover as shown in figure 7
- 2) Pry the snap open and remove the rear decorative cover as shown in figure 8

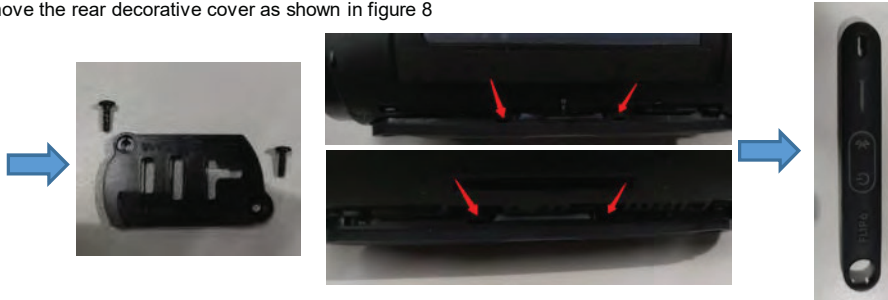


Figure 7

Figure 8

E. Dismantling of Mainboard and battery

- 1) Open the buckle to disconnect the cables as shown in figure 9
- 2) Tear off the antenna as shown in figure 10
- 3) Push out the Main Board and battery carefully as shown in figure 11

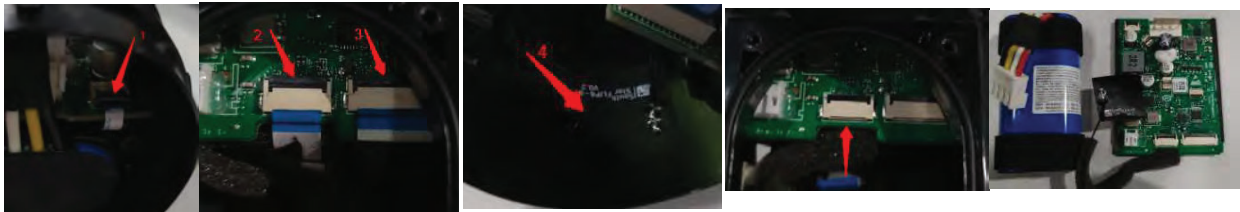
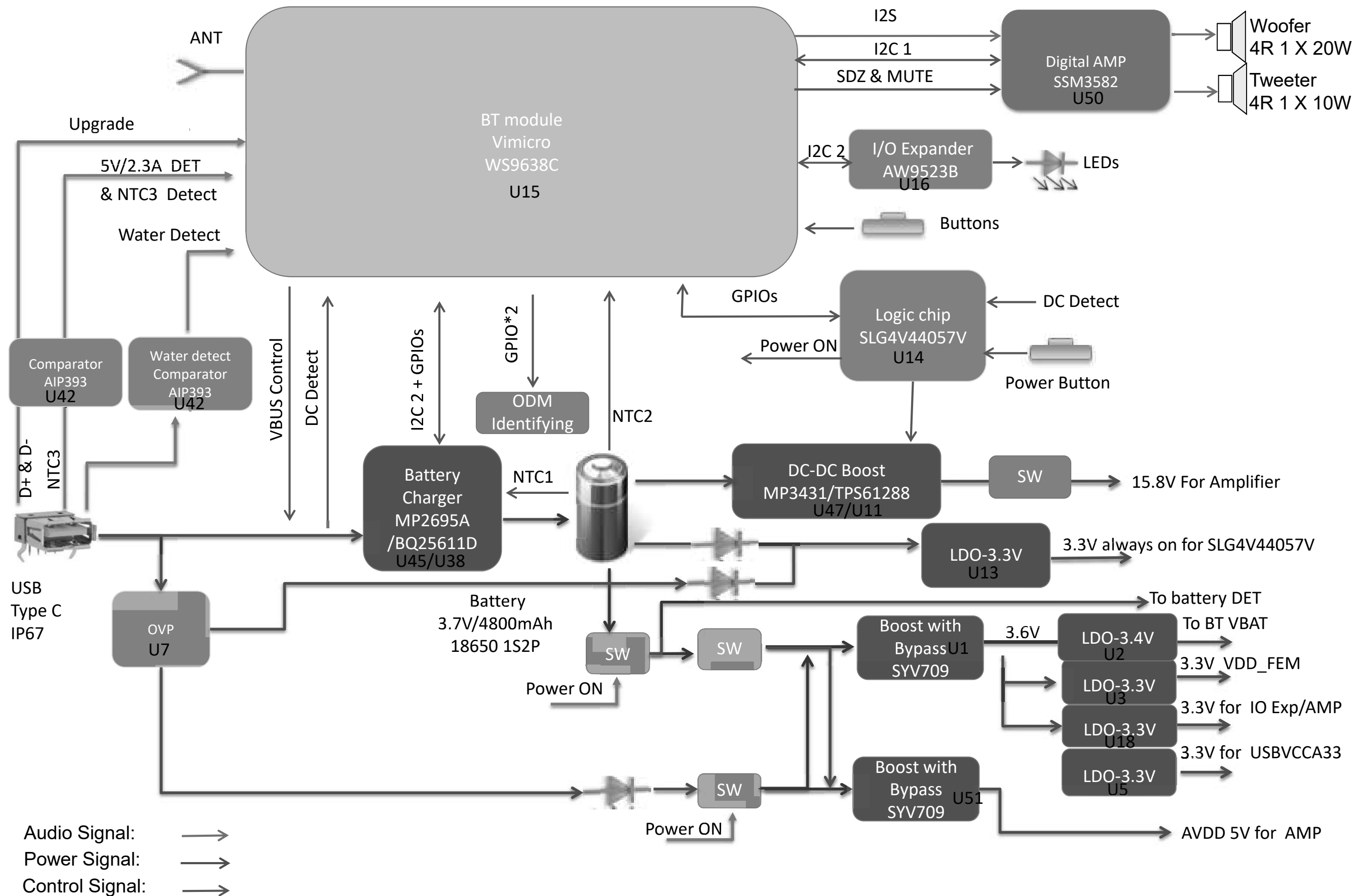


