



Service Manual

FLIP 5 (S/N Starting from GG)

SKU: JBLFLIP5BLK、JBLFLIP5BLU、JBLFLIP5RED、JBLFLIP5GRY、JBLFLIP5TEAL、JBLFLIP5WHT、JBLFLIP5GREN、JBLFLIP5YEL、JBLFLIP5PINK、JBLFLIP5SAND、JBLFLIP5SQUAD、JBLFLIP5BLKAM、JBLFLIP5BLUAM、JBLFLIP5REDAM、JBLFLIP5GRYAM、JBLFLIP5TEALAM、JBLFLIP5WHTAM、JBLFLIP5GRENAM、JBLFLIP5YELAM、JBLFLIP5PINKAM、JBLFLIP5SANDAM、JBLFLIP5SQUADAM、JBLFLIP5CAMO、JBLFLIP5CAMOAM、JBLFLIP5BSRU



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TECHNICAL SPECIFICATIONS

- Model name: Flip 5
- Bluetooth version: 4.2
- Signal-to-noise ratio : >80dB
- Support : A2DP V1.3, AVRCP V1.6
- Transducer :44X80mm
- Rated power : 20W RMS
- Battery type: Lithium-ion polymer 17.3WH(Equivalent to 3.6V 4800MAH)
- Battery charge time: 2.5 hours (5V/2.3A)
- Frequency response: 60Hz-20kHz
- Music playtime : Up to 12 hours (Varies by volume level and audio content)
- Bluetooth transmitter power : 0 -20DBM
- Bluetooth transmitter frequency range : 2.402 - 2.480GHZ
- Bluetooth transmitter modulation : GFSK, $\pi/4$ DQPSK , 8DPSK
- Dimensions (W × D × H): 181 x 69 x 74 mm
- Weight: 530g

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.



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.

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 Canadiens

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.

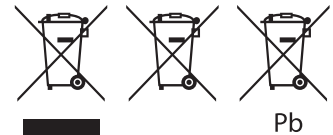
For CD/DVD/Blu-ray Disc™ Players:

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

Caution:

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 charge 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 of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity sufficient to damage an ES devices.

PRODUCT SAFETY NOTICE

Each precaution in this manual should be followed during servicing.

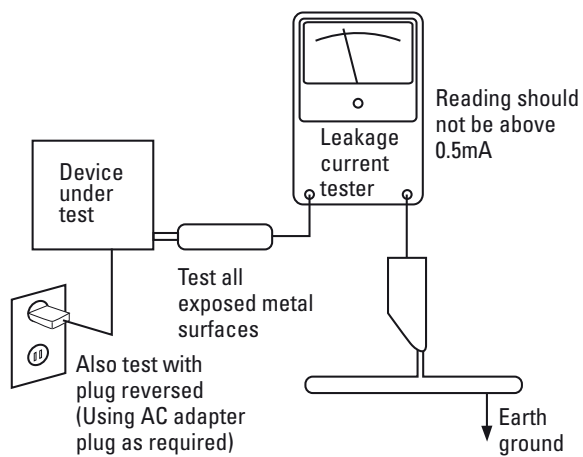
Components identified with the IEC symbol  in the parts list are of special significance to safety. When replacing a component identified with , use only the replacement parts designated, or parts with the same ratings or resistance, wattage, or voltage that are designated in the parts list in this manual. 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.

BUTTON FUNCTION MAPPING

Button Pattern	Action	Indicator
Volume + & Bluetooth	Long press > 10s	Enter HID DFU mode in On Mode.
Volume + & Phone	Long press > 2s	Reset to factory default in On Mode.
Volume - & Bluetooth	Long press >10s	Enter by-pass mode in On Mode.
Volume - & Phone	Long press >10s	Enter Regular DFU mode in On Mode.
Volume - & Link	Long press > 2s	Show SW version in On Mode.
Volume + & Link	Long press >10s	Enter Demo mode in On Mode.

Remark: all combination function shall triggered by long pressing.

Combination button for debug and factory test

Disassembly Instructions

1: Take out the graphic carton



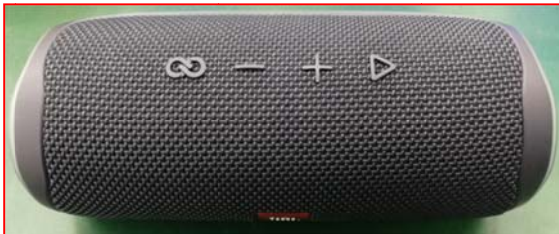
2: Take out the inner box



3: Open the inner box



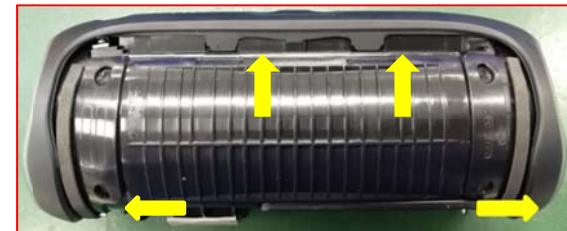
4: Take out the product



5: Remove the grille



6: Remove wrapping housing



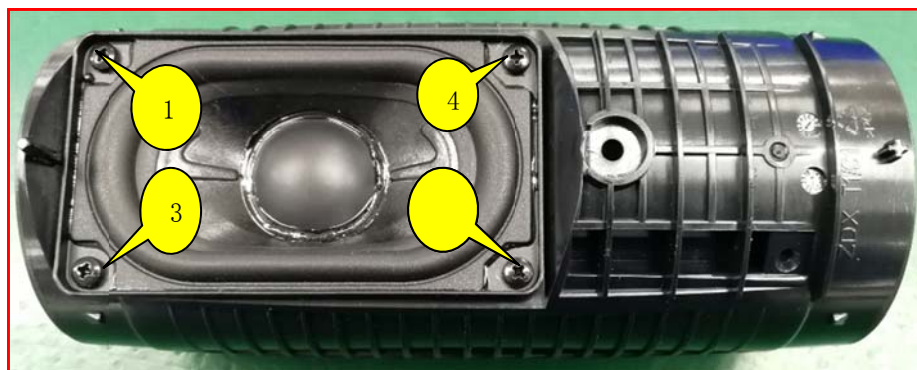
7: Remove 2 screws as shown



8: Take off the PR for both side



9: Remove 4 screws as shown



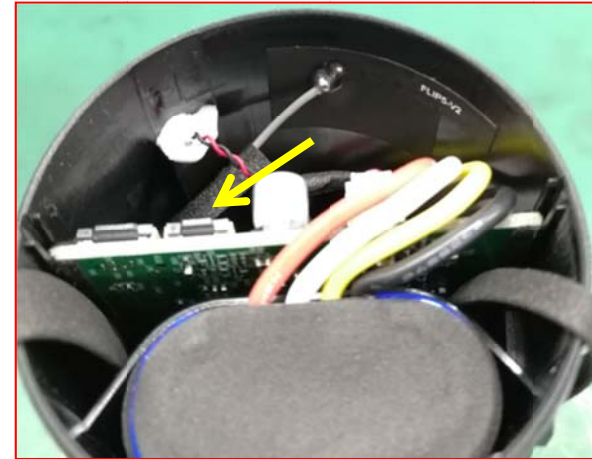
10: Pull out three cables on the speaker



