

XTREME


Bluetooth Portable Speaker with charging



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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 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

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 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.

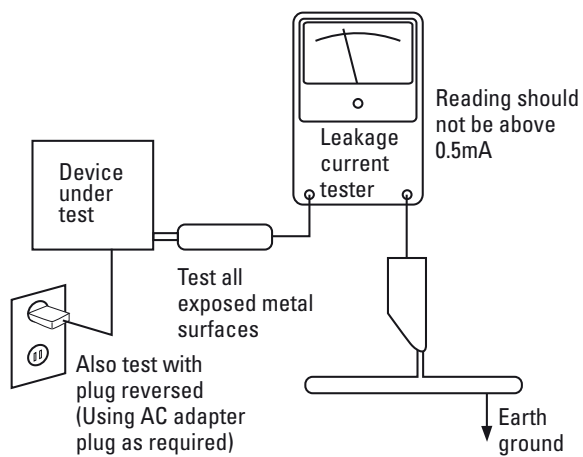
Components identified with the IEC symbol  in the parts list are of special significance to safety. When replacing a component identified with , use only the replacement parts designated, or parts with the same ratings or resistance, wattage, or voltage that are designated in the parts list in this manual.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

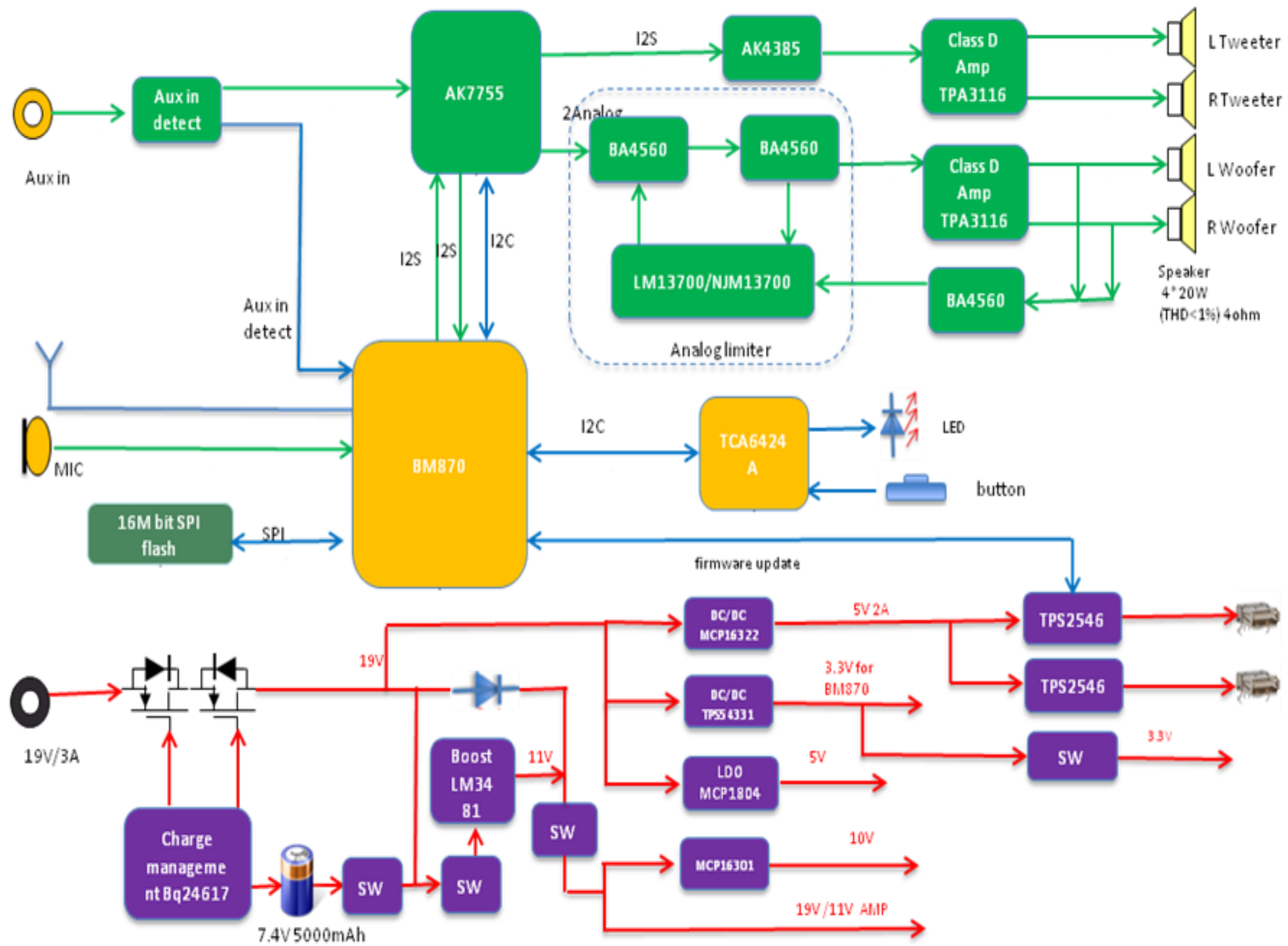
Specifications

| Description | Specification |
|---|--|
| Rated Output Power | 4 x 20W (AC mode) 4 x 10W (Battery mode) |
| Input Sensitivity | Aux : 370 mV +/- 10% Wireless input:-9dBfs |
| Input Overload | Aux : 1V rms |
| Auto Turn On Input Sensitivity | @1KHz, Typical : 2mV Limit : 4mV @100Hz Typical : 10mV Limit : 15mV |
| Frequency Response (Output Power) | 20Hz to 20KHz +/- 1dB (EQ setting is disable) 20Hz to 19KHz +/- 1dB (Bluetooth) |
| Frequency Response (Output Power) with EQ setting | TBC |
| THD+N at 1W | <0.5% |
| THD+N at Rated Output Power | <1% |
| Signal-to-Noise ratio at Rated Output Power | 80dB (A-Weighted) |
| Channel Separation | 45dB @100Hz 50dB @1KHz 45dB @10KHz |
| Channel Crosstalk | 80dB @100Hz 75dB @1KHz 70dB @10KHz |
| Inter Channel Gain Difference | <0.5dB |
| Residual Noise | 200nw (AC mode) 100nw (Battery mode) |
| Bluetooth Standard | Version 4.0 |
| Frequency Band | 2.402 – 2.480 GHz |
| Host Interface | UART |