Figure 9

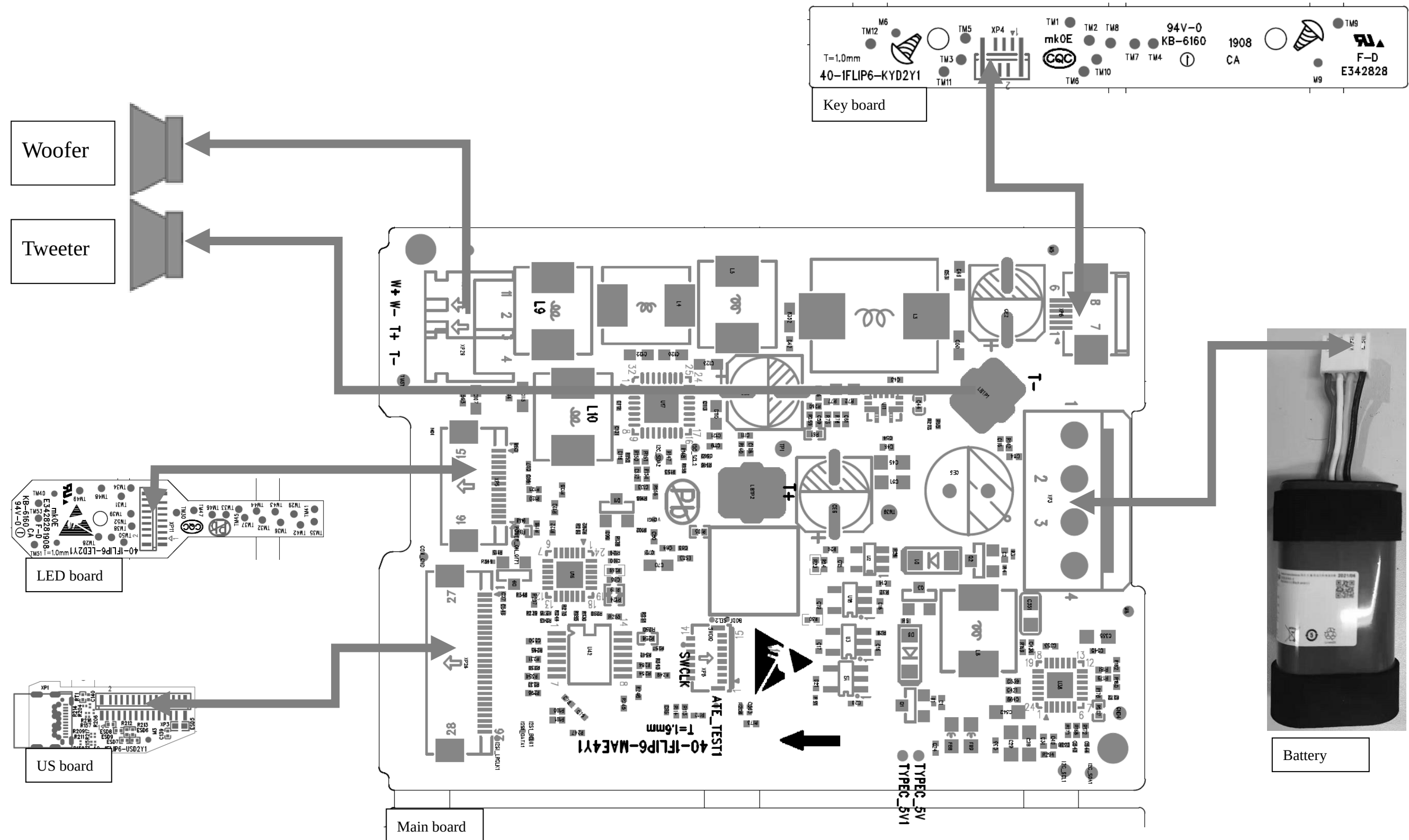
Figure 10

Figure 11

Block Diagram for ADI Solution

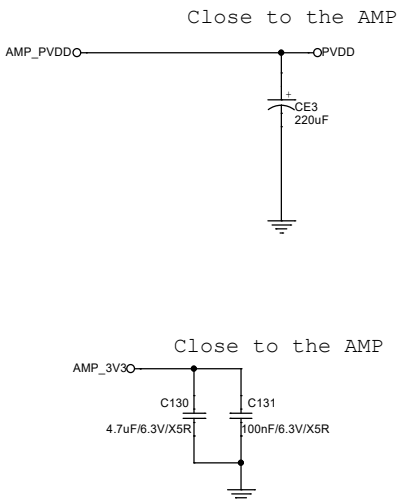


Wiring Diagram

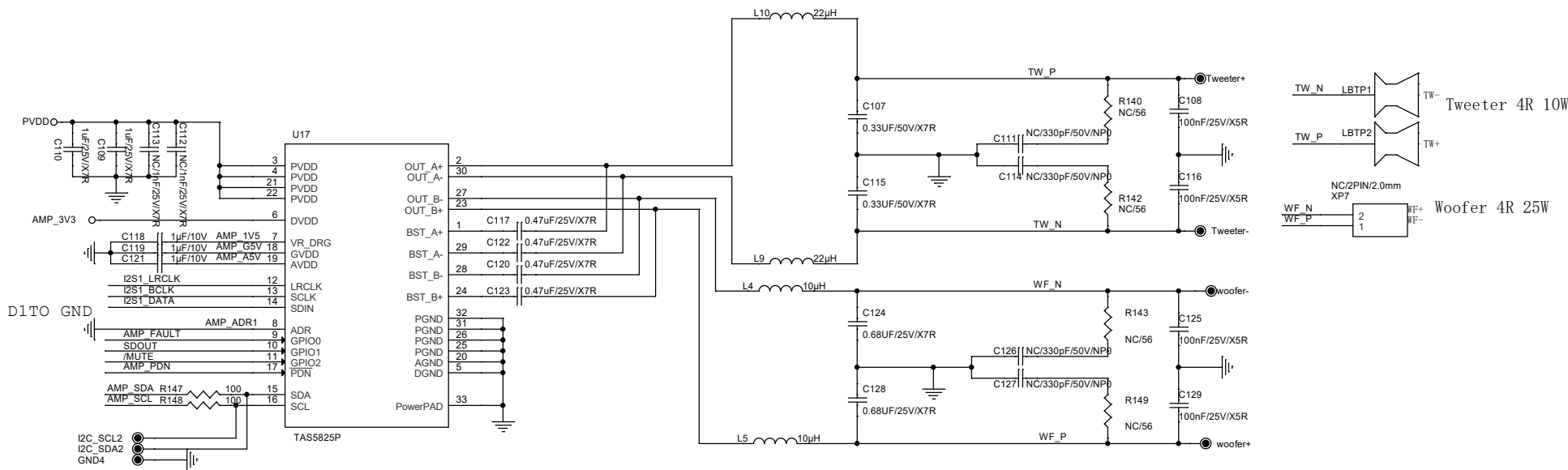


Circuit Diagram--MAIN PBCA

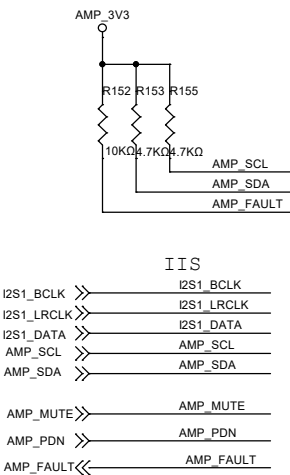
Power for amp



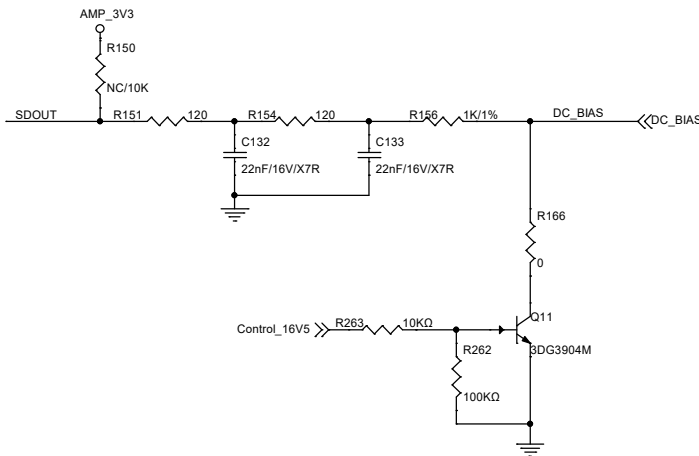
AMP



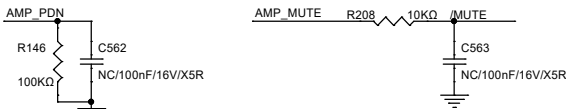
Network connection



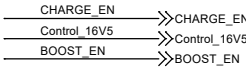
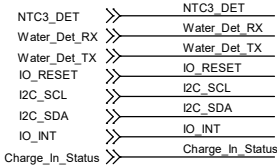
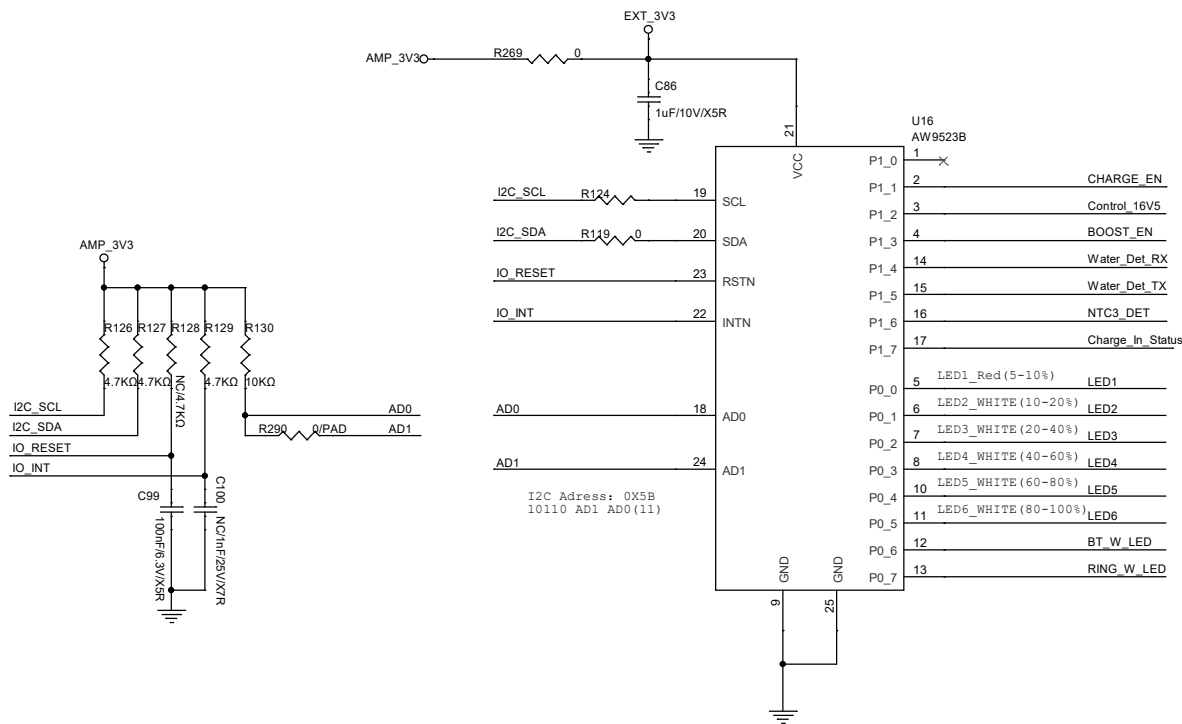
Dynamic detect



Prevent POP

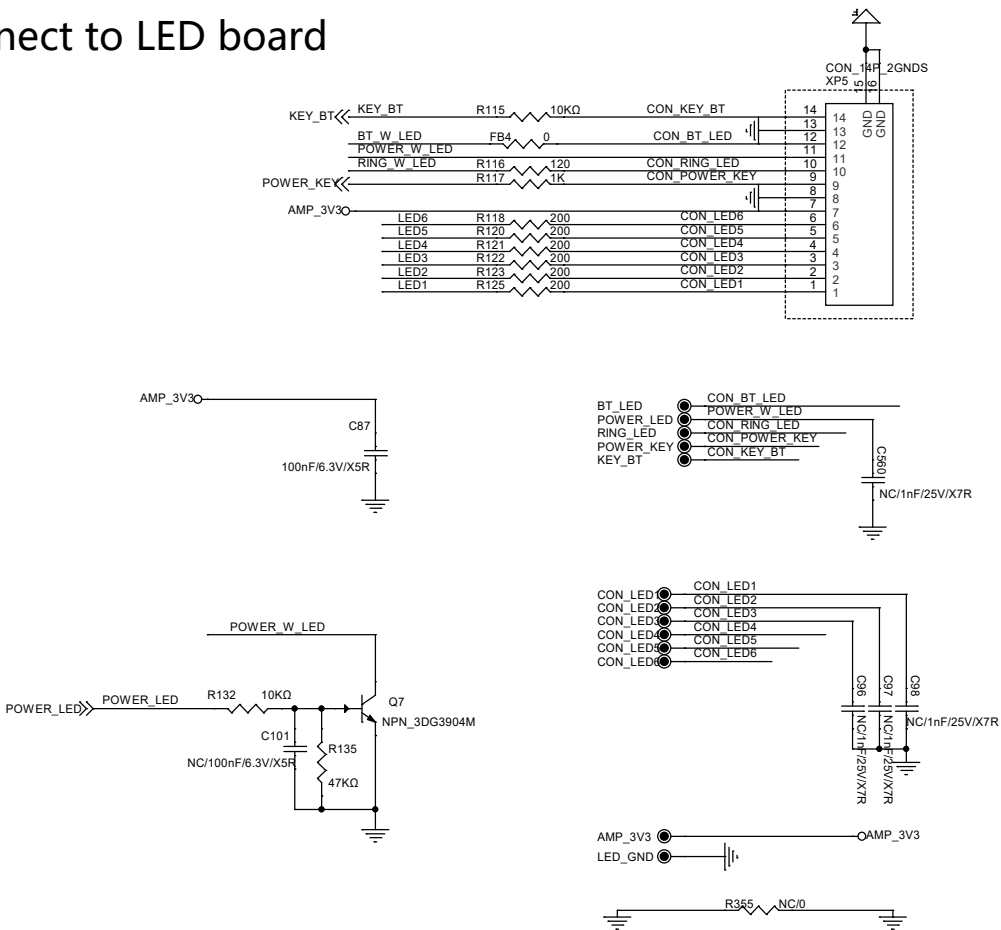


I/O Expander

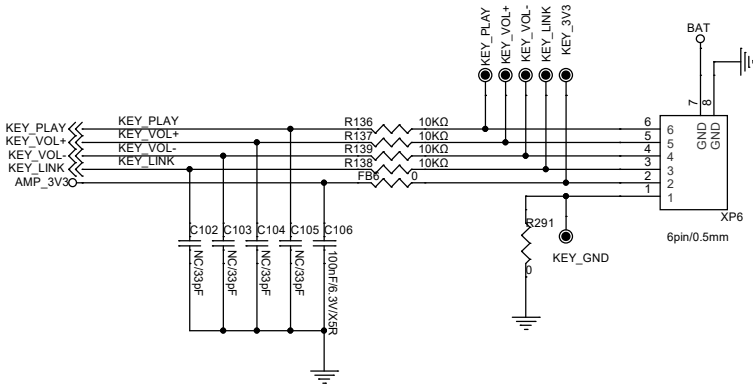


AD1	AD0	P1_7	P1_6	P1_5	P1_4	P1_3	P1_2	P1_1	P1_0	P0_7	P0_6	P0_5	P0_4	P0_3	P0_2	P0_1	P0_0
GND	GND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GND	VBAT	0	0	0	0	1	1	1	1	0	0	0	0	Hi-Z	Hi-Z	Hi-Z	Hi-Z
VBAT	GND	1	1	1	1	0	0	0	0	Hi-Z	Hi-Z	Hi-Z	Hi-Z	0	0	0	0
VBAT	VBAT	1	1	1	1	1	1	1	1	Hi-Z	Hi-Z	Hi-Z	Hi-Z	Hi-Z	Hi-Z	Hi-Z	Hi-Z