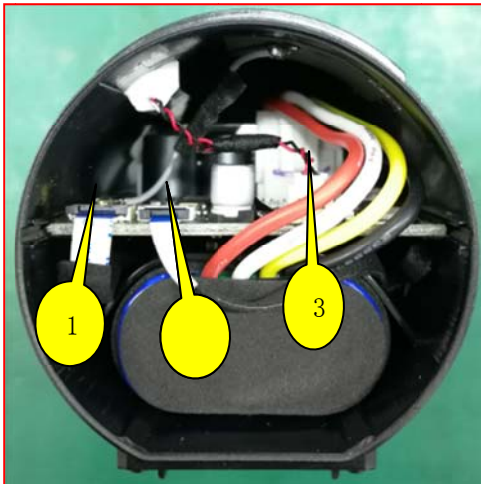
11: Pull out the cable as show



12: take out the antenna connector



13: Remove 3 cables



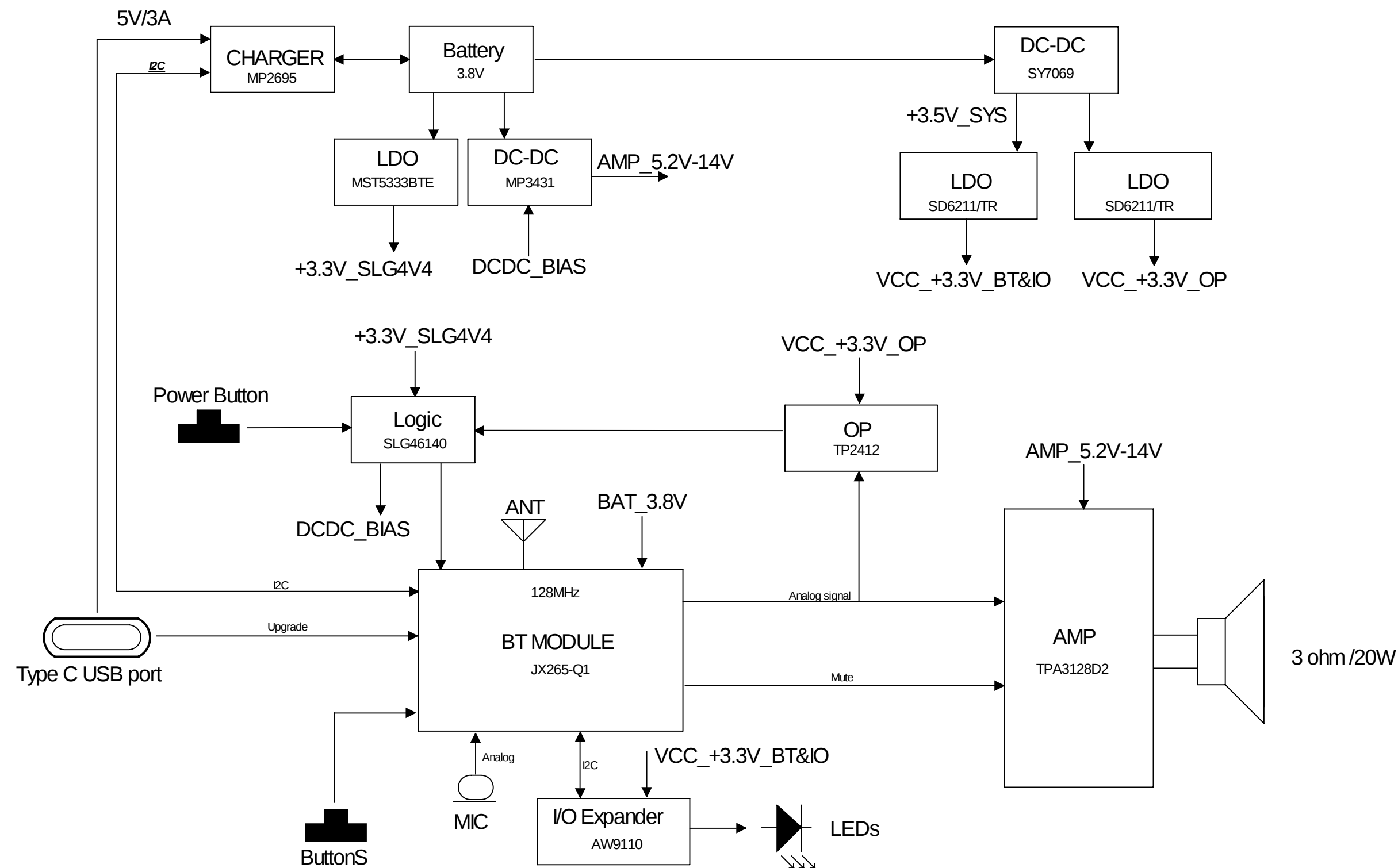
14: Pull out the main board and battery



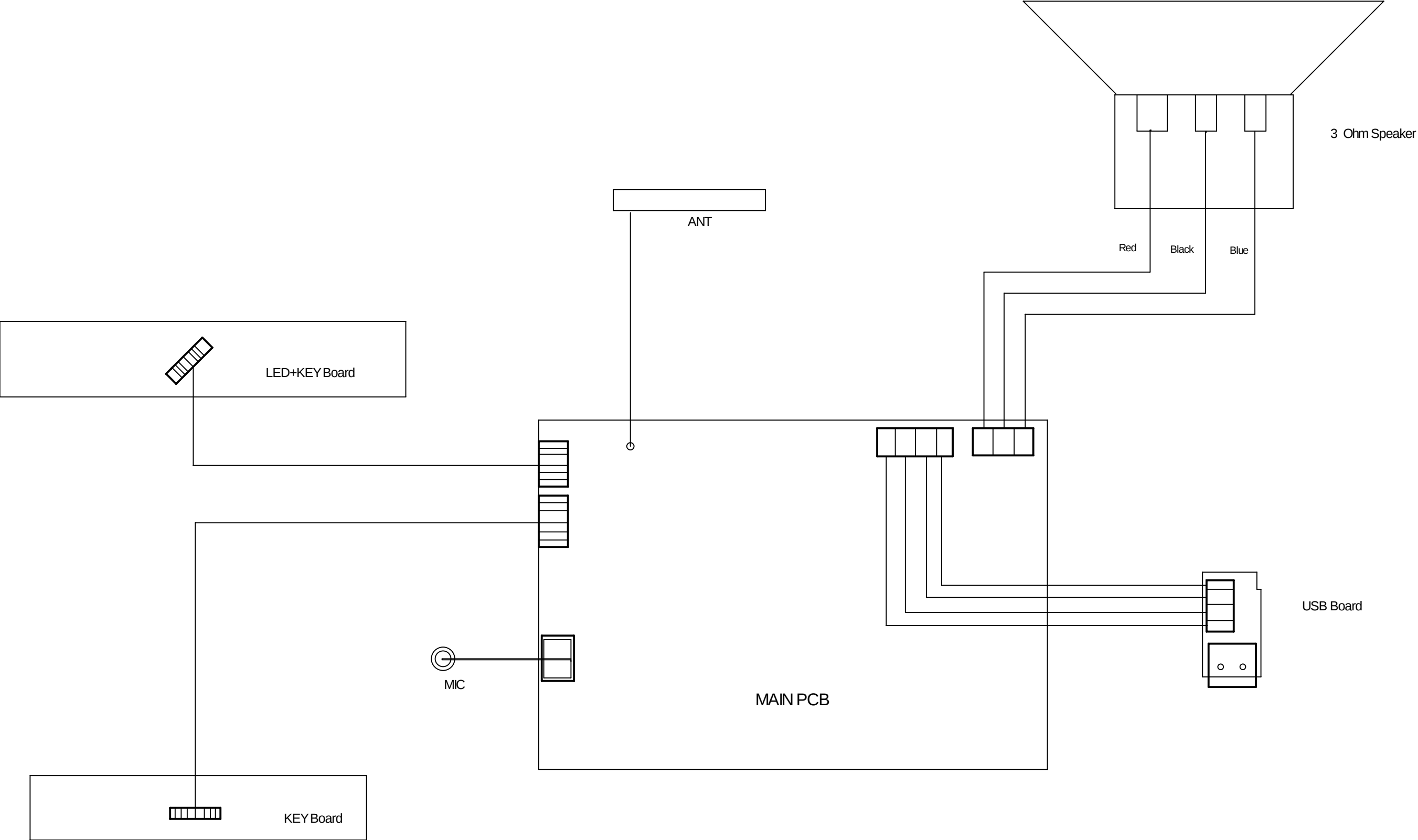
15: Remove 2 rubber buttons