| Profile Supported | HFP SPP A2DP AVRCP |
| Audio Codec | SBC (Subband Codec) |
| Data Rate | 2.1Mbps (over the air) 300Kbps (over UART) |
| Antenna | External |
| Certification | CE, FCC, BQE |
| Maximum Transmit Power @ antenna connector | 0 ~ 4dBm |
| Power Control | Maximum Power Step <=8dB Minimum Power Step >=2dB |
| Initial Carrier Frequency Shift | +/- 75KHz |
| Carrier Drift <ul style="list-style-type: none"> - Drift Rate - Drift (Single Slot Packet) - Drift (Three Slot Packet) - Drift (Five Slot Packet) | +/- 20KHz/50us +/- 25KHz +/- 40KHz +/- 40KHz |
| Modulation Characteristic <ul style="list-style-type: none"> - F1avg - F2 Max Pass rate - F1/F2 Ratio | 140KHz – 175KHz >=115KHz >= 0.8 |
| Single Slot Sensitivity @ <=0.1%BER | <= -85dBm |
| Multiple Slot Sensitivity @ <=0.1%BER | <= -85dBm |
| Maximum Input Level @ <= 0.1% BER | >= -20dBm |
| Typical Capacity | 5000 mAh |
| Charge Voltage | 8.4V |

Service Notes

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

Set Block Diagram



DISMANTLING INSTRUCTIONS

Tools List

| Item | Tool | Remark |
|------|----------------------|--------|
| 1 | Screwdriver | 2.0 |
| 2 | Screwdriver | 3.0 |
| 3 | Screwdriver | 4.0 |
| 4 | Screwdriver | TPK |
| 5 | Pliers | |
| 6 | Straight Screwdriver | |



Steps:



1. Unzip the set, pull out the rubber cover from Micro USB socket.



2. Use screwdriver 3.0 to remove 3pcs screws from bottom cover.



3. Disassemble the Bottom Cover Assembly.



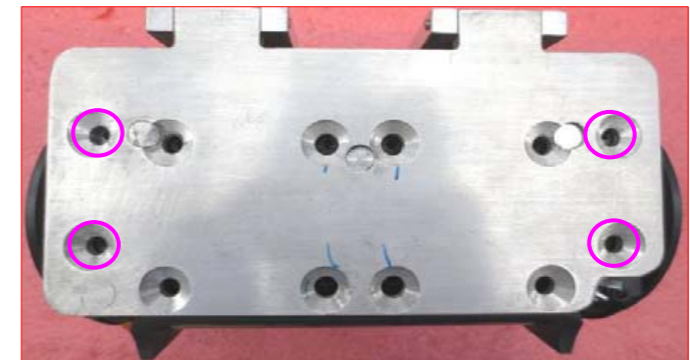
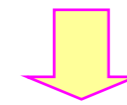
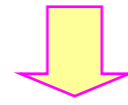
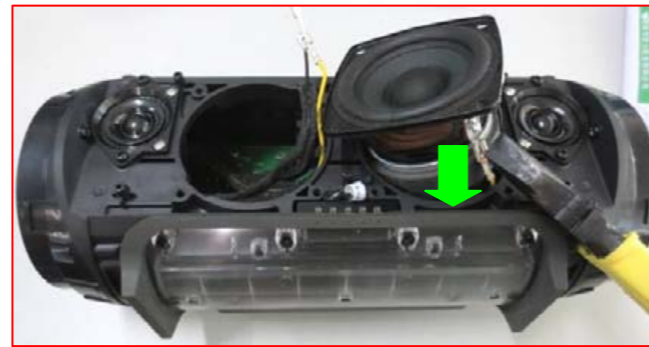
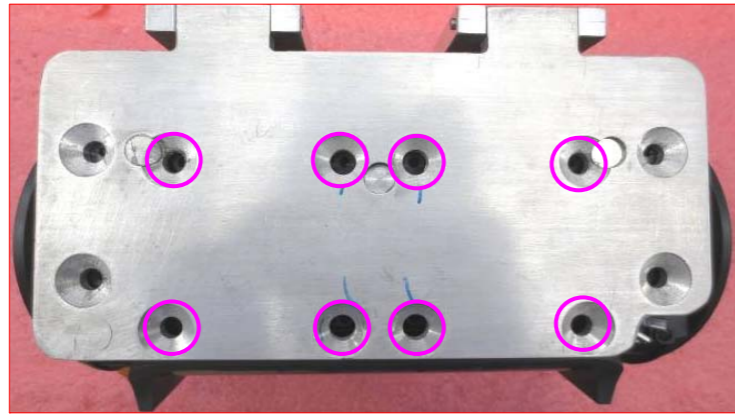
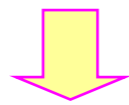
4. Use straight screwdriver to pry Grille off.