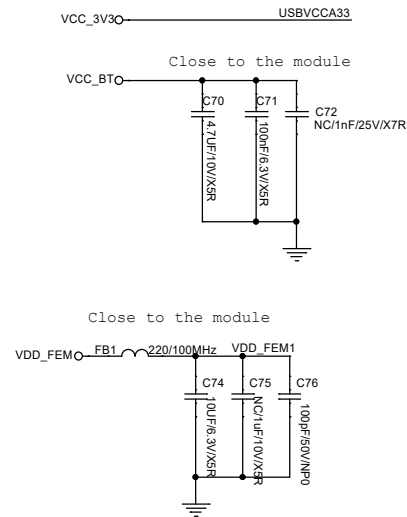
connect to LED board



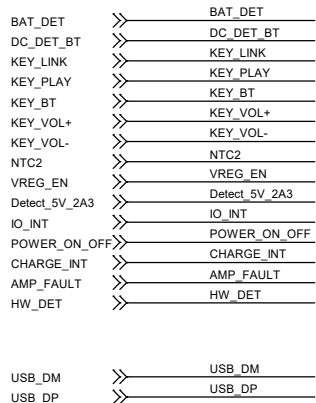
connect to KEY board



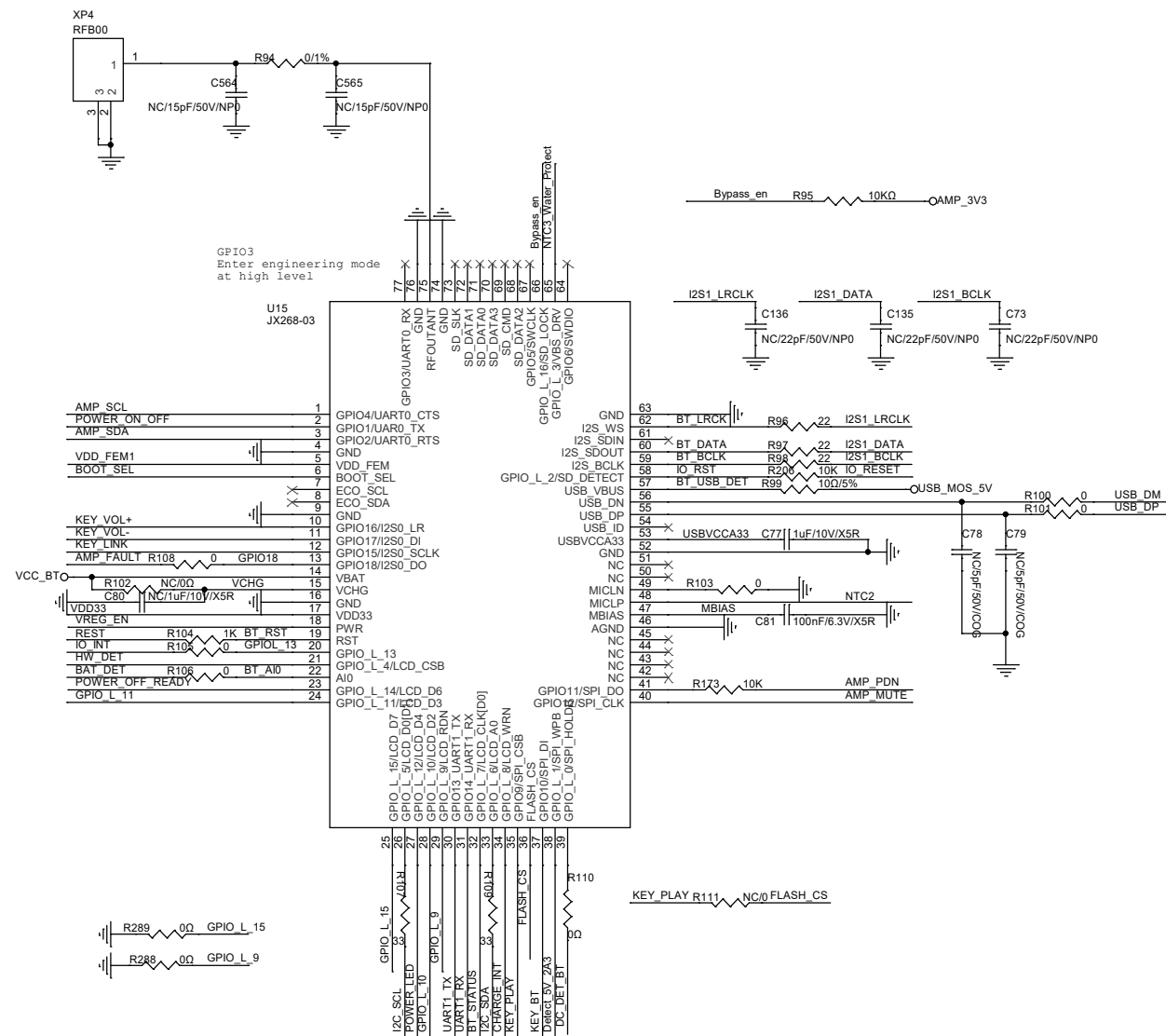
BT Power



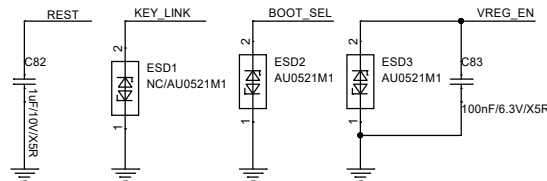
Input network



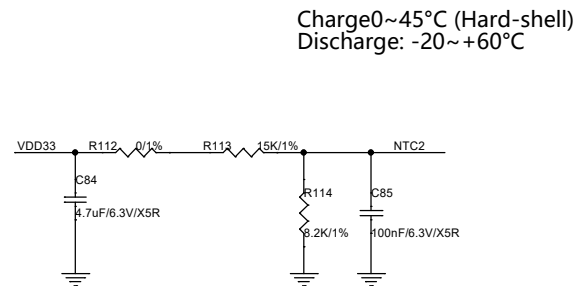
BT Moudle



ESD measures



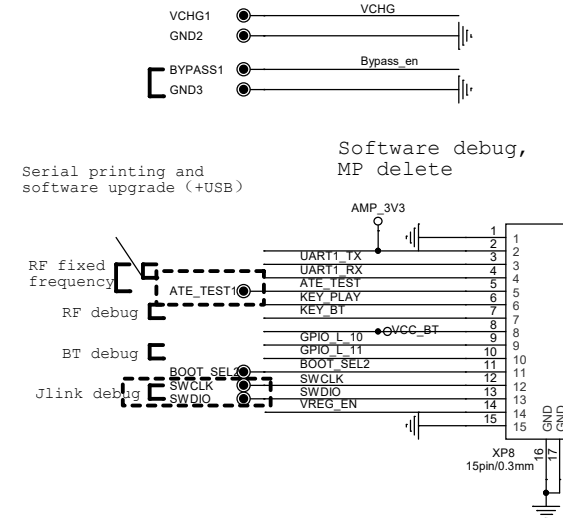
NTC



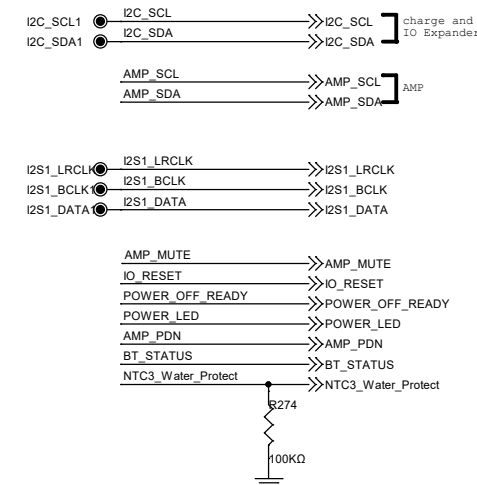
I2C address

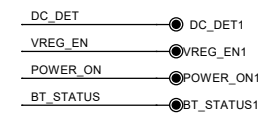
charge IC	AMP	IO Expander
0X6B	0X4C	0X5B
default	10011 ADR2 ADR1	10110 AD1 AD0

Test point



Output network



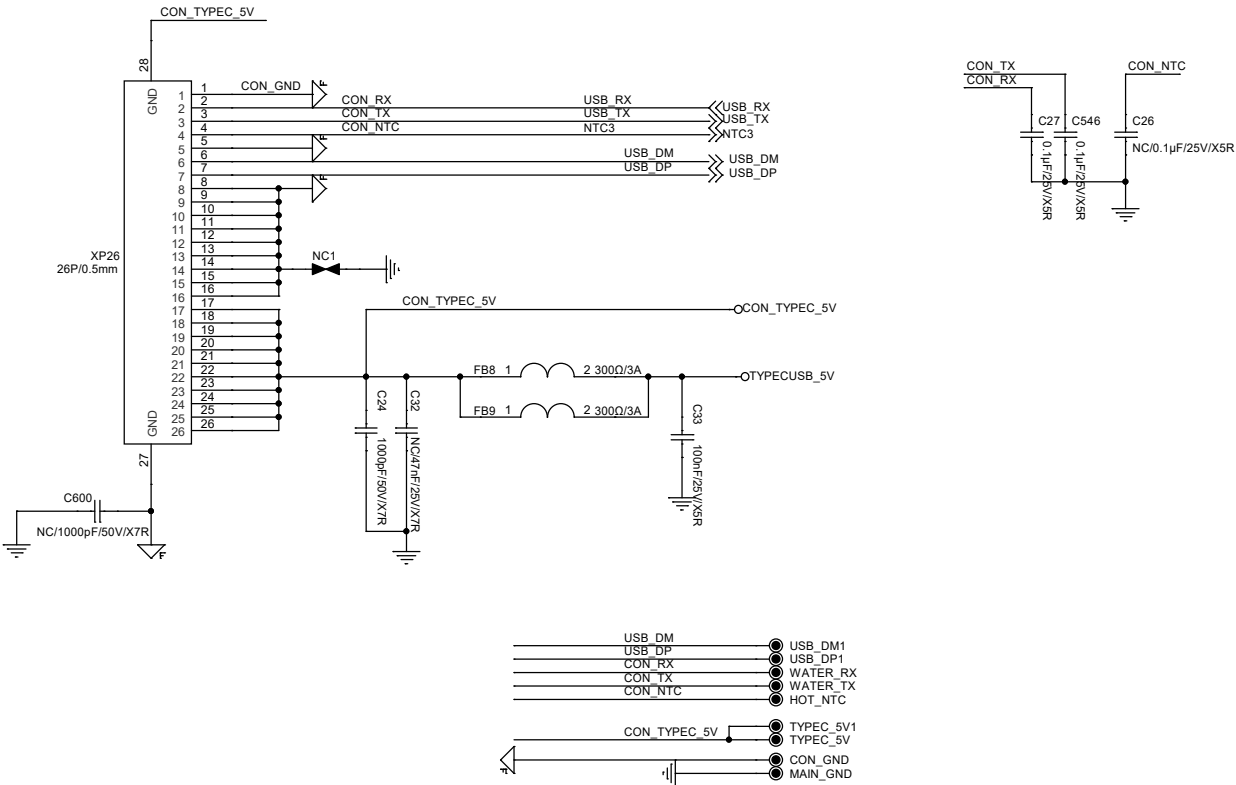


The schematic diagram illustrates the internal circuitry of the temperature sensor module, featuring four operational amplifier stages (U42A, U42B, U42C, U42D) configured as comparators or buffers. The components and their connections are as follows:

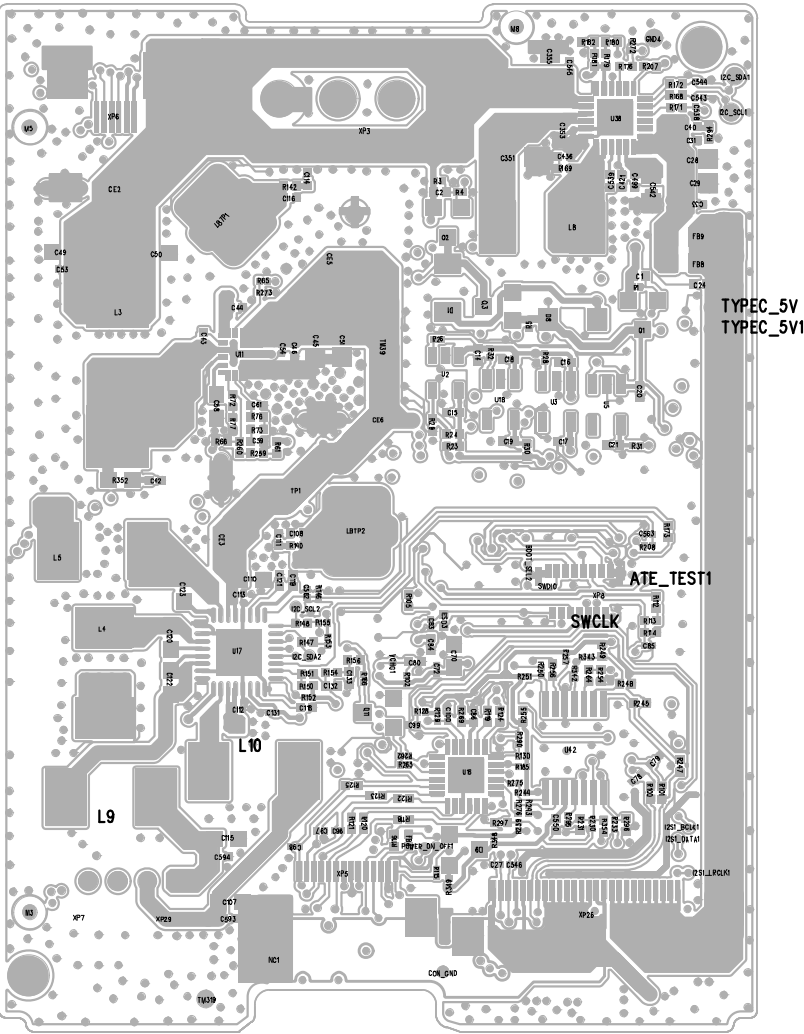
- Power and Grounding:**
 - COM_VCC:** Connected to the non-inverting input (pin 3) of all op-amps.
 - AMP_3V3:** Connected to the inverting input (pin 2) of all op-amps.
 - COM_GND:** Connected to the inverting input (pin 2) of all op-amps.
- Stage U42A (LM339A-TR):**
 - Non-inverting Input (pin 3):** Connected to COM_VCC.
 - Inverting Input (pin 2):** Connected to AMP_3V3.
 - Output (pin 1):** Connected to WATER_DET1 through resistor R275.
 - Other Connections:** R233 (100nF/25V/X5R) and R296 (4.7MΩ) are connected to CON_TYPEC_5V. R230 (NC/5.1K/1%) and R231 (NC/12K/1%) are connected to USB_TX. R234 (NC/33K/1%) is connected to AMP_3V3.
- Stage U42B (LM339A-TR):**
 - Non-inverting Input (pin 3):** Connected to COM_VCC.
 - Inverting Input (pin 2):** Connected to AMP_3V3.
 - Output (pin 1):** Connected to WATER_DET2 through resistor R276.
 - Other Connections:** R239 (100nF/25V/X5R) and R297 (4.7MΩ) are connected to CON_TYPEC_5V. R238 (NC/5.1K/1%) is connected to USB_RX. R295 (WATER_REF) and R294 (COM2_INN) are connected to the inverting input (pin 4).
- Stage U42C (LM339A-TR):**
 - Non-inverting Input (pin 3):** Connected to COM_VCC.
 - Inverting Input (pin 2):** Connected to AMP_3V3.
 - Output (pin 1):** Connected to DET_DP through resistor R251.
 - Other Connections:** R249 (33K/1%) and R248 (12K/1%) are connected to WATER_REF. R247 (300KΩ) is connected to USB_DP. R245 (200K/1%) is connected to the inverting input (pin 4).
- Stage U42D (LM339A-TR):**
 - Non-inverting Input (pin 3):** Connected to COM_VCC.
 - Inverting Input (pin 2):** Connected to AMP_3V3.
 - Output (pin 1):** Connected to DET_DP through resistor R256.
 - Other Connections:** R264 (10K/1%) and R255 (8.2K/1%) are connected to NTC3. R254 (NC/15K/1%) is connected to the inverting input (pin 4).

[illegible][illegible]

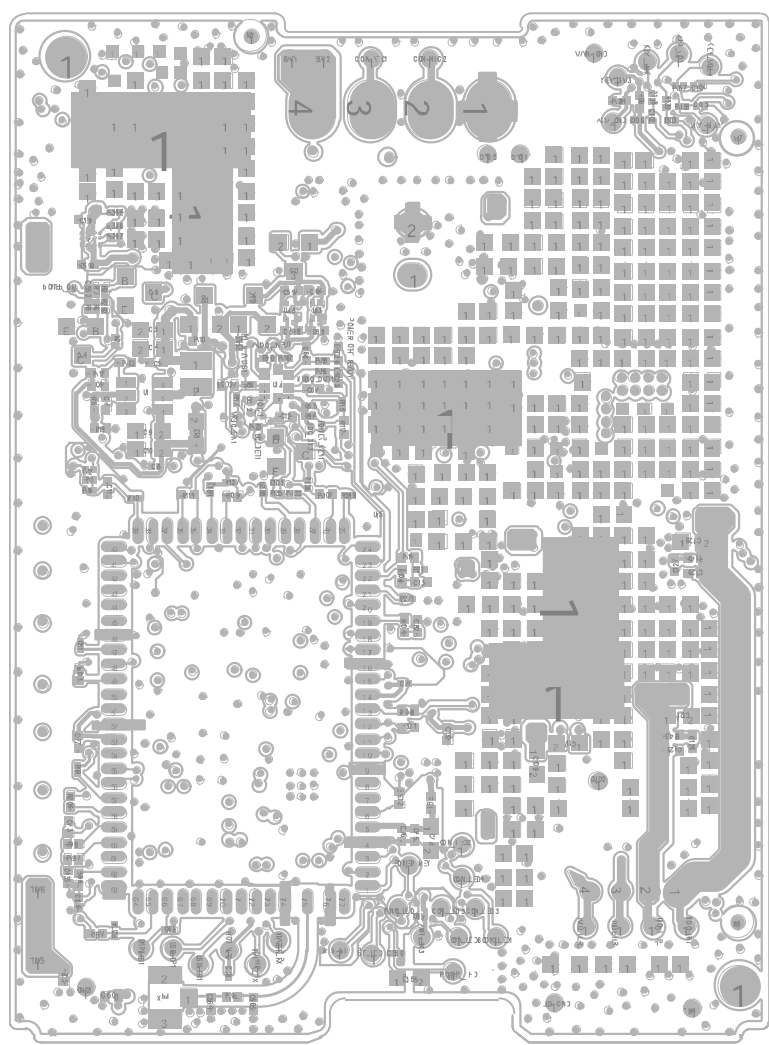
connect to the USB board



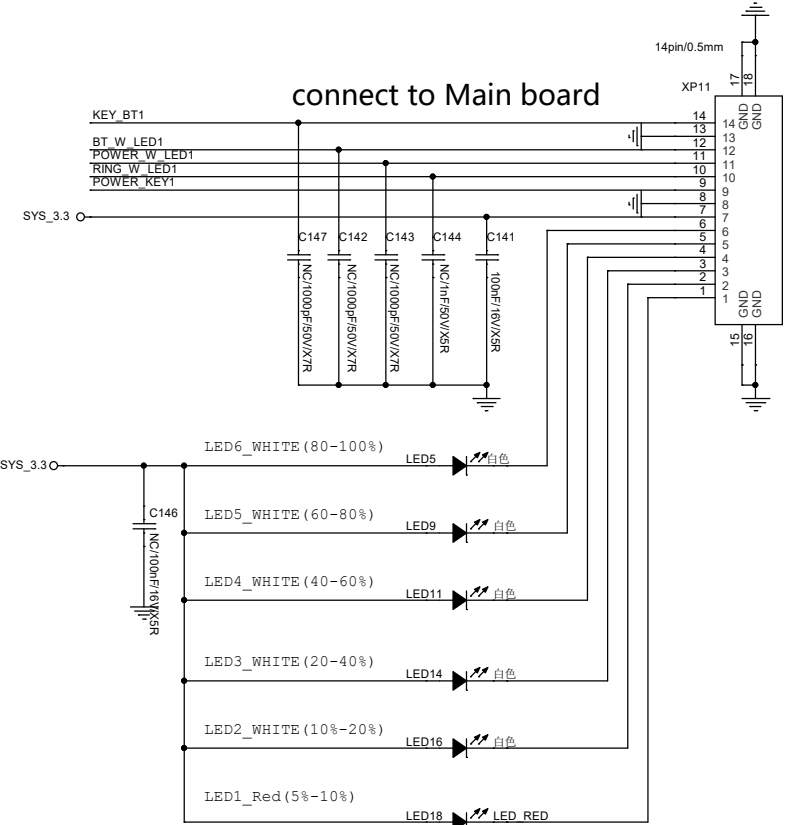
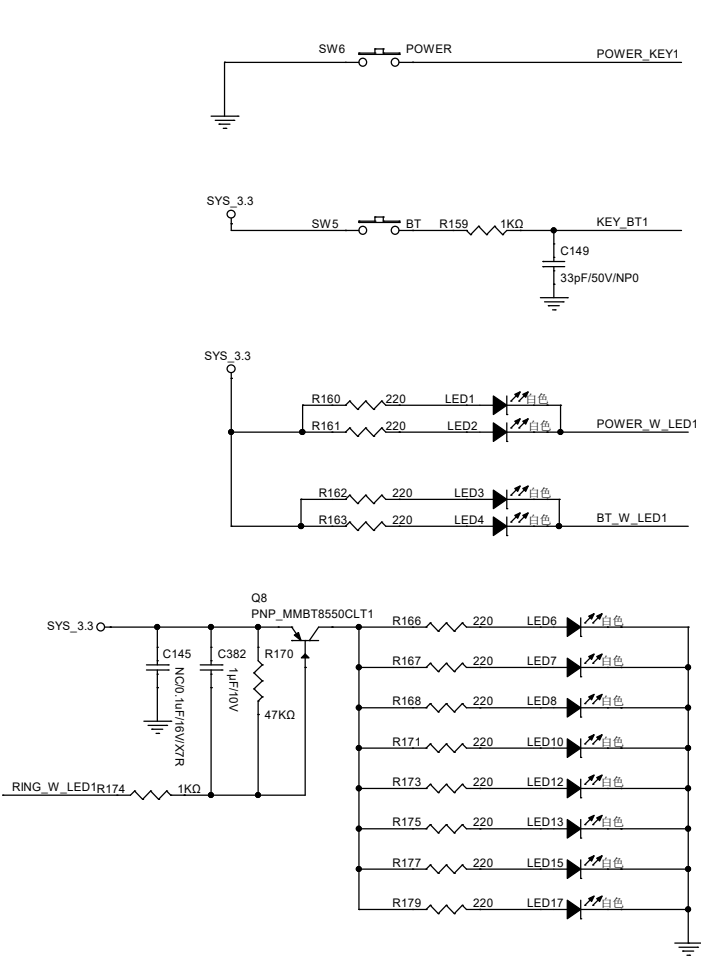
Layout Diagram Top View-Main PCBA