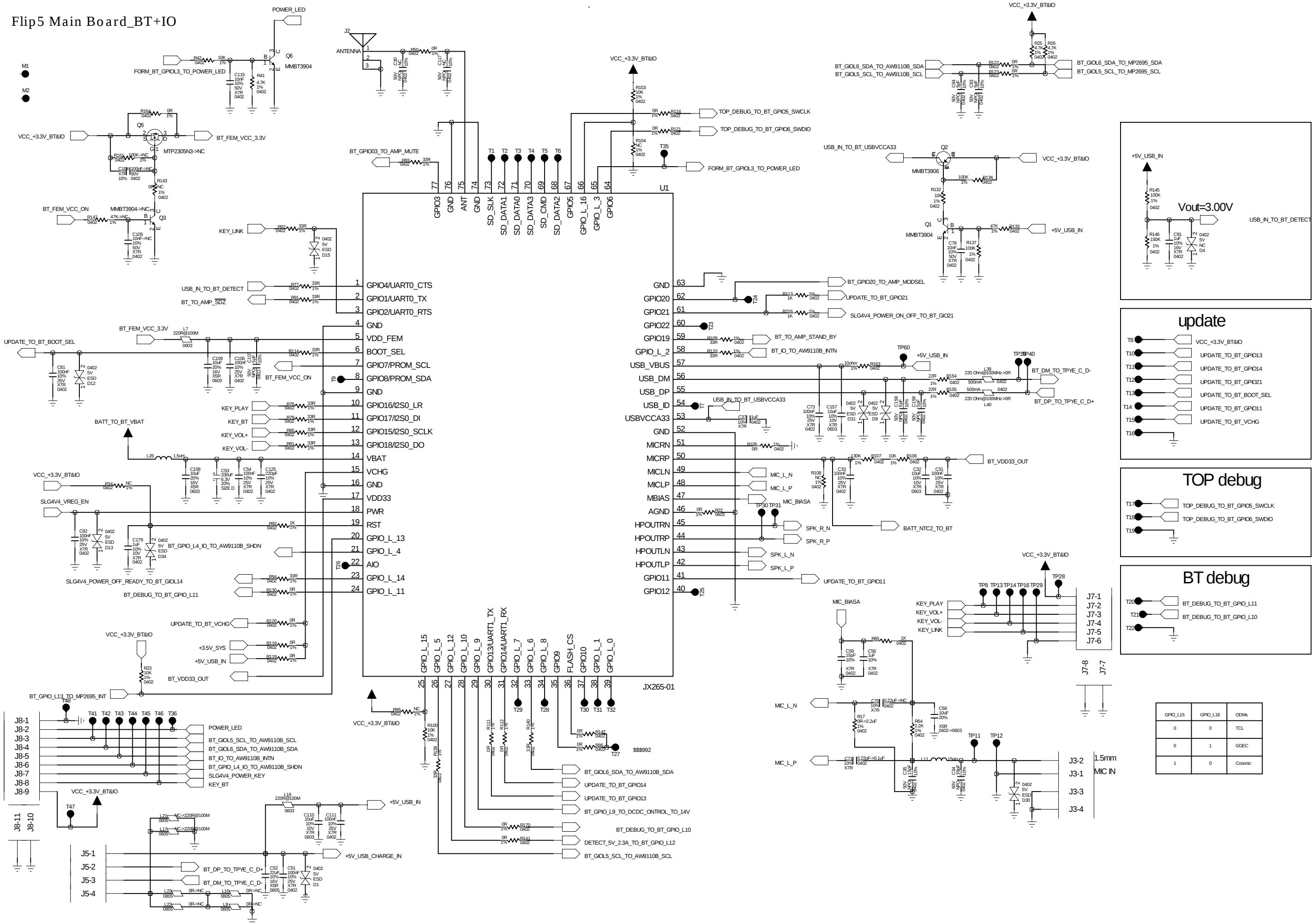
HMM JBL Flip5 Block Diagram



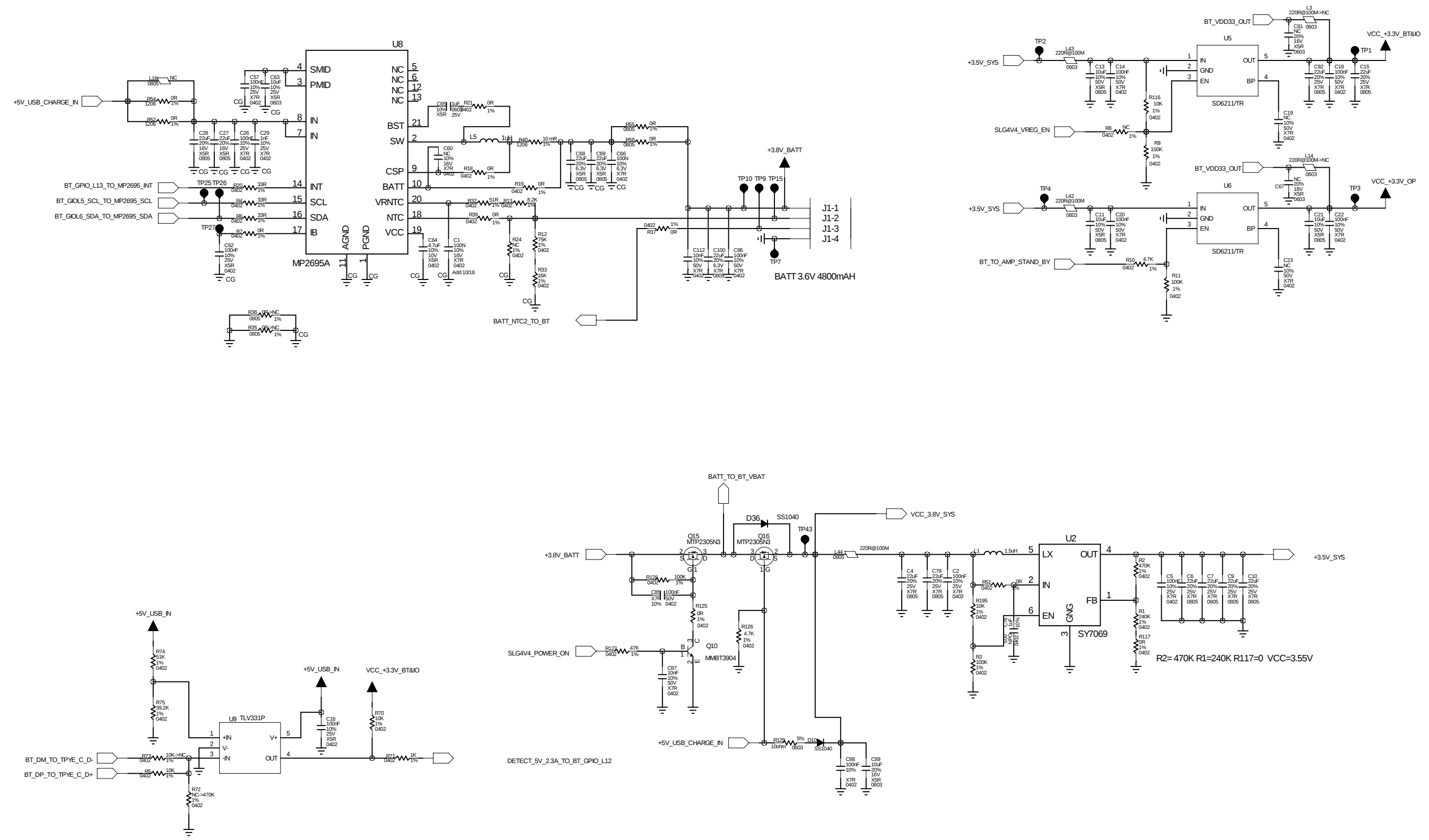
Flip5 Wiring Diagram



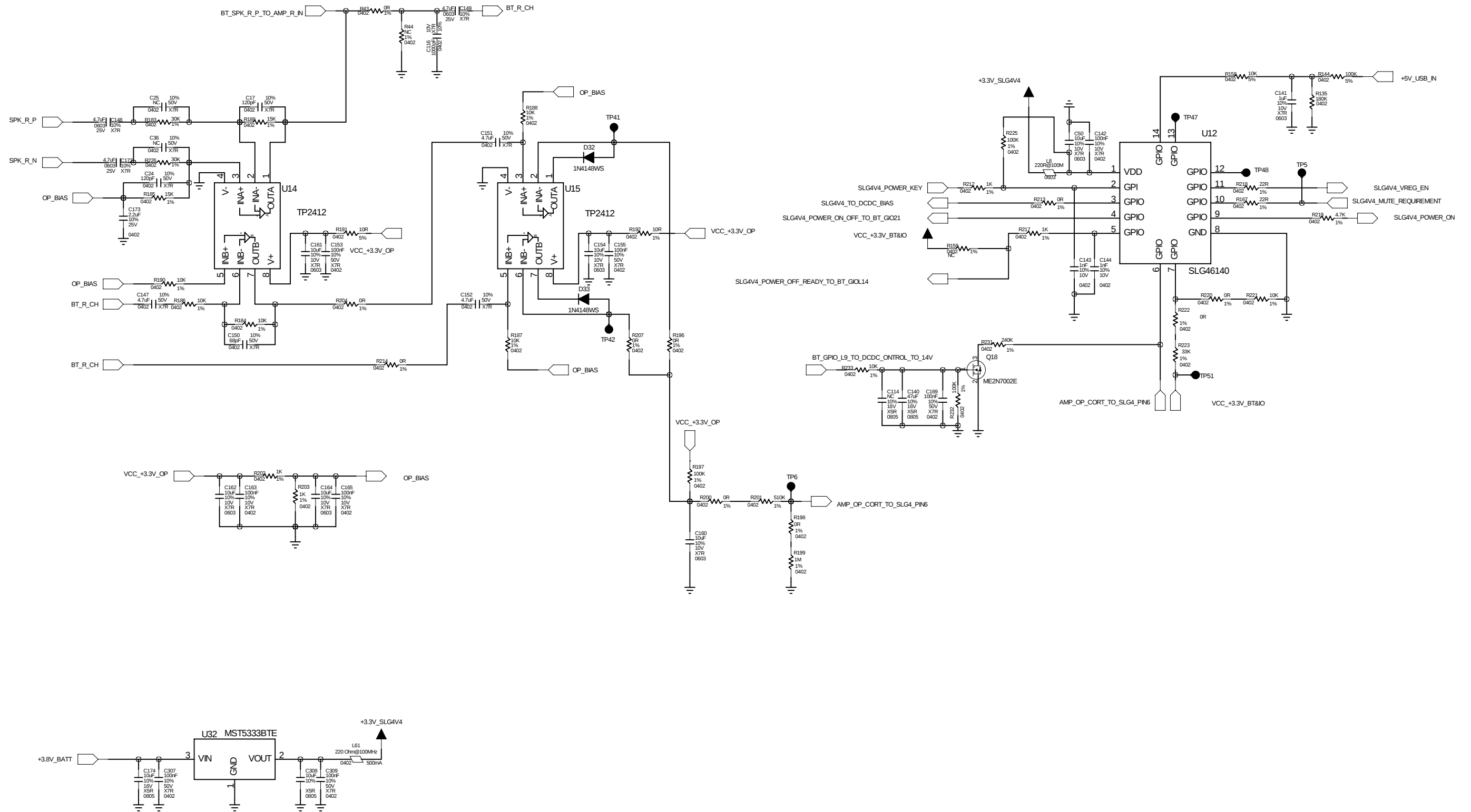
Flip5 Main Board_BT+IO



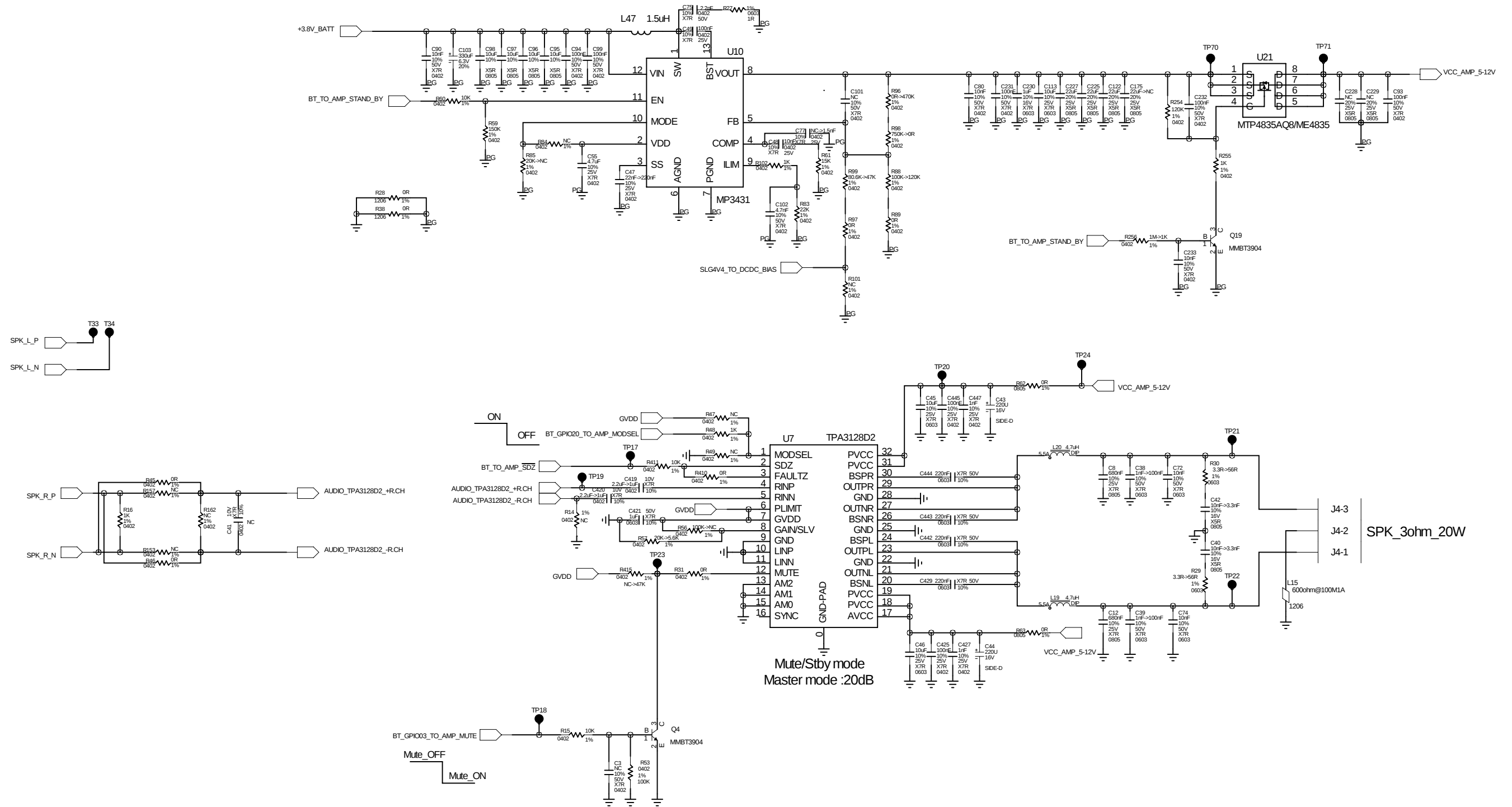
Flip5 Main Board_CHARGE+POWER