5. Remove 2pcs screws using screwdriver 3.0.



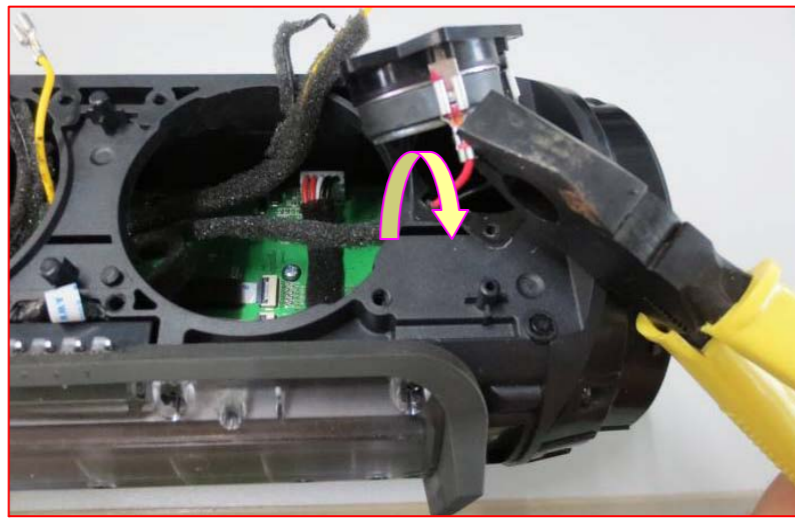
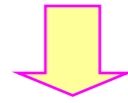
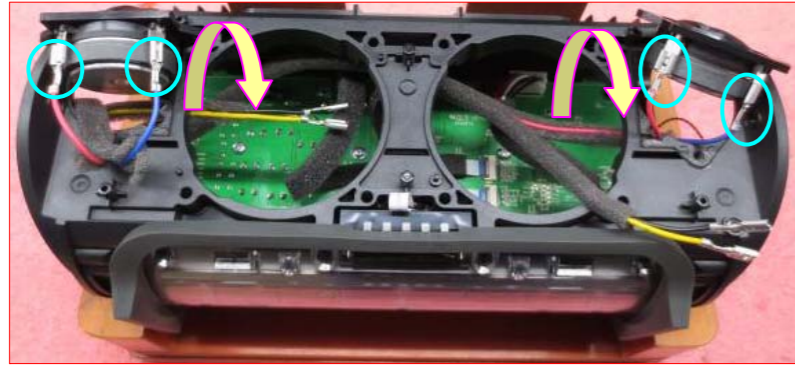
6. Take off Grille Ass'y.



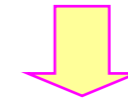
7. Use screwdriver 4.0 to remove 8 pcs screws from Woofers.

8. Pull out the speaker wire from Woofers

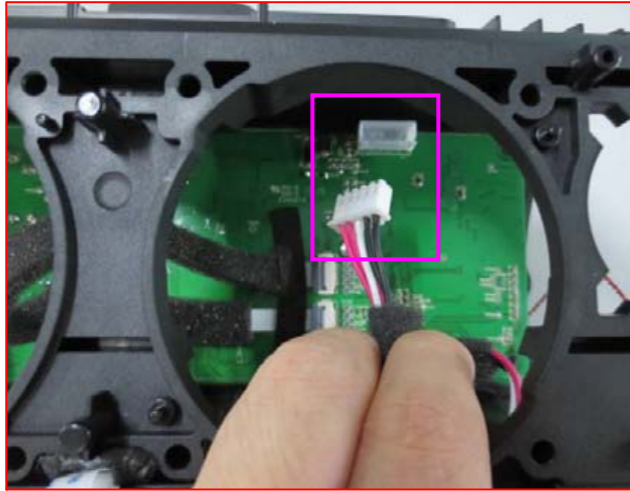
9. Use screwdriver 3.0 to remove 4 screws from Tweeters



10. Pull out the speaker wire from tweeters.



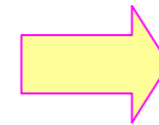
11. Use screwdriver 3.0 to remove 6pcs screws from left & right Passive Radiators.