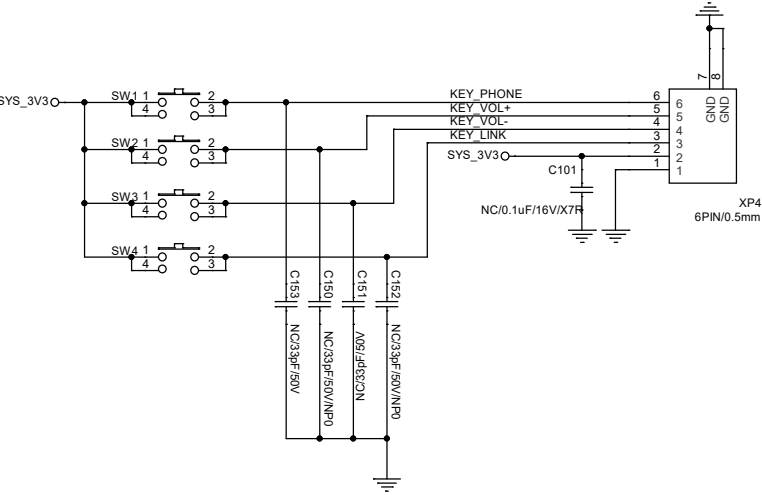
Layout Diagram Bottom View-Main PCBA



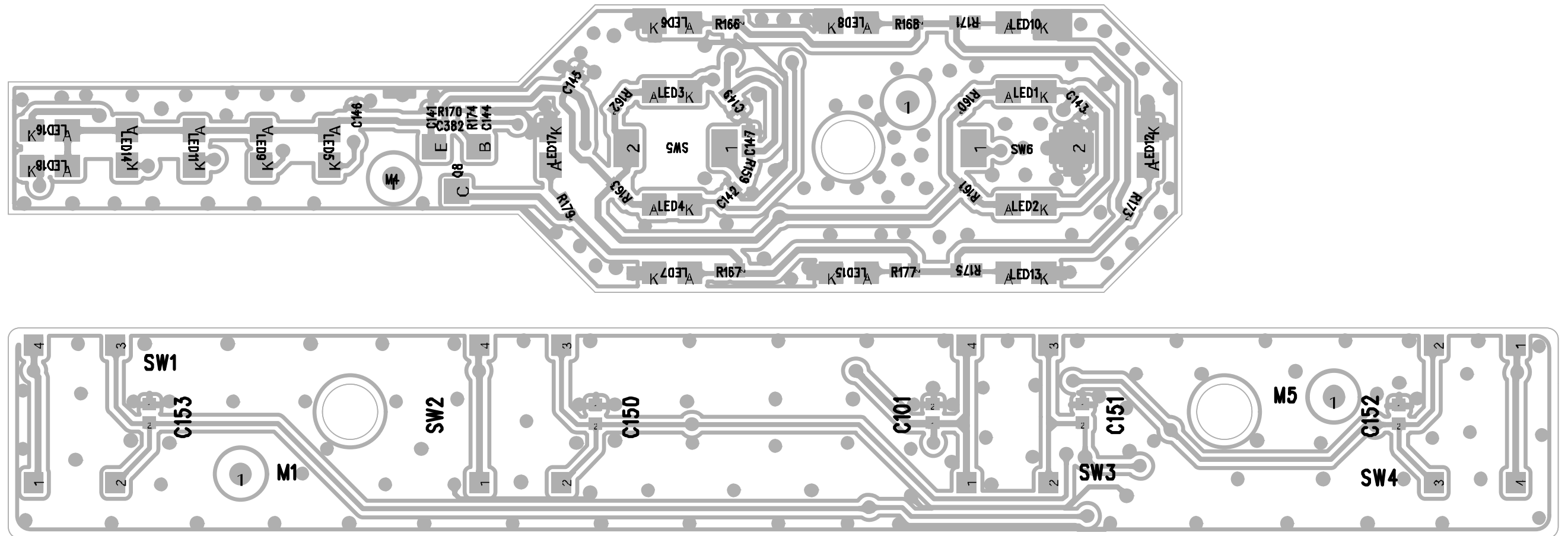
Circuit Diagram--KEY+LED+USB PBCA



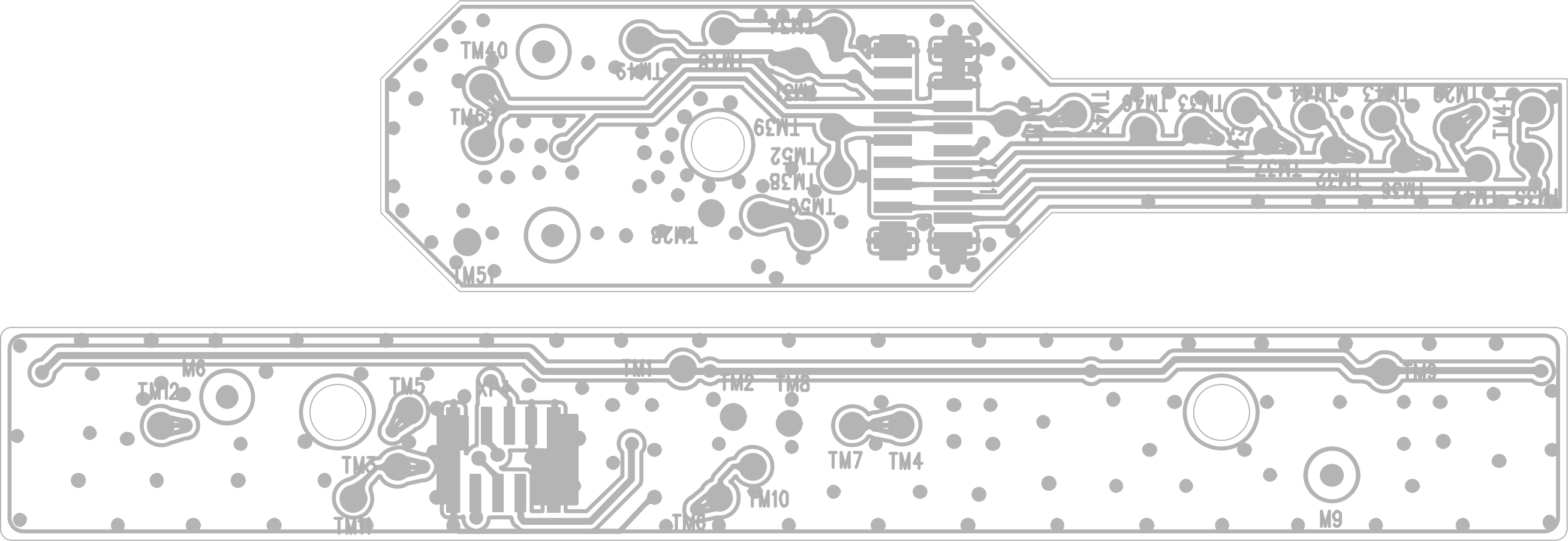
Circuit Diagram--KEY+LED+USB PBCA



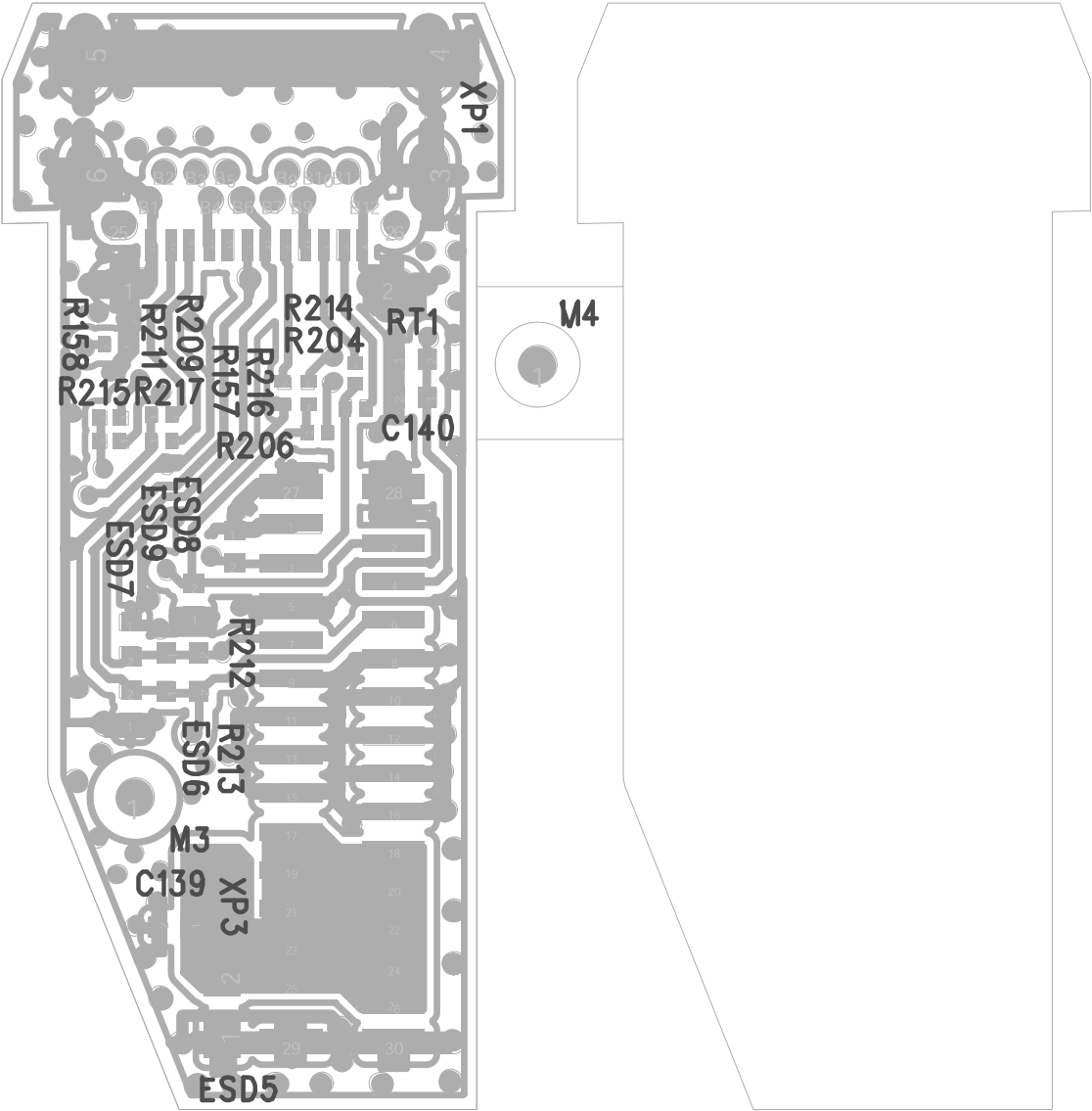
Layout Diagram Top View-KEY+LED PCBA



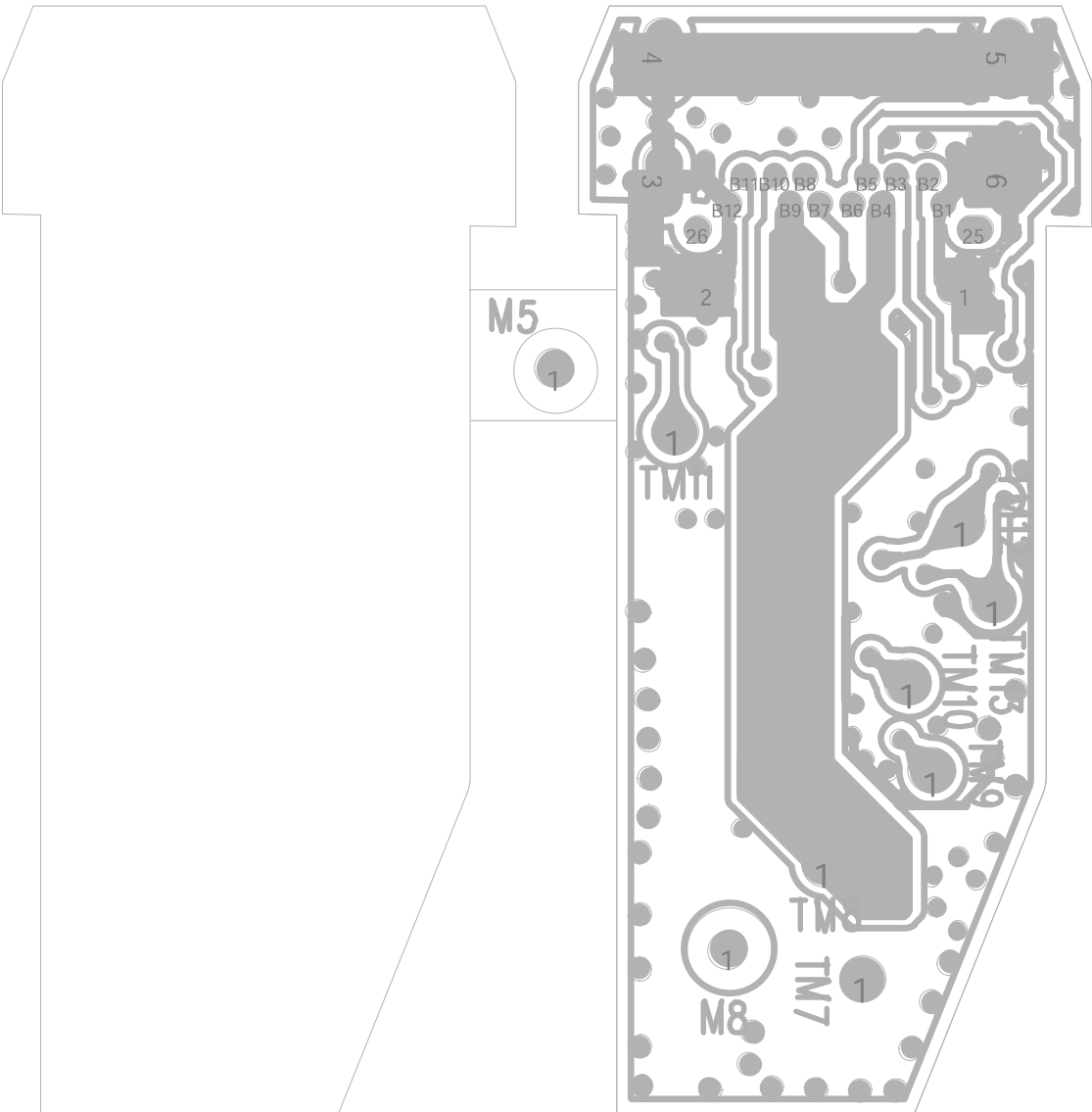
Layout Diagram Bottom View-KEY+LED PCBA



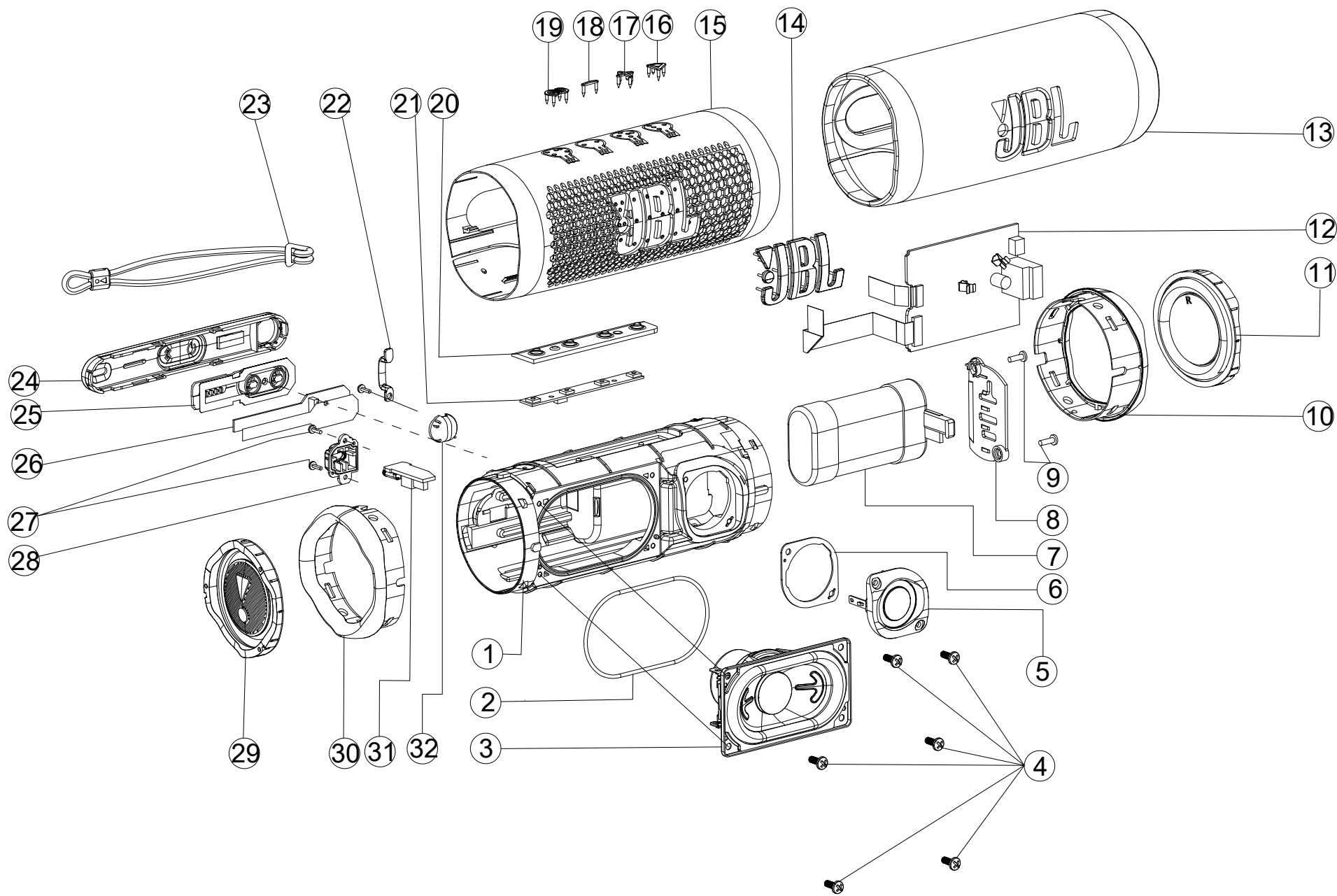
Layout Diagram Top View-USB PCBA



Layout Diagram Bottom View-USB PCBA



MECHANICAL EXPLODED VIEW



Pos. No.	Part Number	Description	Usage	UoM
1	08-FLP6R1-XX0S	MAIN CABINET ASSY FLIP6 TL	1	EA
2	59-458930-000	SPEAKER SEALING RING 45X80MM FLIP6 TL	1	EA
3	08-021025-04008	SPEAKER DRIVE 45X80MM FLIP6 TL	1	EA
3	08-021020-04002	SPEAKER DRIVE 45X80MM ADI FLIP6 TL	1	EA
4+9	63-B26080-BF8	SCREW 2.6X8MM FLIP6 TL	8	EA
5	08-011010-04013	SPEAKER DRIVE 16MM FLIP6 TL	1	EA
6	59-458910-000	SPEAKER SEALING RING 16MM FLIP6 TL	1	EA
7	49-364800-4BAT6-A	LI-ION BATTERY 3.6V 4800MAH FLIP6 TL	1	EA
8	08-FLP6W1-0UMS	BATTERY COVER FLIP6 TL	1	EA
10	08-FLP6C2-0UHB5S	SIDE COVER R WHT FLIP6 TL	1	EA
10	08-FLP6C2-0UHB7S	SIDE COVER R TEL FLIP6 TL	1	EA
10	08-FLP6C2-0UHB3S	SIDE COVER R RED FLIP6 TL	1	EA
10	08-FLP6C2-0UHB4S	SIDE COVER R PIK FLIP6 TL	1	EA
10	08-FLP6C2-0UHB6S	SIDE COVER R GRY FLIP6 TL	1	EA
10	08-FLP6C2-0UHB8S	SIDE COVER R GRN FLIP6 TL	1	EA
10	08-FLP6C2-0UHB2S	SIDE COVER R BLU FLIP6 TL	1	EA
10	08-FLP6C2-0UHB1S	SIDE COVER R BLK FLIP6 TL	1	EA
11	54-PR6010-C0015	PASSIVE RADIATOR WHT R FLIP6 TL	1	EA
11	54-PR6010-C0017	PASSIVE RADIATOR TEL R FLIP6 TL	1	EA
11	54-PR6010-C0013	PASSIVE RADIATOR RED R FLIP6 TL	1	EA
11	54-PR6010-C0014	PASSIVE RADIATOR PIK R FLIP6 TL	1	EA
11	54-PR6010-C0016	PASSIVE RADIATOR GRY R FLIP6 TL	1	EA
11	54-PR6010-C0018	PASSIVE RADIATOR GRN R FLIP6 TL	1	EA
11	54-PR6010-C0012	PASSIVE RADIATOR BLU R FLIP6 TL	1	EA
11	54-PR6010-C0011	PASSIVE RADIATOR BLK R FLIP6 TL	1	EA
12	08-0FLIP6-MA0S	MAIN BOARD FLIP6 TL	1	EA
12	08-2FLIP6-MA0S	MAIN BOARD ADI FLIP6 TL	1	EA
13+14+1 5+16+17 +18+19	08-0FLIP6-007S	FABRIC GRILLE ASSY WHT FLIP6 TL	1	EA
13+14+1 5+16+17 +18+19	08-0FLIP6-006S	FABRIC GRILLE ASSY TEL FLIP6 TL	1	EA
13+14+1 5+16+17 +18+19	08-0FLIP6-005S	FABRIC GRILLE ASSY RED FLIP6 TL	1	EA
13+14+1 5+16+17 +18+19	08-0FLIP6-004S	FABRIC GRILLE ASSY PIK FLIP6 TL	1	EA
13+14+1 5+16+17 +18+19	08-0FLIP6-003S	FABRIC GRILLE ASSY GRY FLIP6 TL	1	EA
13+14+1 5+16+17 +18+19	08-0FLIP6-002S	FABRIC GRILLE ASSY GRN FLIP6 TL	1	EA
13+14+1 5+16+17 +18+19	08-0FLIP6-001S	FABRIC GRILLE ASSY BLU FLIP6 TL	1	EA