Flip5 Main Board_DYNAMIC-VOLTAGE

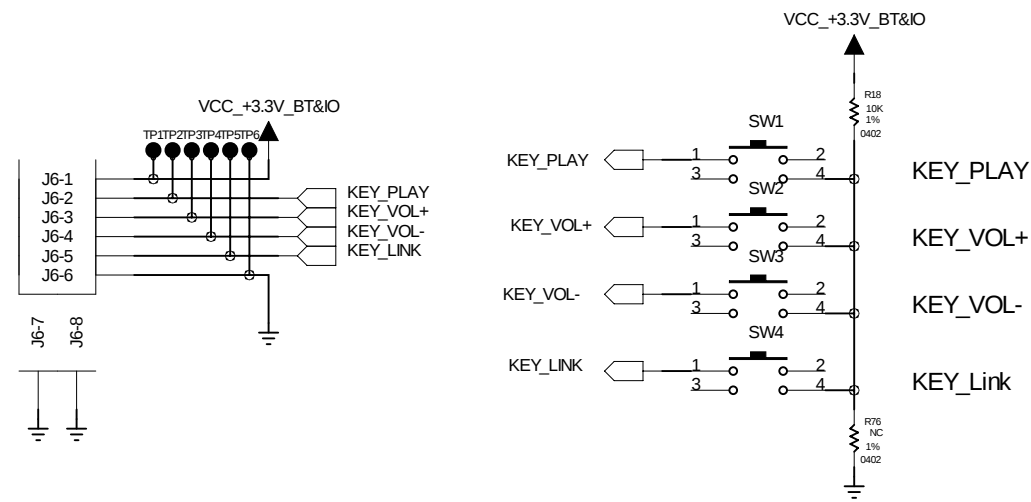


Flip5 Main Board_DCDC+AMP

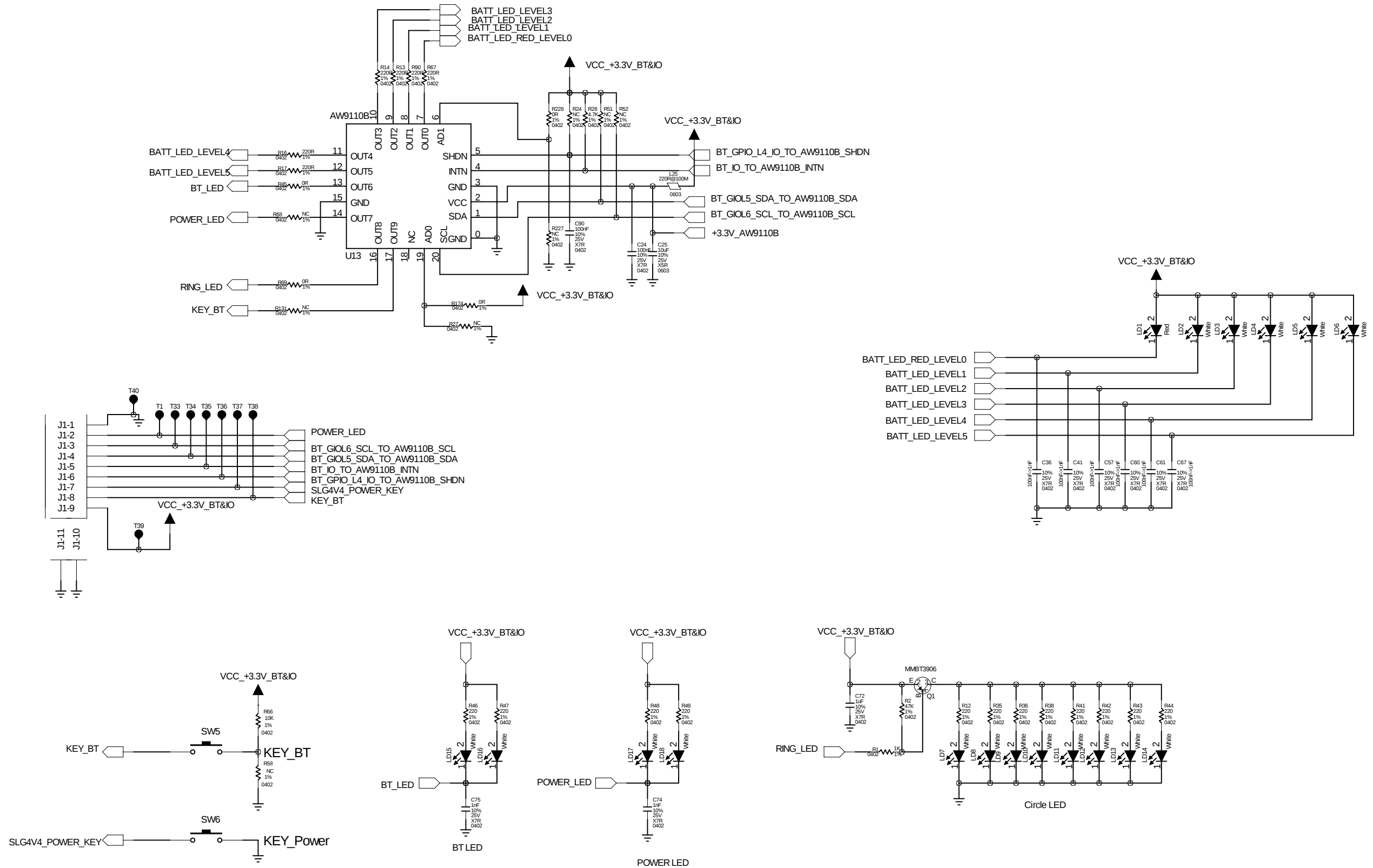


Flip5 KEY Board

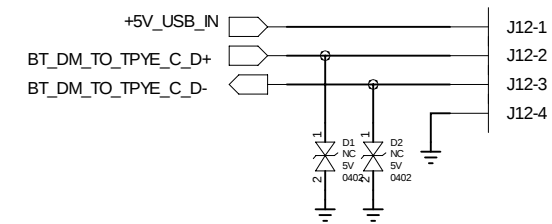
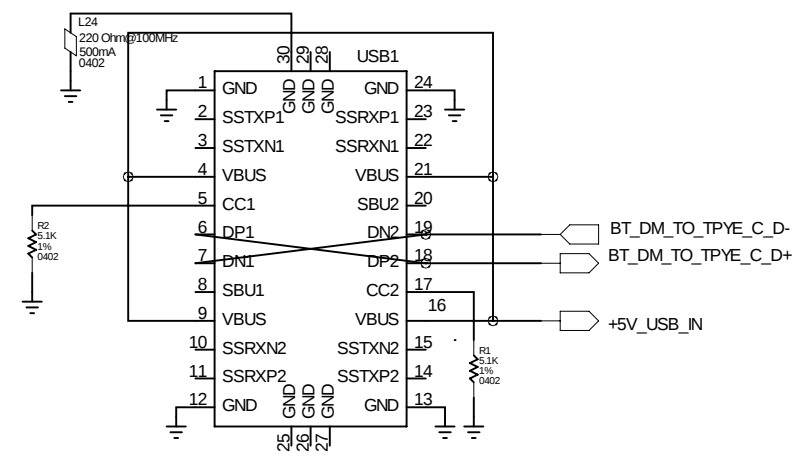
- M1
-
- M2
-