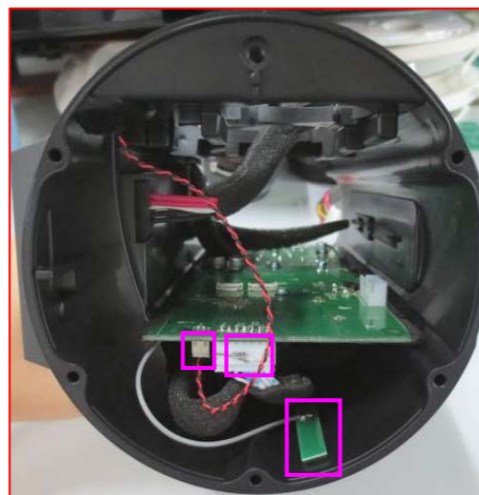
12. Pull out the connection wire for battery.



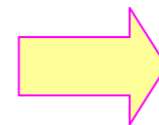
13. Pull out the speaker wire and connection wire on I/O board

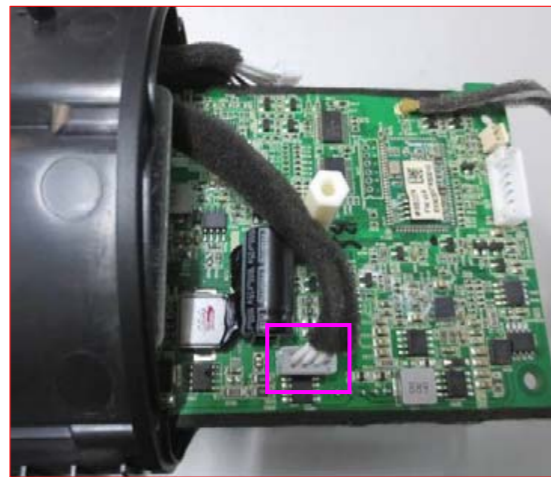


14. Pull out the FFC Cables.



15. Pull out Mic cable, I/O connection wire and antenna.





16. Push out 1/3 length of main board, pull 4P wire out.



17. Take out the main board from cabinet.

Schematic Diagram - Main Board Part 7

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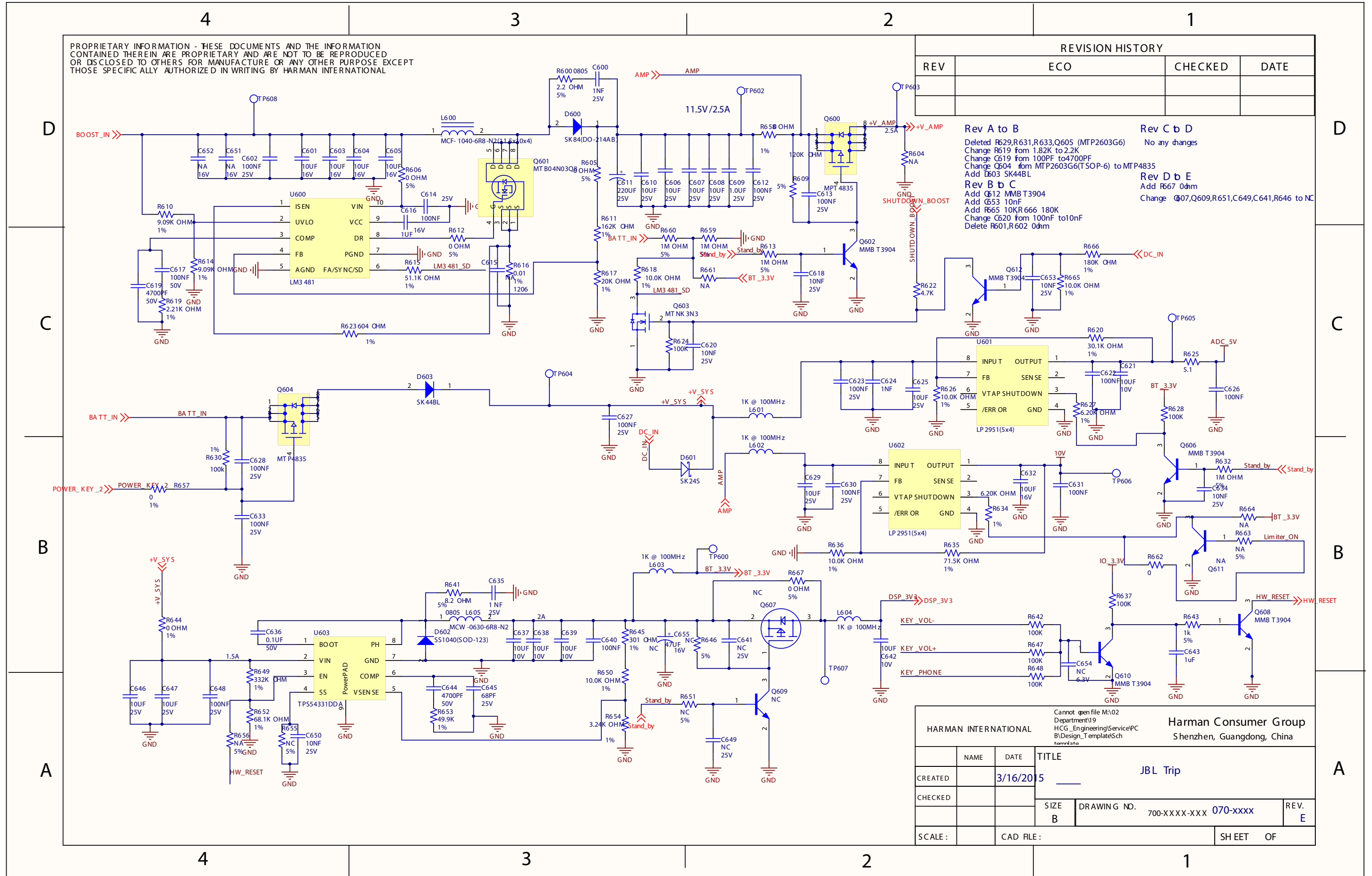
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|------------------|-----|---------|------|
| REV | ECO | CHECKED | DATE |
| | | | |