13+14+1 5+16+17 +18+19	08-0FLIP6-000S	FABRIC GRILLE ASSY BLK FLIP6 TL	1	EA
20	59-458940-000	RUBBER BUTTON FUNCTION FLIP6 TL	1	EA
21	08-0FLIP6-KY0S	KEY BOARD NON-JN FLIP6 TL	1	EA
21	08-0FLIP6-KY1S	KEY BOARD JN FLIP6 TL	1	EA
22	08-FLP6H0-0A3B5S	STRAP HOOK WHT FLIP6 TL	1	EA
22	08-FLP6H0-0A3B7S	STRAP HOOK TEL FLIP6 TL	1	EA
22	08-FLP6H0-0A3B3S	STRAP HOOK RED FLIP6 TL	1	EA
22	08-FLP6H0-0A3B4S	STRAP HOOK PIK FLIP6 TL	1	EA
22	08-FLP6H0-0A3B6S	STRAP HOOK GRY FLIP6 TL	1	EA
22	08-FLP6H0-0A3B8S	STRAP HOOK GRN FLIP6 TL	1	EA
22	08-FLP6H0-0A3B2S	STRAP HOOK BLU FLIP6 TL	1	EA
22	08-FLP6H0-0A3B1S	STRAP HOOK BLK FLIP6 TL	1	EA
23	08-FLP6X1-XX0B5S	STRAP WHT FLIP6 TL	1	EA
23	08-FLP6X1-XX0B7S	STRAP TEL FLIP6 TL	1	EA
23	08-FLP6X1-XX0B3S	STRAP RED FLIP6 TL	1	EA
23	08-FLP6X1-XX0B4S	STRAP PIK FLIP6 TL	1	EA
23	08-FLP6X1-XX0B6S	STRAP GRY FLIP6 TL	1	EA
23	08-FLP6X1-XX0B8S	STRAP GRN FLIP6 TL	1	EA
23	08-FLP6X1-XX0B2S	STRAP BLU FLIP6 TL	1	EA
23	08-FLP6X1-XX0B1S	STRAP BLK FLIP6 TL	1	EA
24	08-FLP6W1-0UHB5S	DECORATION COVER WHT FLIP6 TL	1	EA
24	08-FLP6W1-0UHB7S	DECORATION COVER TEL FLIP6 TL	1	EA
24	08-FLP6W1-0UHB3S	DECORATION SIDE COVER RED FLIP6 TL	1	EA
24	08-FLP6W1-0UHB4S	DECORATION COVER PIK FLIP6 TL	1	EA
24	08-FLP6W1-0UHB6S	DECORATION COVER GRY FLIP6 TL	1	EA
24	08-FLP6W1-0UHB8S	DECORATION COVER GRN FLIP6 TL	1	EA
24	08-FLP6W1-0UHB2S	DECORATION COVER BLU FLIP6 TL	1	EA
24	08-FLP6W1-0UHB1S	DECORATION COVER BLK FLIP6 TL	1	EA
25	59-458890-000	RUBBER BUTTON POWER FLIP6 TL	1	EA
26	08-0FLIP6-LE0S	LED BOARD NON-JN FLIP6 TL	1	EA
26	08-0FLIP6-LE1S	LED BOARD JN FLIP6 TL	1	EA
27	63-B20080-BF8	SCREW 2.0X8MM FLIP6 TL	2	EA
28	08-FLP6W2-0UHS	USB BOARD COVER FLIP6 TL	1	EA
29	54-PR6010-C0005	PASSIVE RADIATOR WHT L FLIP6 TL	1	EA
29	54-PR6010-C0007	PASSIVE RADIATOR TEL L FLIP6 TL	1	EA
29	54-PR6010-C0003	PASSIVE RADIATOR RED L FLIP6 TL	1	EA
29	54-PR6010-C0004	PASSIVE RADIATOR PIK L FLIP6 TL	1	EA
29	54-PR6010-C0006	PASSIVE RADIATOR GRY L FLIP6 TL	1	EA
29	54-PR6010-C0008	PASSIVE RADIATOR GRN L FLIP6 TL	1	EA
29	54-PR6010-C0002	PASSIVE RADIATOR BLU L FLIP6 TL	1	EA
29	54-PR6010-C0001	PASSIVE RADIATOR BLK L FLIP6 TL	1	EA
30	08-FLP6C1-0UHB5S	SIDE COVER L WHT FLIP6 TL	1	EA
30	08-FLP6C1-0UHB7S	SIDE COVER L TEL FLIP6 TL	1	EA
30	08-FLP6C1-0UHB3S	SIDE COVER L RED FLIP6 TL	1	EA
30	08-FLP6C1-0UHB4S	SIDE COVER L PIK FLIP6 TL	1	EA
30	08-FLP6C1-0UHB6S	SIDE COVER L GRY FLIP6 TL	1	EA
30	08-FLP6C1-0UHB8S	SIDE COVER L GRN FLIP6 TL	1	EA
30	08-FLP6C1-0UHB2S	SIDE COVER L BLU FLIP6 TL	1	EA
30	08-FLP6C1-0UHB1S	SIDE COVER L BLK FLIP6 TL	1	EA