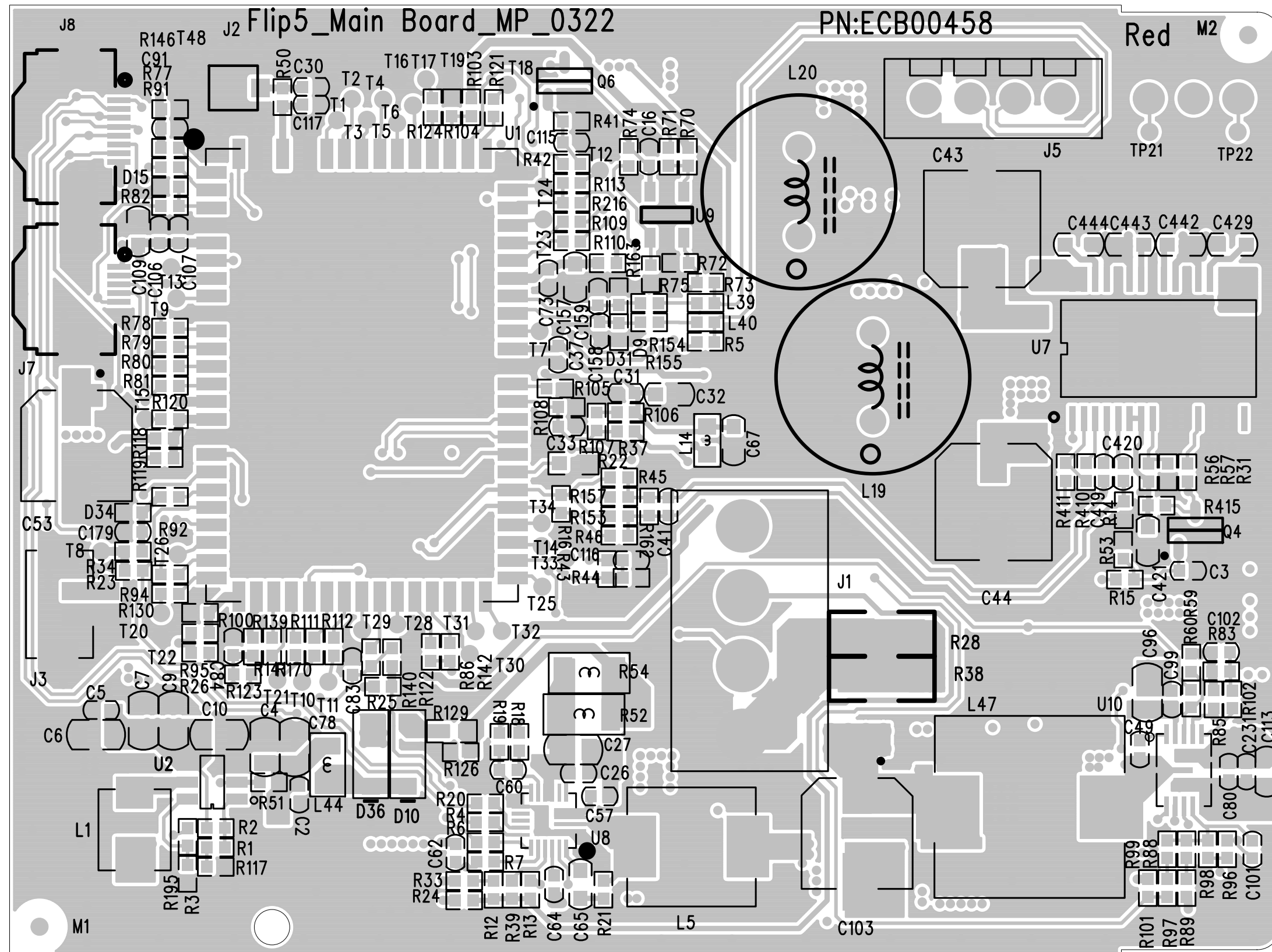
M1
M2



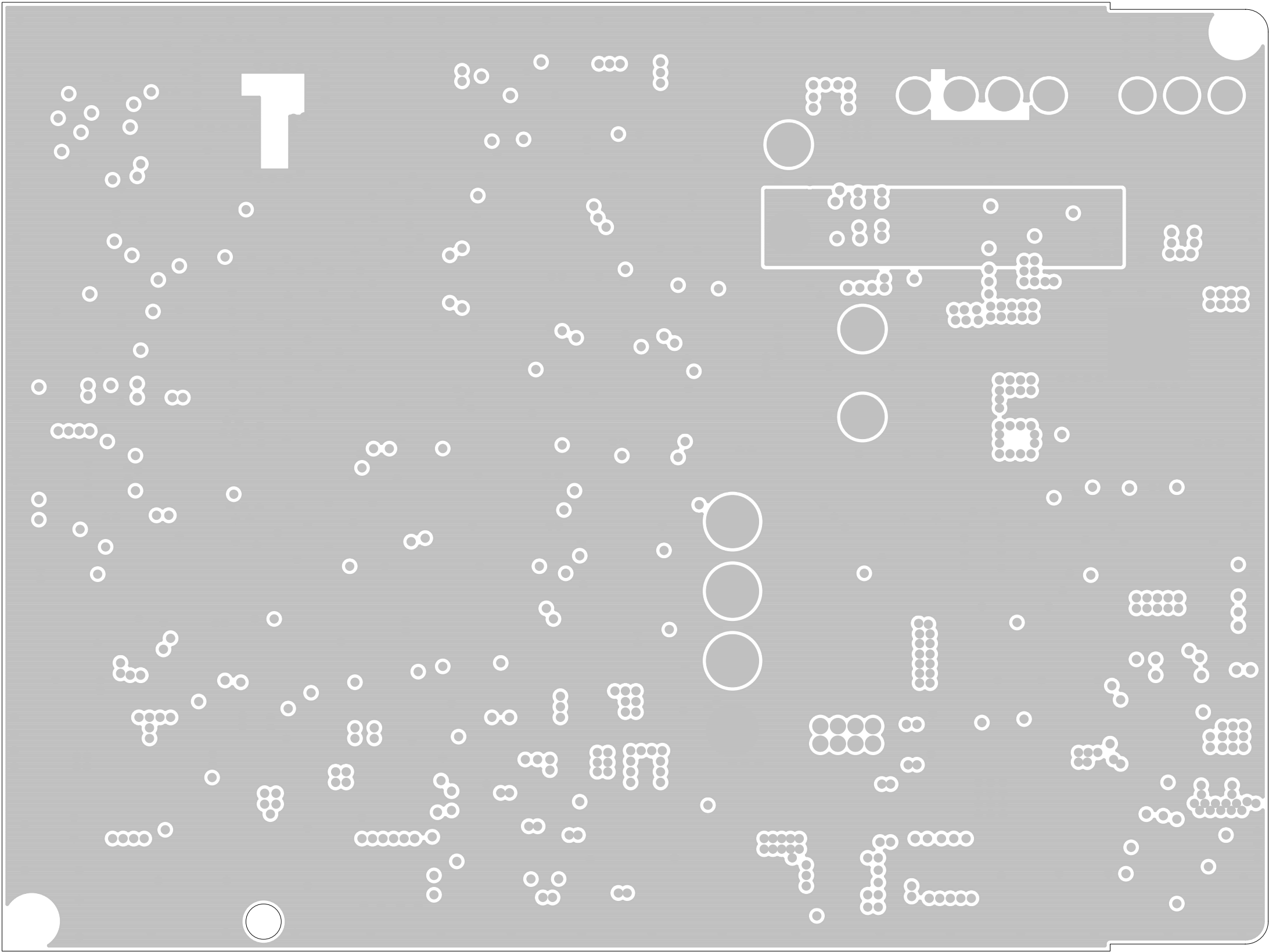
Flip5 USB Board



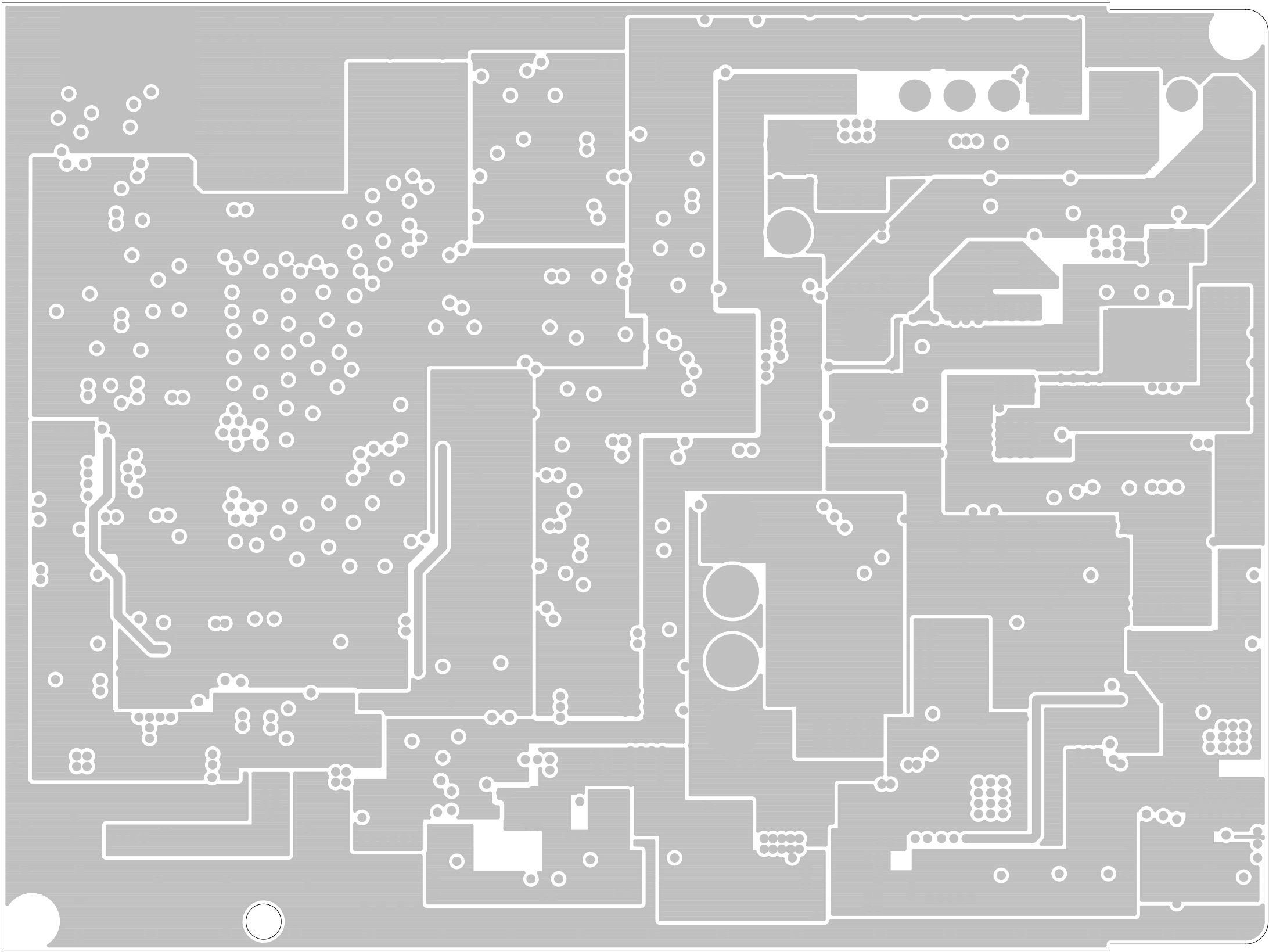
Flip5 Main PCB_TOP LATOUT



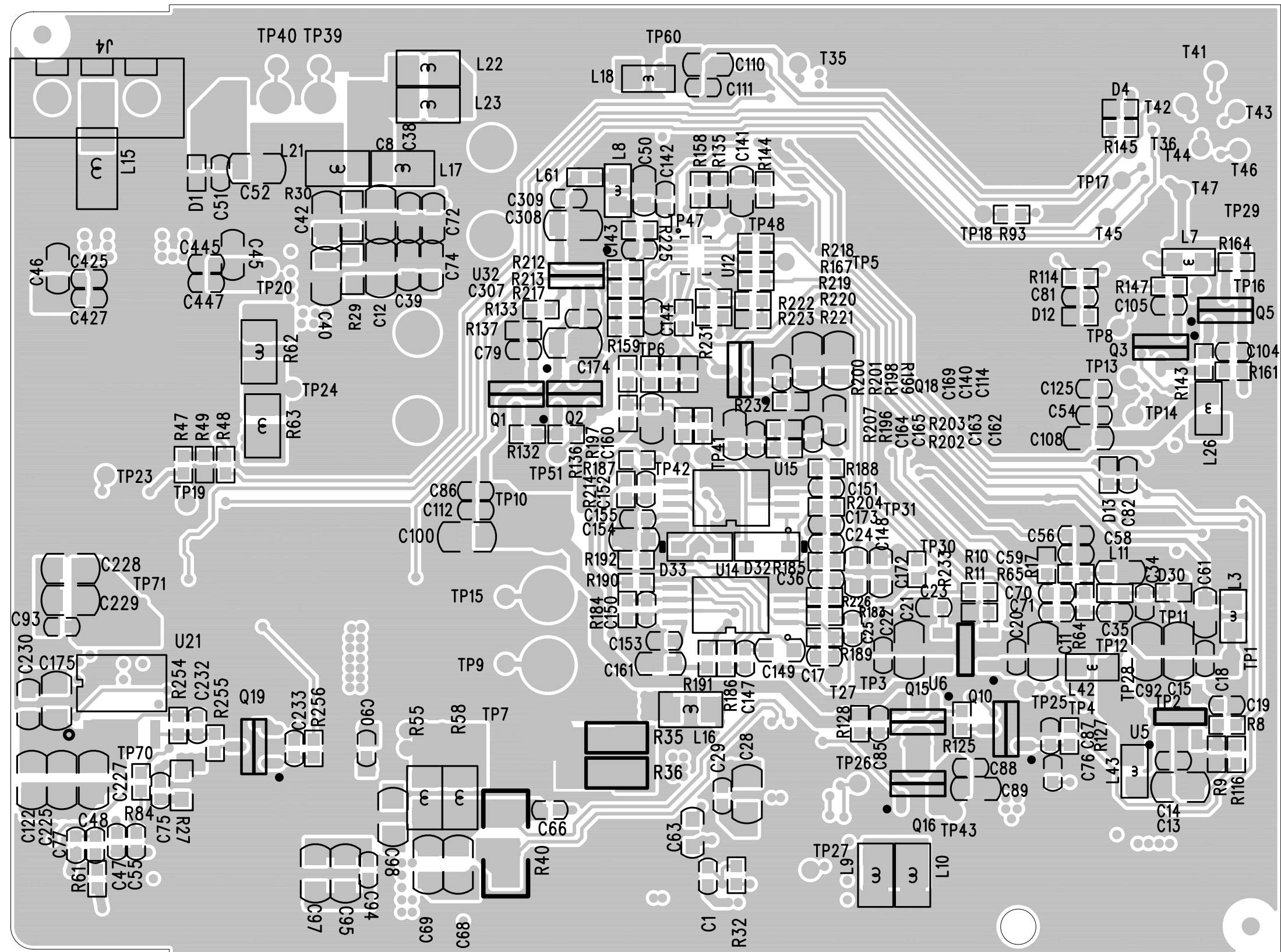
Flip5 Main PCB_GND2 LAYOUT



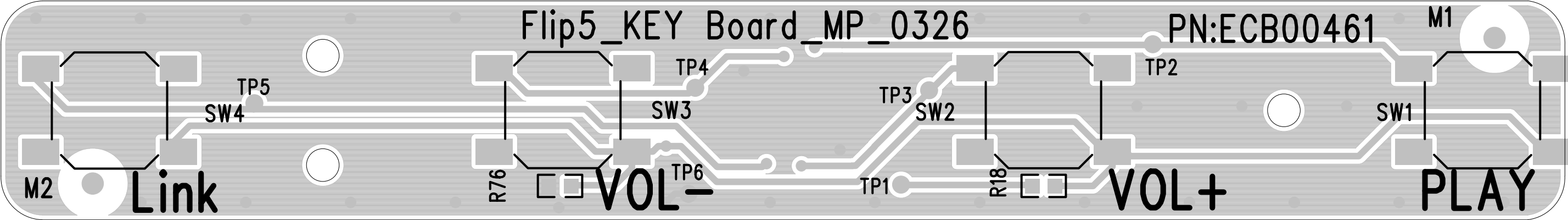
Flip5 Main PCB_POWER3 LAYOUT



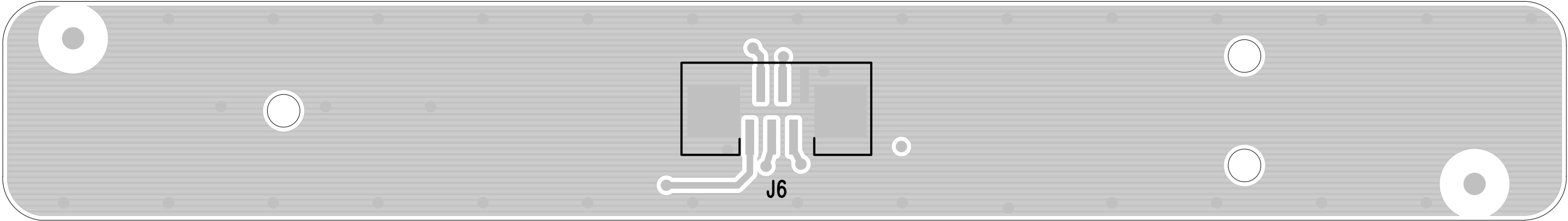
Flip5 Main PCB_BOTTOM LAYOUT



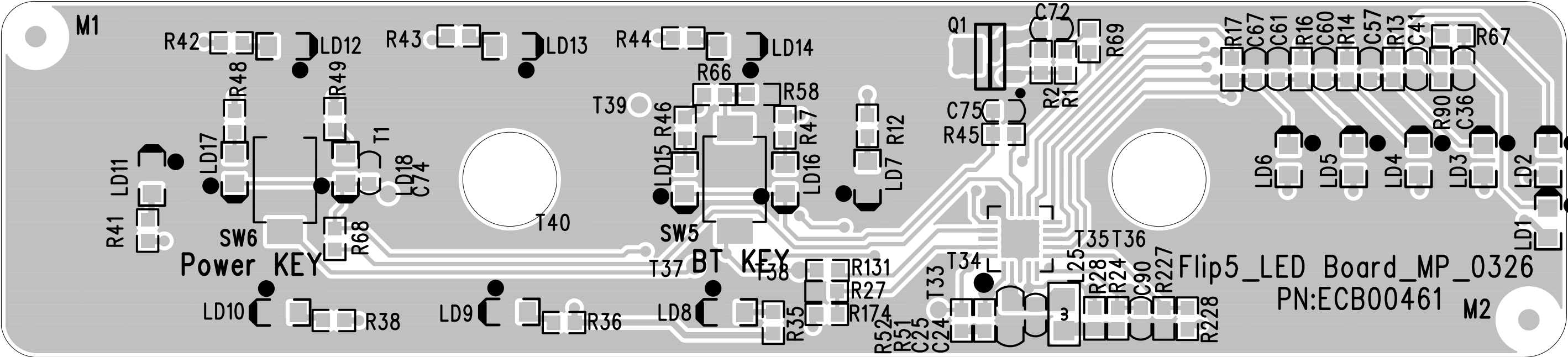
Flip5 Key PCB_TOP LAYOUT



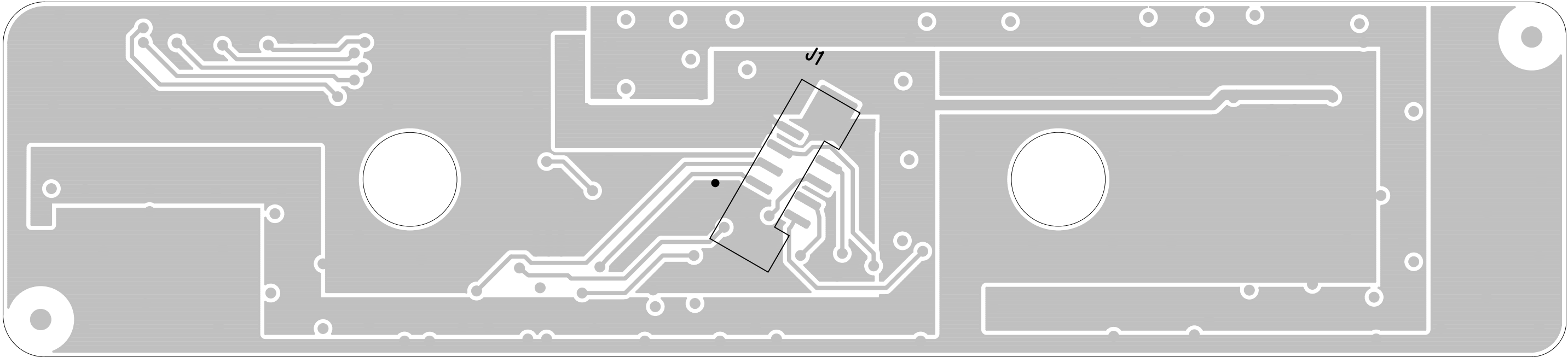
Flip5 Key PCB_BOTTOM LAYOUT



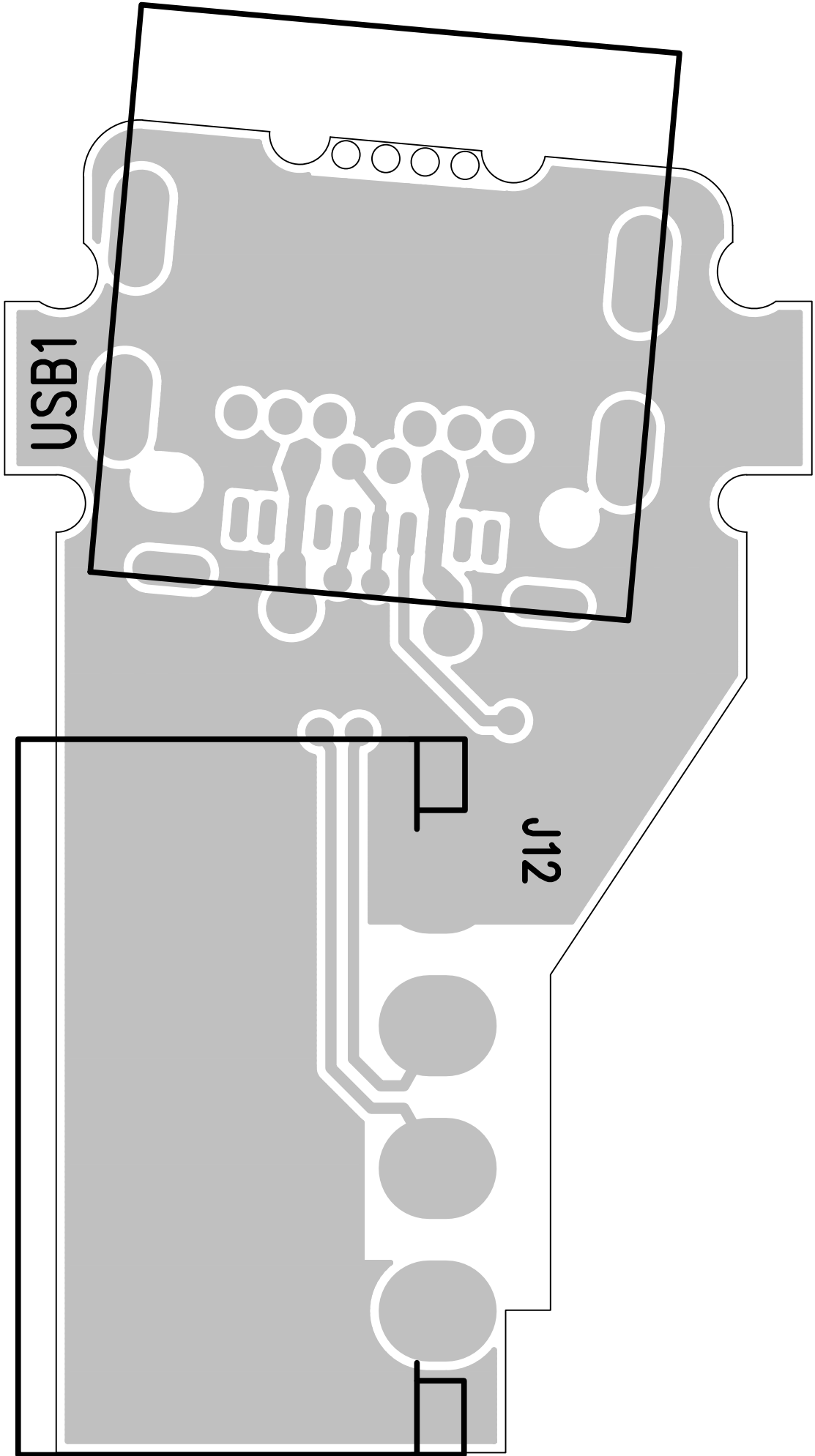
Flip5 LED PCB_TOP LAYOUT



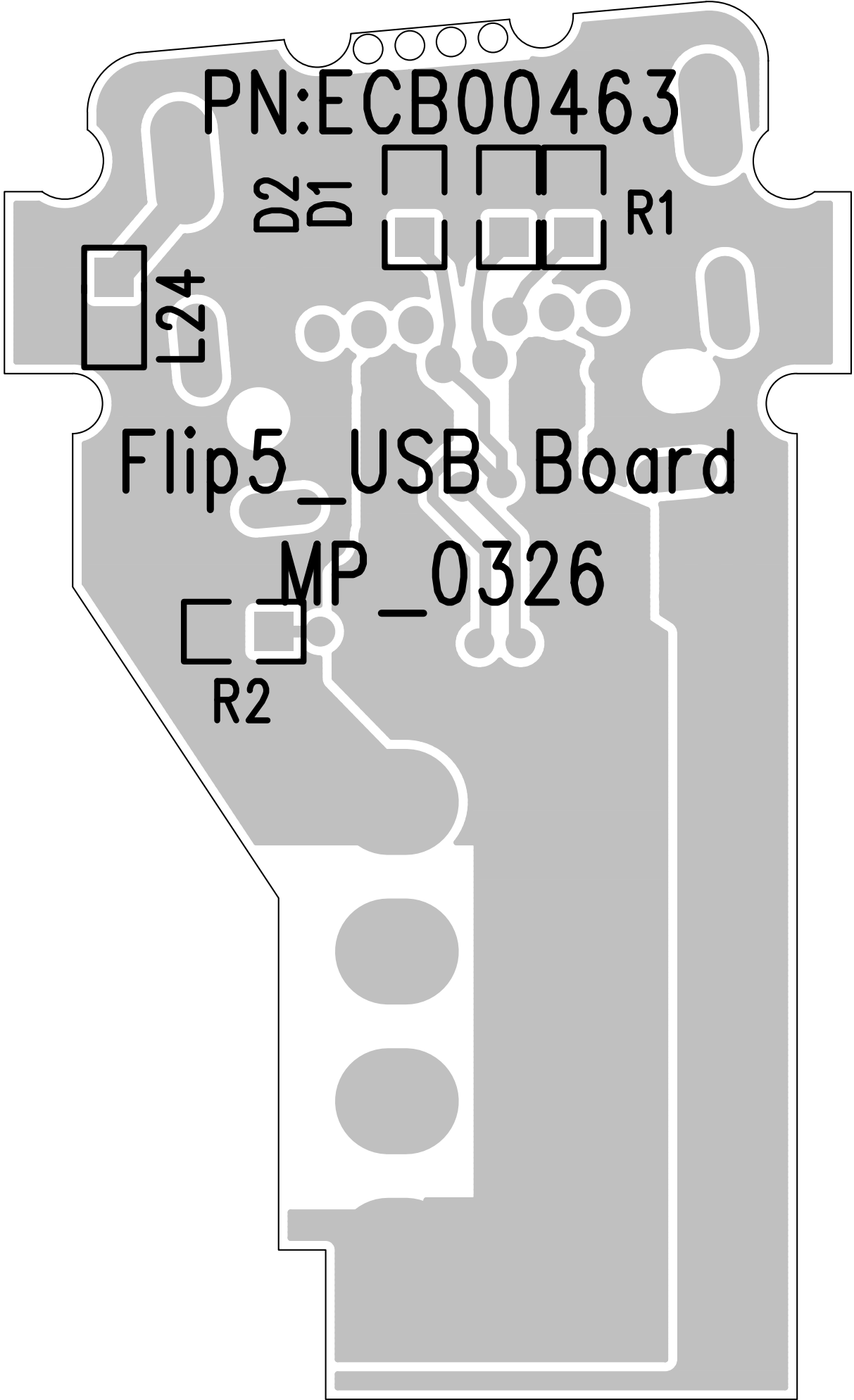
Flip5 LED PCB_BOTTOM LAYOUT



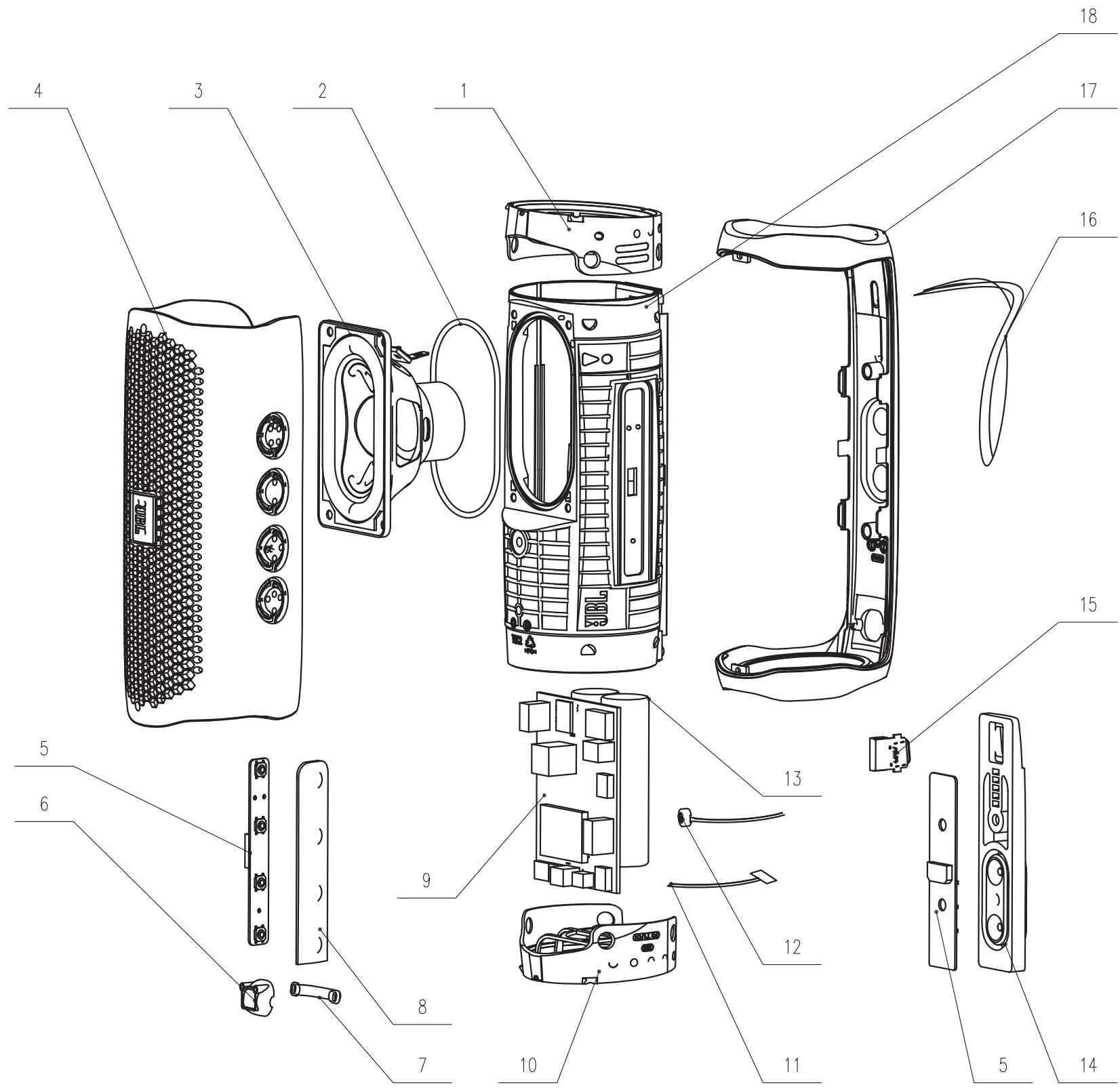
Flip5 USB PCB_TOP LAYOUT



Flip5 USB PCB_BOTTOM LAYOUT



MECHANICAL EXPLODED VIEW



Pos. No.	P/N	Description	Usage	UoM
1	PAS01386001	PASSIVE RADIATOR L BLK FLIP5 GG	1	EA
1	PAS02014021	PASSIVE RADIATOR L FLIP5 BLACKSTAR GG	1	EA
1	PAS01386002	PASSIVE RADIATOR L BLU FLIP5 GG	1	EA
1	PAS01386003	PASSIVE RADIATOR L PINK FLIP5 GG	1	EA
1	PAS01386004	PASSIVE RADIATOR L RED FLIP5 GG	1	EA
1	PAS01386005	PASSIVE RADIATOR L YEL FLIP5 GG	1	EA
1	PAS01386006	PASSIVE RADIATOR L GRY FLIP5 GG	1	EA
1	PAS01386007	PASSIVE RADIATOR L TEAL FLIP5 GG	1	EA
1	PAS01386008	PASSIVE RADIATOR L SAND FLIP5 GG	1	EA
1	PAS01386009	PASSIVE RADIATOR L GRN FLIP5 GG	1	EA
1	PAS01386010	PASSIVE RADIATOR L WHT FLIP5 GG	1	EA
1	PAS01386011	PASSIVE RADIATOR L SQUAD FLIP5 GG	1	EA
1	PAS00918531	PASSIVE RADIATOR L CAMO FLIP5 GG	1	EA
2	PAS01396001	SPK RUBBER RING FLIP5 GG	1	EA
3	PAS01372001	SPEAKER FLIP5 GG	1	EA
4	PAS01381001	GRILLE ASSY BLK FLIP5 GG	1	EA