Rev A to B
 Deleted R629,R631,R633,Q605 (MTP2603G6)
 Change R619 from 1.82K to 2.2K
 Change C619 from 100PF to 4700PF
 Change Q604 from MTP2603G6(TSOP-6) to MTP4835
 Add D603 SK44BL

Rev B to C
 Add C612 MMB T3904
 Add C653 10nF
 Add R665 10KR 666 180K
 Change C620 from 100nF to 10nF
 Delete R601,R602 0ohm

Rev C to D
 No any changes

Rev D to E
 Add R667 0ohm
 Change Q607,Q609,R651,C649,C641,R646 to NC

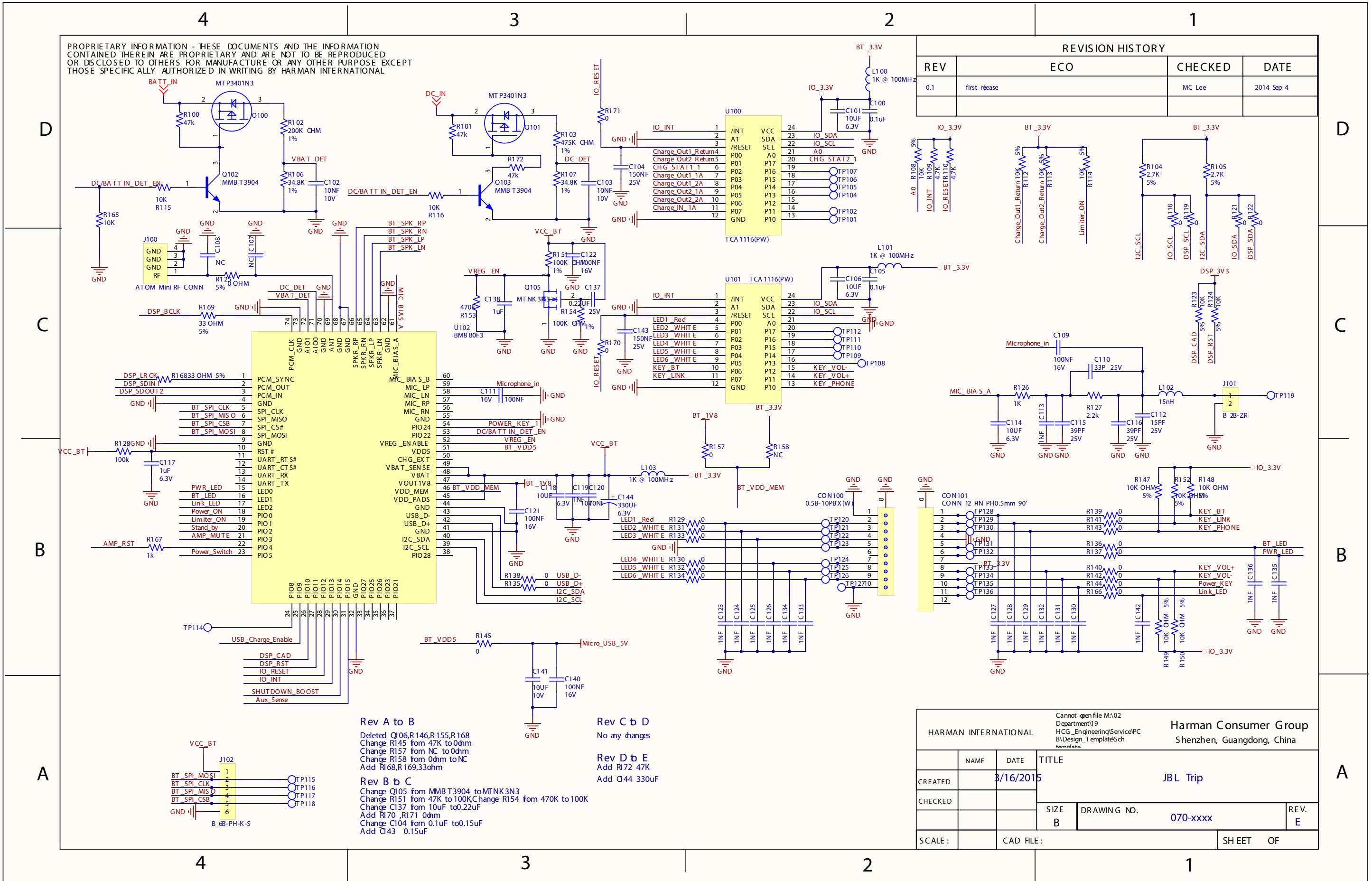


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| CREATED | | SIZE | DRAWING NO. | 700-XXXX-XXX 070-XXXX | REV. E |
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Schematic Diagram - Main Board Part 6