31	08-0FLIP6-US0S	USB BOARD FLIP6 TL	1	EA
32	55-FLP6K1-0HHB1	STRAP DECORATION BLK FLIP6 TL	1	EA
32	55-FLP6K1-0HHB2	STRAP DECORATION BLU FLIP6 TL	1	EA
32	55-FLP6K1-0HHB8	STRAP DECORATION GRN FLIP6 TL	1	EA
32	55-FLP6K1-0HHB6	STRAP DECORATION GRY FLIP6 TL	1	EA
32	55-FLP6K1-0HHB4	STRAP DECORATION PIK FLIP6 TL	1	EA
32	55-FLP6K1-0HHB3	STRAP DECORATION RED FLIP6 TL	1	EA
32	55-FLP6K1-0HHB7	STRAP DECORATION TEL FLIP6 TL	1	EA
32	55-FLP6K1-0HHB5	STRAP DECORATION WHT FLIP6 TL	1	EA

JBL FLIP 6 TL SPARE PARTS LIST V1.1

Pos. No.	Part Number	Description	Usage	UoM
1	08-FLP6R1-XX0S	MAIN CABINET ASSY FLIP6 TL	1	EA
2	59-458930-000	SPEAKER SEALING RING 45X80MM FLIP6 TL	1	EA
3	08-021025-04008	SPEAKER DRIVE 45X80MM FLIP6 TL	1	EA
3	08-021020-04002	SPEAKER DRIVE 45X80MM ADI FLIP6 TL	1	EA
4+9	63-B26080-BF8	SCREW 2.6X8MM FLIP6 TL	8	EA
5	08-011010-04013	SPEAKER DRIVE 16MM FLIP6 TL	1	EA
6	59-458910-000	SPEAKER SEALING RING 16MM FLIP6 TL	1	EA
7	49-364800-4BAT6-A	LI-ION BATTERY 3.6V 4800MAH FLIP6 TL	1	EA
8	08-FLP6W1-0UMS	BATTERY COVER FLIP6 TL	1	EA
10	08-FLP6C2-0UHB5S	SIDE COVER R WHT FLIP6 TL	1	EA
10	08-FLP6C2-0UHB7S	SIDE COVER R TEL FLIP6 TL	1	EA
10	08-FLP6C2-0UHB3S	SIDE COVER R RED FLIP6 TL	1	EA
10	08-FLP6C2-0UHB4S	SIDE COVER R PIK FLIP6 TL	1	EA
10	08-FLP6C2-0UHB6S	SIDE COVER R GRY FLIP6 TL	1	EA
10	08-FLP6C2-0UHB8S	SIDE COVER R GRN FLIP6 TL	1	EA
10	08-FLP6C2-0UHB2S	SIDE COVER R BLU FLIP6 TL	1	EA
10	08-FLP6C2-0UHB1S	SIDE COVER R BLK FLIP6 TL	1	EA
11	54-PR6010-C0015	PASSIVE RADIATOR WHT R FLIP6 TL	1	EA
11	54-PR6010-C0017	PASSIVE RADIATOR TEL R FLIP6 TL	1	EA
11	54-PR6010-C0013	PASSIVE RADIATOR RED R FLIP6 TL	1	EA
11	54-PR6010-C0014	PASSIVE RADIATOR PIK R FLIP6 TL	1	EA
11	54-PR6010-C0016	PASSIVE RADIATOR GRY R FLIP6 TL	1	EA
11	54-PR6010-C0018	PASSIVE RADIATOR GRN R FLIP6 TL	1	EA
11	54-PR6010-C0012	PASSIVE RADIATOR BLU R FLIP6 TL	1	EA
11	54-PR6010-C0011	PASSIVE RADIATOR BLK R FLIP6 TL	1	EA
12	08-0FLIP6-MA0S	MAIN BOARD FLIP6 TL	1	EA
12	08-2FLIP6-MA0S	MAIN BOARD ADI FLIP6 TL	1	EA
13+14+15+ 16+17+18+ 19	08-0FLIP6-007S	FABRIC GRILLE ASSY WHT FLIP6 TL	1	EA
13+14+15+ 16+17+18+ 19	08-0FLIP6-006S	FABRIC GRILLE ASSY TEL FLIP6 TL	1	EA
13+14+15+ 16+17+18+ 19	08-0FLIP6-005S	FABRIC GRILLE ASSY RED FLIP6 TL	1	EA
13+14+15+ 16+17+18+ 19	08-0FLIP6-004S	FABRIC GRILLE ASSY PIK FLIP6 TL	1	EA
13+14+15+ 16+17+18+ 19	08-0FLIP6-003S	FABRIC GRILLE ASSY GRY FLIP6 TL	1	EA
13+14+15+ 16+17+18+ 19	08-0FLIP6-002S	FABRIC GRILLE ASSY GRN FLIP6 TL	1	EA
13+14+15+ 16+17+18+ 19	08-0FLIP6-001S	FABRIC GRILLE ASSY BLU FLIP6 TL	1	EA