4	PAS01381002	GRILLE ASSY BLU FLIP5 GG	1	EA
4	PAS01381003	GRILLE ASSY PINK FLIP5 GG	1	EA
4	PAS01381004	GRILLE ASSY RED FLIP5 GG	1	EA
4	PAS01381005	GRILLE ASSY YEL FLIP5 GG	1	EA
4	PAS01381006	GRILLE ASSY GRY FLIP5 GG	1	EA
4	PAS01381007	GRILLE ASSY TEAL FLIP5 GG	1	EA
4	PAS01381008	GRILLE ASSY SAND FLIP5 GG	1	EA
4	PAS01381009	GRILLE ASSY GRN FLIP5 GG	1	EA
4	PAS01381010	GRILLE ASSY WHT FLIP5 GG	1	EA
4	PAS01381011	GRILLE ASSY SQUAD FLIP5 GG	1	EA
4	PAS00918532	GRILLE ASSY CAMO FLIP5 GG	1	EA
5	PAS01389001	LED AND KEY BOARD FLIP5 GG	1	EA
6	PAS01383001	RING RECESS BLK AND SQUAD FLIP5 GG	1	EA
6	PAS01383002	RING RECESS BLU FLIP5 GG	1	EA
6	PAS01383003	RING RECESS PINK FLIP5 GG	1	EA
6	PAS01383004	RING RECESS RED FLIP5 GG	1	EA
6	PAS01383005	RING RECESS YEL FLIP5 GG	1	EA
6	PAS01383006	RING RECESS GRY FLIP5 GG	1	EA
6	PAS01383007	RING RECESS TEAL FLIP5 GG	1	EA
6	PAS01383008	RING RECESS SAND FLIP5 GG	1	EA
6	PAS01383009	RING RECESS GRN FLIP5 GG	1	EA
6	PAS01383010	RING RECESS WHT FLIP5 GG	1	EA
7	PAS01384001	METAL RING BLK FLIP5 GG	1	EA
7	PAS01384002	METAL RING BLU FLIP5 GG	1	EA
7	PAS01384003	METAL RING PINK FLIP5 GG	1	EA
7	PAS01384004	METAL RING RED FLIP5 GG	1	EA
7	PAS01384005	METAL RING YEL FLIP5 GG	1	EA
7	PAS01384006	METAL RING GRY FLIP5 GG	1	EA
7	PAS01384007	METAL RING TEAL FLIP5 GG	1	EA
7	PAS01384008	METAL RING SAND FLIP5 GG	1	EA
7	PAS01384009	METAL RING GRN FLIP5 GG	1	EA
7	PAS01384010	METAL RING WHT FLIP5 GG	1	EA
7	PAS01384011	METAL RING SQUAD FLIP5 GG	1	EA
8	PAS01395001	KEY RUBBER BUTTON FLIP5 GG	1	EA
9	PAS01388001	MAIN BOARD FLIP5 GG	1	EA
10	PAS01387001	PASSIVE RADIATOR R BLK FLIP5 GG	1	EA
10	PAS01387002	PASSIVE RADIATOR R BLU FLIP5 GG	1	EA