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| REVISION HISTORY | | | |
|------------------|---------------|---------|------------|
| REV | ECO | CHECKED | DATE |
| 0.1 | first release | MC Lee | 2014 Sep 4 |



Rev A to B
 Deleted Q106, R146, R155, R168
 Change R145 from 47K to 0ohm
 Change R157 from NC to 0ohm
 Change R158 from 0ohm to NC
 Add R168, R169, 33ohm

Rev B to C
 Change Q105 from MMB T3904 to MTNK3N3
 Change R151 from 47K to 100K, Change R154 from 470K to 100K
 Change C137 from 10uF to 0.22uF
 Add R170, R171 0ohm
 Change C104 from 0.1uF to 0.15uF
 Add C143 0.15uF

Rev C to D
 No any changes

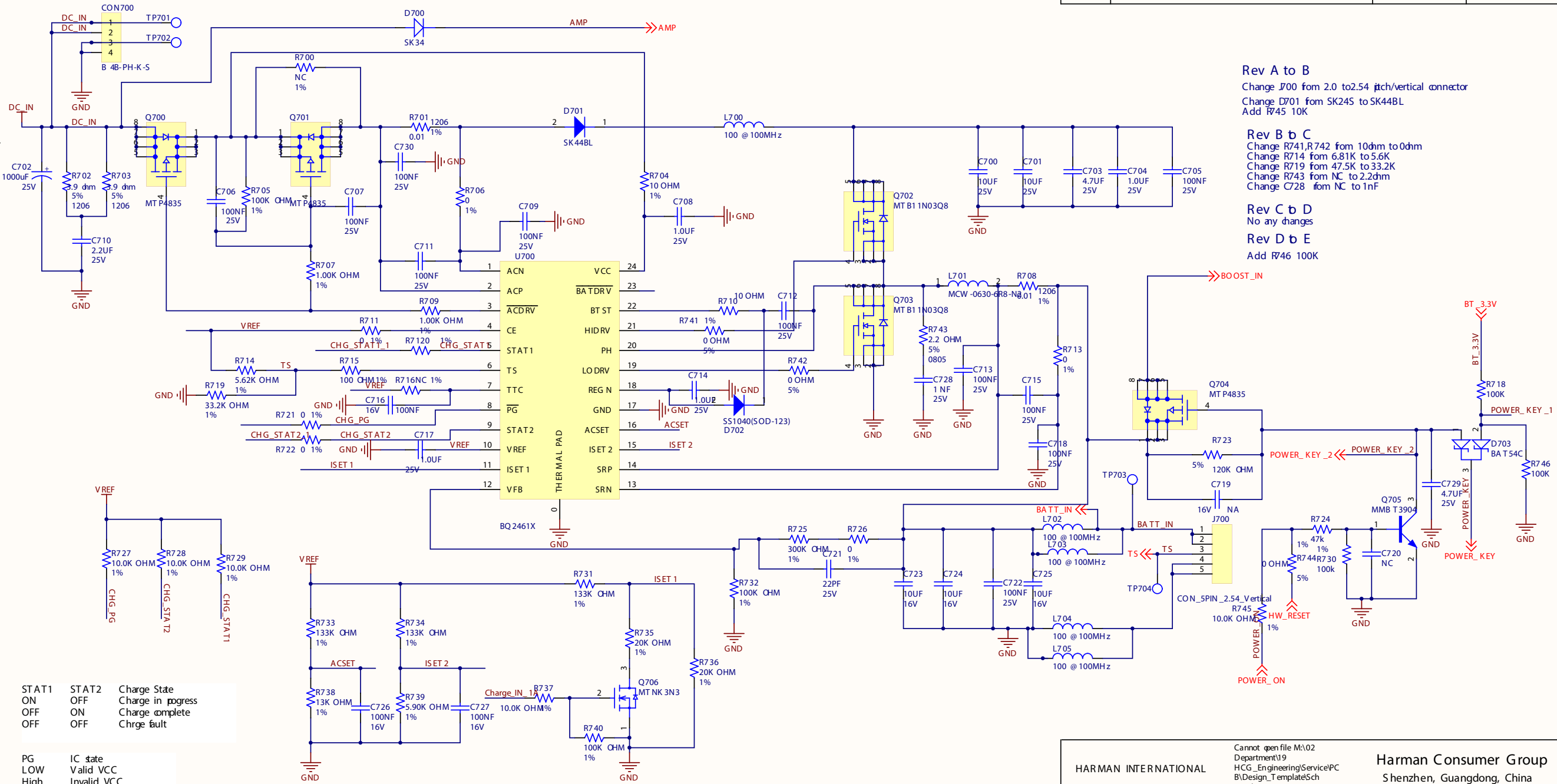
Rev D to E
 Add R172 47K
 Add Q144 330uF