13+14+15+ 16+17+18+ 19	08-0FLIP6-000S	FABRIC GRILLE ASSY BLK FLIP6 TL	1	EA
20	59-458940-000	RUBBER BUTTON FUNCTION FLIP6 TL	1	EA
21	08-0FLIP6-KY0S	KEY BOARD NON-JN FLIP6 TL	1	EA
21	08-0FLIP6-KY1S	KEY BOARD JN FLIP6 TL	1	EA
22	08-FLP6H0-0A3B5S	STRAP HOOK WHT FLIP6 TL	1	EA
22	08-FLP6H0-0A3B7S	STRAP HOOK TEL FLIP6 TL	1	EA
22	08-FLP6H0-0A3B3S	STRAP HOOK RED FLIP6 TL	1	EA
22	08-FLP6H0-0A3B4S	STRAP HOOK PIK FLIP6 TL	1	EA
22	08-FLP6H0-0A3B6S	STRAP HOOK GRY FLIP6 TL	1	EA
22	08-FLP6H0-0A3B8S	STRAP HOOK GRN FLIP6 TL	1	EA
22	08-FLP6H0-0A3B2S	STRAP HOOK BLU FLIP6 TL	1	EA
22	08-FLP6H0-0A3B1S	STRAP HOOK BLK FLIP6 TL	1	EA
23	08-FLP6X1-XX0B5S	STRAP WHT FLIP6 TL	1	EA
23	08-FLP6X1-XX0B7S	STRAP TEL FLIP6 TL	1	EA
23	08-FLP6X1-XX0B3S	STRAP RED FLIP6 TL	1	EA
23	08-FLP6X1-XX0B4S	STRAP PIK FLIP6 TL	1	EA
23	08-FLP6X1-XX0B6S	STRAP GRY FLIP6 TL	1	EA
23	08-FLP6X1-XX0B8S	STRAP GRN FLIP6 TL	1	EA
23	08-FLP6X1-XX0B2S	STRAP BLU FLIP6 TL	1	EA
23	08-FLP6X1-XX0B1S	STRAP BLK FLIP6 TL	1	EA
24	08-FLP6W1-0UHB5S	DECORATION COVER WHT FLIP6 TL	1	EA
24	08-FLP6W1-0UHB7S	DECORATION COVER TEL FLIP6 TL	1	EA
24	08-FLP6W1-0UHB3S	DECORATION SIDE COVER RED FLIP6 TL	1	EA
24	08-FLP6W1-0UHB4S	DECORATION COVER PIK FLIP6 TL	1	EA
24	08-FLP6W1-0UHB6S	DECORATION COVER GRY FLIP6 TL	1	EA
24	08-FLP6W1-0UHB8S	DECORATION COVER GRN FLIP6 TL	1	EA
24	08-FLP6W1-0UHB2S	DECORATION COVER BLU FLIP6 TL	1	EA
24	08-FLP6W1-0UHB1S	DECORATION COVER BLK FLIP6 TL	1	EA
25	59-458890-000	RUBBER BUTTON POWER FLIP6 TL	1	EA
26	08-0FLIP6-LE0S	LED BOARD NON-JN FLIP6 TL	1	EA
26	08-0FLIP6-LE1S	LED BOARD JN FLIP6 TL	1	EA
27	63-B20060-BF8	SCREW 2.0X6MM FLIP6 TL	2	EA
28	08-FLP6W2-0UHS	USB BOARD COVER FLIP6 TL	1	EA
29	54-PR6010-C0005	PASSIVE RADIATOR WHT L FLIP6 TL	1	EA
29	54-PR6010-C0007	PASSIVE RADIATOR TEL L FLIP6 TL	1	EA
29	54-PR6010-C0003	PASSIVE RADIATOR RED L FLIP6 TL	1	EA
29	54-PR6010-C0004	PASSIVE RADIATOR PIK L FLIP6 TL	1	EA
29	54-PR6010-C0006	PASSIVE RADIATOR GRY L FLIP6 TL	1	EA
29	54-PR6010-C0008	PASSIVE RADIATOR GRN L FLIP6 TL	1	EA
29	54-PR6010-C0002	PASSIVE RADIATOR BLU L FLIP6 TL	1	EA
29	54-PR6010-C0001	PASSIVE RADIATOR BLK L FLIP6 TL	1	EA
30	08-FLP6C1-0UHB5S	SIDE COVER L WHT FLIP6 TL	1	EA
30	08-FLP6C1-0UHB7S	SIDE COVER L TEL FLIP6 TL	1	EA
30	08-FLP6C1-0UHB3S	SIDE COVER L RED FLIP6 TL	1	EA
30	08-FLP6C1-0UHB4S	SIDE COVER L PIK FLIP6 TL	1	EA
30	08-FLP6C1-0UHB6S	SIDE COVER L GRY FLIP6 TL	1	EA
30	08-FLP6C1-0UHB8S	SIDE COVER L GRN FLIP6 TL	1	EA
30	08-FLP6C1-0UHB2S	SIDE COVER L BLU FLIP6 TL	1	EA
30	08-FLP6C1-0UHB1S	SIDE COVER L BLK FLIP6 TL	1	EA
31	08-0FLIP6-US0S	USB BOARD FLIP6 TL	1	EA

32	55-FLP6K1-0HHB1	STRAP DECORATION BLK FLIP6 TL	1	EA
32	55-FLP6K1-0HHB2	STRAP DECORATION BLU FLIP6 TL	1	EA
32	55-FLP6K1-0HHB8	STRAP DECORATION GRN FLIP6 TL	1	EA
32	55-FLP6K1-0HHB6	STRAP DECORATION GRY FLIP6 TL	1	EA
32	55-FLP6K1-0HHB4	STRAP DECORATION PIK FLIP6 TL	1	EA
32	55-FLP6K1-0HHB3	STRAP DECORATION RED FLIP6 TL	1	EA
32	55-FLP6K1-0HHB7	STRAP DECORATION TEL FLIP6 TL	1	EA
32	55-FLP6K1-0HHB5	STRAP DECORATION WHT FLIP6 TL	1	EA
	46-FF006C-14BU	FFC CABLE 14P 60MM FLIP6 TL	1	EA
	46-FF012C-06BUFS	FFC CABLE 6P 120MM FLIP6 TL	1	EA
	46-FK010C-26BUF	FFC CABLE 26P 100MM FLIP6 TL	1	EA
	47-ANT634-XX0	BLUETOOTH ANTENNA 75MM FLIP6 TL	1	EA
	46-FL008T-03Q1	SPEAKER WIRE 80MM 3PINS ADI FLIP6	1	EA
	46-FL008T-02Q1	SPEAKER WIRE 80MM 2PINS TI FLIP6	1	EA
	76-464200-0ATD9	GIFT BOX BLK GLOBAL FLIP6 TL	1	EA
	76-464200-0ATC2	GIFT BOX BLU GLOBAL FLIP6 TL	1	EA
	76-464200-0ATC3	GIFT BOX GRN GLOBAL FLIP6 TL	1	EA
	76-464200-0ATC4	GIFT BOX GRY GLOBAL FLIP6 TL	1	EA
	76-464200-0ATC5	GIFT BOX PIK GLOBAL FLIP6 TL	1	EA
	76-464200-0ATC6	GIFT BOX RED GLOBAL FLIP6 TL	1	EA
	76-464200-0ATC7	GIFT BOX TEL GLOBAL FLIP6 TL	1	EA
	76-464200-0ATC8	GIFT BOX WHT GLOBAL FLIP6 TL	1	EA
	76-464200-0ATC9	GIFT BOX BLK EP FLIP6 TL	1	EA
	76-464200-0ATF1	GIFT BOX BLK AM FLIP6 TL	1	EA
	76-464200-0ATF2	GIFT BOX BLU AM FLIP6 TL	1	EA
	76-464200-0ATF3	GIFT BOX GRN AM FLIP6 TL	1	EA
	76-464200-0ATF4	GIFT BOX GRY AM FLIP6 TL	1	EA
	76-464200-0ATF5	GIFT BOX PIK AM FLIP6 TL	1	EA
	76-464200-0ATF6	GIFT BOX RED AM FLIP6 TL	1	EA
	76-464200-0ATF7	GIFT BOX TEL AM FLIP6 TL	1	EA
	76-464200-0ATF8	GIFT BOX WHT AM FLIP6 TL	1	EA

SERVICE INFORMATION

Due to IC shortage, ADI3582 as amplifier IC will be applied in early mass production.
The factory will switch to TI AMP chip in Dec, 2021 or early 2022 when the ADI chip is used up.
Main Board and Speaker Drive (woofer) will be replaced together at same time if the repair happened between ADI and TI solution.

MATRIX

SKU - Name	Main Board with ADI3582	Speaker Drive for ADI	Main Board with TI TAS5825	Speaker Drive for TI
JBLFLIP6BLK	08-2FLIP6-MA0S	08-021020-04002	08-0FLIP6-MA0S	08-021025-04008
JBLFLIP6BLKEU	08-2FLIP6-MA0S	08-021020-04002	08-0FLIP6-MA0S	08-021025-04008
JBLFLIP6BLU	08-2FLIP6-MA0S	08-021020-04002	08-0FLIP6-MA0S	08-021025-04008
JBLFLIP6GREN	08-2FLIP6-MA0S	08-021020-04002	08-0FLIP6-MA0S	08-021025-04008
JBLFLIP6GREY	08-2FLIP6-MA0S	08-021020-04002	08-0FLIP6-MA0S	08-021025-04008
JBLFLIP6PINK	08-2FLIP6-MA0S	08-021020-04002	08-0FLIP6-MA0S	08-021025-04008
JBLFLIP6RED	08-2FLIP6-MA0S	08-021020-04002	08-0FLIP6-MA0S	08-021025-04008
JBLFLIP6SQUAD	08-2FLIP6-MA0S	08-021020-04002	08-0FLIP6-MA0S	08-021025-04008
JBLFLIP6TEAL	08-2FLIP6-MA0S	08-021020-04002	08-0FLIP6-MA0S	08-021025-04008
JBLFLIP6WHT	08-2FLIP6-MA0S	08-021020-04002	08-0FLIP6-MA0S	08-021025-04008

REVISION LIST

Version 1.0

* Initial release. Sept. 2021

Version 1.1

* Add Key Board and LED Board for Japan SKU, dedicated speaker wires for Main Board with ADI or TI Amplifier IC. Oct. 2021