10	PAS01387003	PASSIVE RADIATOR R PINK FLIP5 GG	1	EA
10	PAS01387004	PASSIVE RADIATOR R RED FLIP5 GG	1	EA
10	PAS01387005	PASSIVE RADIATOR R YEL FLIP5 GG	1	EA
10	PAS01387006	PASSIVE RADIATOR R GRY FLIP5 GG	1	EA
10	PAS01387007	PASSIVE RADIATOR R TEAL FLIP5 GG	1	EA
10	PAS01387008	PASSIVE RADIATOR R SAND FLIP5 GG	1	EA
10	PAS01387009	PASSIVE RADIATOR R GRN FLIP5 GG	1	EA
10	PAS01387010	PASSIVE RADIATOR R WHT FLIP5 GG	1	EA
10	PAS01387011	PASSIVE RADIATOR R SQUAD FLIP5 GG	1	EA
10	PAS00918533	PASSIVE RADIATOR R CAMO FLIP5 GG	1	EA
11	PAS01391001	BT ANTENNA FLIP5 GG	1	EA
12	PAS01394001	MIC L60MM CABLE FLIP5 GG	1	EA
13	PAS01392001	BATT 4800MAH 3.6V FLIP5 GG	1	EA
14	PAS01397001	POWER RUBBER BUTTON FLIP5 GG	1	EA
15	PAS01390001	USB BOARD FLIP5 GG	1	EA
16	PAS01385001	LANYARD BLK FLIP5 GG	1	EA
16	PAS01385002	LANYARD BLU FLIP5 GG	1	EA
16	PAS01385003	LANYARD PINK FLIP5 GG	1	EA
16	PAS01385004	LANYARD RED FLIP5 GG	1	EA
16	PAS01385005	LANYARD YEL FLIP5 GG	1	EA
16	PAS01385006	LANYARD GRY FLIP5 GG	1	EA
16	PAS01385007	LANYARD TEAL FLIP5 GG	1	EA
16	PAS01385008	LANYARD SAND FLIP5 GG	1	EA
16	PAS01385009	LANYARD GRN FLIP5 GG	1	EA
16	PAS01385010	LANYARD WHT FLIP5 GG	1	EA
16	PAS01385011	LANYARD SQUAD FLIP5 GG	1	EA
17	PAS01382001	HOUSING BLK AND SQUAD FLIP5 GG	1	EA
17	PAS01382002	HOUSING BLU FLIP5 GG	1	EA
17	PAS01382003	HOUSING PINK FLIP5 GG	1	EA
17	PAS01382004	HOUSING RED FLIP5 GG	1	EA
17	PAS01382005	HOUSING YEL FLIP5 GG	1	EA
17	PAS01382006	HOUSING GRY FLIP5 GG	1	EA
17	PAS01382007	HOUSING TEAL FLIP5 GG	1	EA
17	PAS01382008	HOUSING SAND FLIP5 GG	1	EA
17	PAS01382009	HOUSING GRN FLIP5 GG	1	EA
17	PAS01382010	HOUSING WHT FLIP5 GG	1	EA
18	PAS01393001	CABINET FLIP5 GG	1	EA