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| NAME | DATE | TITLE | | JBL Trip | |
| CREATED | 3/16/2015 | SIZE | DRAWING NO. | 070-xxxx | REV. E |
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Schematic Diagram - Main Board Part 5

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| REVISION HISTORY | | | |
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| REV | ECO | CHECKED | DATE |
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Rev A to B
 Change R700 from 2.0 to 2.54 pitch/vertical connector
 Change D701 from SK245 to SK44BL
 Add R745 10K

Rev B to C
 Change R741, R742 from 10ohm to 0ohm
 Change R714 from 6.81K to 5.6K
 Change R719 from 47.5K to 33.2K
 Change R743 from NC to 2.2ohm
 Change C728 from NC to 1nF

Rev C to D
 No any changes

Rev D to E
 Add R746 100K

| | | |
|-------|-------|--------------------|
| STAT1 | STAT2 | Charge State |
| ON | OFF | Charge in progress |
| OFF | ON | Charge complete |
| OFF | OFF | Charge fault |

| | |
|------|-------------|
| PG | IC state |
| LOW | Valid VCC |
| High | Invalid VCC |

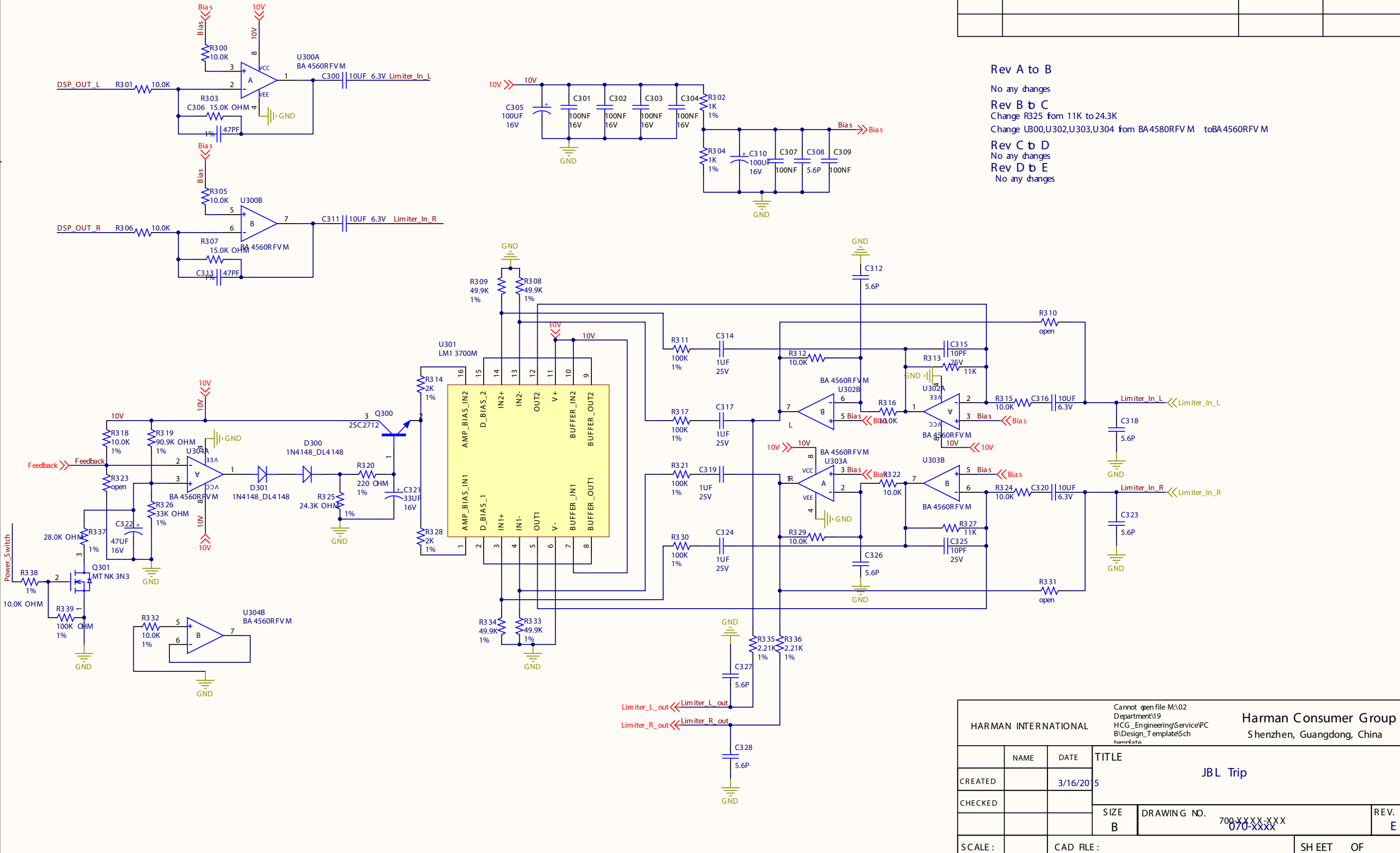
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| CREATED | 3/16/2015 | SIZE | DRAWING NO. | 700-XXXX-XXX 070-xxxx | REV. E |
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Schematic Diagram - Main Board Part 4