JBL FLIP 5 GG SPARE PARTS LIST V1.2

Pos. No.	P/N	Description	Usage	UoM
1	PAS01386001	PASSIVE RADIATOR L BLK FLIP5 GG	1	EA
1	PAS02014021	PASSIVE RADIATOR L FLIP5 BLACKSTAR GG	1	EA
1	PAS01386002	PASSIVE RADIATOR L BLU FLIP5 GG	1	EA
1	PAS01386003	PASSIVE RADIATOR L PINK FLIP5 GG	1	EA
1	PAS01386004	PASSIVE RADIATOR L RED FLIP5 GG	1	EA
1	PAS01386005	PASSIVE RADIATOR L YEL FLIP5 GG	1	EA
1	PAS01386006	PASSIVE RADIATOR L GRY FLIP5 GG	1	EA
1	PAS01386007	PASSIVE RADIATOR L TEAL FLIP5 GG	1	EA
1	PAS01386008	PASSIVE RADIATOR L SAND FLIP5 GG	1	EA
1	PAS01386009	PASSIVE RADIATOR L GRN FLIP5 GG	1	EA
1	PAS01386010	PASSIVE RADIATOR L WHT FLIP5 GG	1	EA
1	PAS01386011	PASSIVE RADIATOR L SQUAD FLIP5 GG	1	EA
1	PAS00918531	PASSIVE RADIATOR L CAMO FLIP5 GG	1	EA
2	PAS01396001	SPK RUBBER RING FLIP5 GG	1	EA
3	PAS01372001	SPEAKER FLIP5 GG	1	EA
4	PAS01381001	GRILLE ASSY BLK FLIP5 GG	1	EA
4	PAS01381002	GRILLE ASSY BLU FLIP5 GG	1	EA
4	PAS01381003	GRILLE ASSY PINK FLIP5 GG	1	EA
4	PAS01381004	GRILLE ASSY RED FLIP5 GG	1	EA
4	PAS01381005	GRILLE ASSY YEL FLIP5 GG	1	EA
4	PAS01381006	GRILLE ASSY GRY FLIP5 GG	1	EA
4	PAS01381007	GRILLE ASSY TEAL FLIP5 GG	1	EA
4	PAS01381008	GRILLE ASSY SAND FLIP5 GG	1	EA
4	PAS01381009	GRILLE ASSY GRN FLIP5 GG	1	EA
4	PAS01381010	GRILLE ASSY WHT FLIP5 GG	1	EA
4	PAS01381011	GRILLE ASSY SQUAD FLIP5 GG	1	EA
4	PAS00918532	GRILLE ASSY CAMO FLIP5 GG	1	EA
5	PAS01389001	LED AND KEY BOARD FLIP5 GG	1	EA
6	PAS01383001	RING RECESS BLK AND SQUAD FLIP5 GG	1	EA
6	PAS01383002	RING RECESS BLU FLIP5 GG	1	EA
6	PAS01383003	RING RECESS PINK FLIP5 GG	1	EA
6	PAS01383004	RING RECESS RED FLIP5 GG	1	EA
6	PAS01383005	RING RECESS YEL FLIP5 GG	1	EA
6	PAS01383006	RING RECESS GRY FLIP5 GG	1	EA
6	PAS01383007	RING RECESS TEAL FLIP5 GG	1	EA
6	PAS01383008	RING RECESS SAND FLIP5 GG	1	EA
6	PAS01383009	RING RECESS GRN FLIP5 GG	1	EA
6	PAS01383010	RING RECESS WHT FLIP5 GG	1	EA
7	PAS01384001	METAL RING BLK FLIP5 GG	1	EA
7	PAS01384002	METAL RING BLU FLIP5 GG	1	EA
7	PAS01384003	METAL RING PINK FLIP5 GG	1	EA
7	PAS01384004	METAL RING RED FLIP5 GG	1	EA
7	PAS01384005	METAL RING YEL FLIP5 GG	1	EA
7	PAS01384006	METAL RING GRY FLIP5 GG	1	EA
7	PAS01384007	METAL RING TEAL FLIP5 GG	1	EA
7	PAS01384008	METAL RING SAND FLIP5 GG	1	EA
7	PAS01384009	METAL RING GRN FLIP5 GG	1	EA
7	PAS01384010	METAL RING WHT FLIP5 GG	1	EA
7	PAS01384011	METAL RING SQUAD FLIP5 GG	1	EA
8	PAS01395001	KEY RUBBER BUTTON FLIP5 GG	1	EA
9	PAS01388001	MAIN BOARD FLIP5 GG	1	EA
10	PAS01387001	PASSIVE RADIATOR R BLK FLIP5 GG	1	EA
10	PAS01387002	PASSIVE RADIATOR R BLU FLIP5 GG	1	EA
10	PAS01387003	PASSIVE RADIATOR R PINK FLIP5 GG	1	EA

10	PAS01387004	PASSIVE RADIATOR R RED FLIP5 GG	1	EA
10	PAS01387005	PASSIVE RADIATOR R YEL FLIP5 GG	1	EA
10	PAS01387006	PASSIVE RADIATOR R GRY FLIP5 GG	1	EA
10	PAS01387007	PASSIVE RADIATOR R TEAL FLIP5 GG	1	EA
10	PAS01387008	PASSIVE RADIATOR R SAND FLIP5 GG	1	EA
10	PAS01387009	PASSIVE RADIATOR R GRN FLIP5 GG	1	EA
10	PAS01387010	PASSIVE RADIATOR R WHT FLIP5 GG	1	EA
10	PAS01387011	PASSIVE RADIATOR R SQUAD FLIP5 GG	1	EA
10	PAS00918533	PASSIVE RADIATOR R CAMO FLIP5 GG	1	EA
11	PAS01391001	BT ANTENNA FLIP5 GG	1	EA
12	PAS01394001	MIC L60MM CABLE FLIP5 GG	1	EA
13	PAS01392001	BATT 4800MAH 3.6V FLIP5 GG	1	EA
14	PAS01397001	POWER RUBBER BUTTON FLIP5 GG	1	EA
15	PAS01390001	USB BOARD FLIP5 GG	1	EA
16	PAS01385001	LANYARD BLK FLIP5 GG	1	EA
16	PAS01385002	LANYARD BLU FLIP5 GG	1	EA
16	PAS01385003	LANYARD PINK FLIP5 GG	1	EA
16	PAS01385004	LANYARD RED FLIP5 GG	1	EA
16	PAS01385005	LANYARD YEL FLIP5 GG	1	EA
16	PAS01385006	LANYARD GRY FLIP5 GG	1	EA
16	PAS01385007	LANYARD TEAL FLIP5 GG	1	EA
16	PAS01385008	LANYARD SAND FLIP5 GG	1	EA
16	PAS01385009	LANYARD GRN FLIP5 GG	1	EA
16	PAS01385010	LANYARD WHT FLIP5 GG	1	EA
16	PAS01385011	LANYARD SQUAD FLIP5 GG	1	EA
17	PAS01382001	HOUSING BLK AND SQUAD FLIP5 GG	1	EA
17	PAS01382002	HOUSING BLU FLIP5 GG	1	EA
17	PAS01382003	HOUSING PINK FLIP5 GG	1	EA
17	PAS01382004	HOUSING RED FLIP5 GG	1	EA
17	PAS01382005	HOUSING YEL FLIP5 GG	1	EA
17	PAS01382006	HOUSING GRY FLIP5 GG	1	EA
17	PAS01382007	HOUSING TEAL FLIP5 GG	1	EA
17	PAS01382008	HOUSING SAND FLIP5 GG	1	EA
17	PAS01382009	HOUSING GRN FLIP5 GG	1	EA
17	PAS01382010	HOUSING WHT FLIP5 GG	1	EA
18	PAS01393001	CABINET FLIP5 GG	1	EA
	PAS01398001	9P FPC L140MM FLIP5 GG	1	EA
	PAS01399001	6P FPC L130MM FLIP5 GG	1	EA
	PAS01400001	USB STANDER FLIP5 GG	1	EA
	PAS02014020	LANYARD FLIP5 BLACKSTAR GG	1	EA
	PAS02014022	HOUSING FLIP5 BLACKSTAR GG	1	EA
	PAS01379001	GIFT BOX W/EPP BOX BLK FLIP5 GG	1	EA
	PAS01379002	GIFT BOX W/EPP BOX BLU FLIP5 GG	1	EA
	PAS01379003	GIFT BOX W/EPP BOX PINK FLIP5 GG	1	EA
	PAS01379004	GIFT BOX W/EPP BOX RED FLIP5 GG	1	EA
	PAS01379005	GIFT BOX W/EPP BOX YEL FLIP5 GG	1	EA
	PAS01379006	GIFT BOX W/EPP BOX GRY FLIP5 GG	1	EA
	PAS01379007	GIFT BOX W/EPP BOX TEAL FLIP5 GG	1	EA
	PAS01379008	GIFT BOX W/EPP BOX SAND FLIP5 GG	1	EA
	PAS01379009	GIFT BOX W/EPP BOX GRN FLIP5 GG	1	EA
	PAS01379010	GIFT BOX W/EPP BOX WHT FLIP5 GG	1	EA
	PAS01379011	GIFT BOX W/EPP BOX SQUAD FLIP5 GG	1	EA
	PAS01879001	GIFT BOX W/EPP BOX BLK FLIP5 AM GG	1	EA
	PAS01880001	GIFT BOX W/EPP BOX BLU FLIP5 AM GG	1	EA
	PAS01881001	GIFT BOX W/EPP BOX PINK FLIP5 AM GG	1	EA
	PAS01882001	GIFT BOX W/EPP BOX RED FLIP5 AM GG	1	EA

	PAS01883001	GIFT BOX W/EPP BOX YEL FLIP5 AM GG	1	EA
	PAS01884001	GIFT BOX W/EPP BOX GRY FLIP5 AM GG	1	EA
	PAS01885001	GIFT BOX W/EPP BOX TEAL FLIP5 AM GG	1	EA
	PAS01886001	GIFT BOX W/EPP BOX SAND FLIP5 AM GG	1	EA
	PAS01887001	GIFT BOX W/EPP BOX GRN FLIP5 AM GG	1	EA
	PAS01888001	GIFT BOX W/EPP BOX WHT FLIP5 AM GG	1	EA
	PAS01889001	GIFT BOX W/EPP BOX SQUAD FLIP5 AM GG	1	EA
	PAS02014019	GIFT BOX W/EPP BOX FLIP5 BLACKSTAR GG	1	EA
	PAS00918534	GIFT BOX FLIP5 BCAMO AM GG	1	EA
	PAS00918535	GIFT BOX FLIP5 BCAMO GG	1	EA
	PAS01380001	USB CABLE FLIP5 GG	1	EA

Revision List

Version 1.0

* Initial release for JBL FLIP 5 GG 2019-4

Version 1.1

* Add US Gift Box and Bright Star version for Russia. 2020-7

Version 1.2

* Add CAMO version and USB cable, update exploded view. 2022-2