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| REVISION HISTORY | | | |
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| REV | ECO | CHECKED | DATE |
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Rev A to B
No any changes
Rev B to C
Change R325 from 11K to 24.3K
Change U300,U302,U303,U304 from BA4580RFVM to BA4560RFVM
Rev C to D
No any changes
Rev D to E
No any changes



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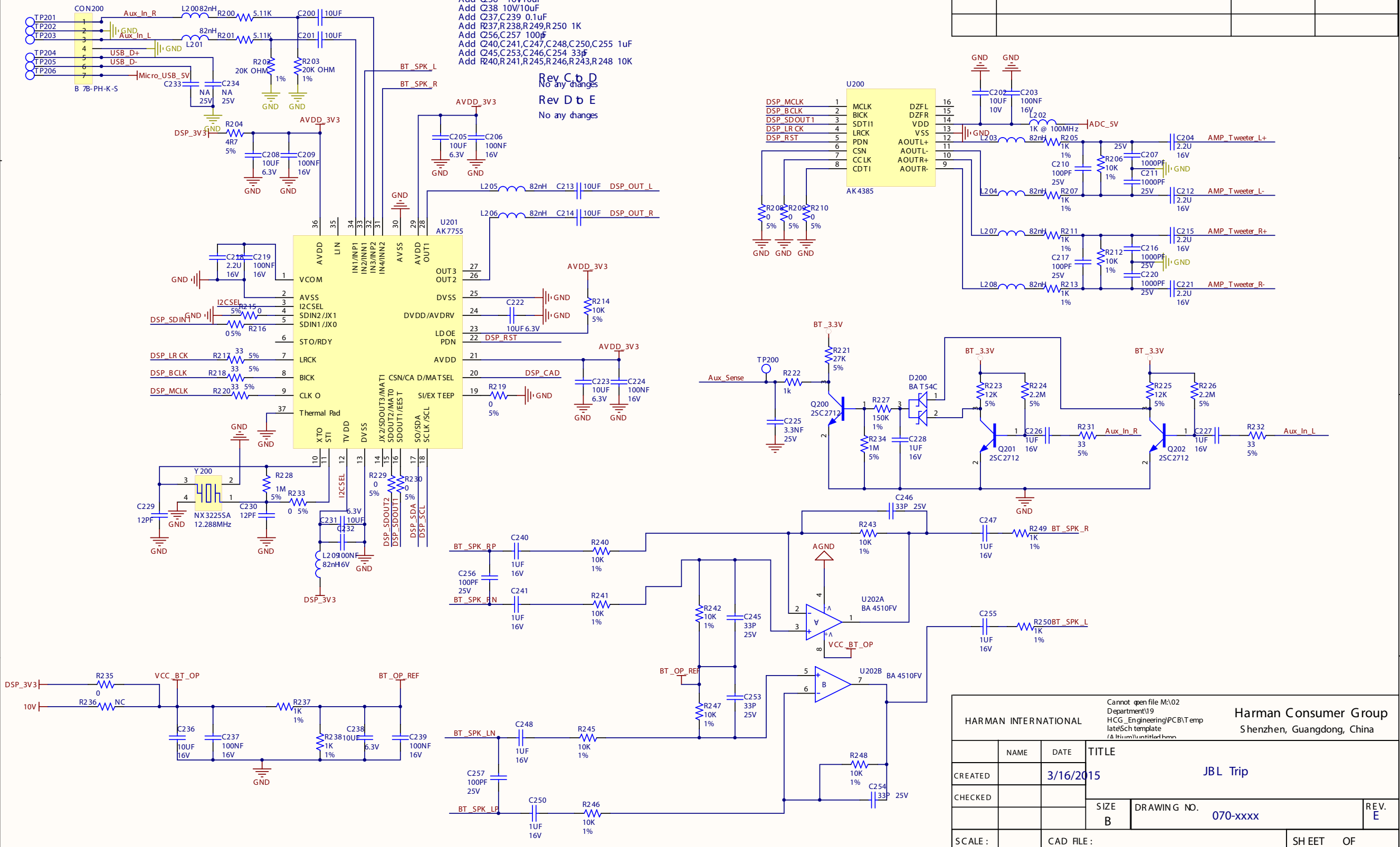
Schematic Diagram - Main Board Part 3

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Rev A to B
Change C207,C211,C216,C220 from 100pf to 1000pf
Rev B to C
Add R235 0ohm
Add C236 16V10uF
Add C238 10V10uF
Add C237,C239 0.1uF
Add R237,R238,R249,R250 1K
Add C256,C257 100pf
Add C240,C241,C247,C248,C250,C255 1uF
Add C245,C253,C246,C254 33pf
Add R240,R241,R245,R246,R243,R248 10K

Rev C to D
No any changes
Rev D to E
No any changes

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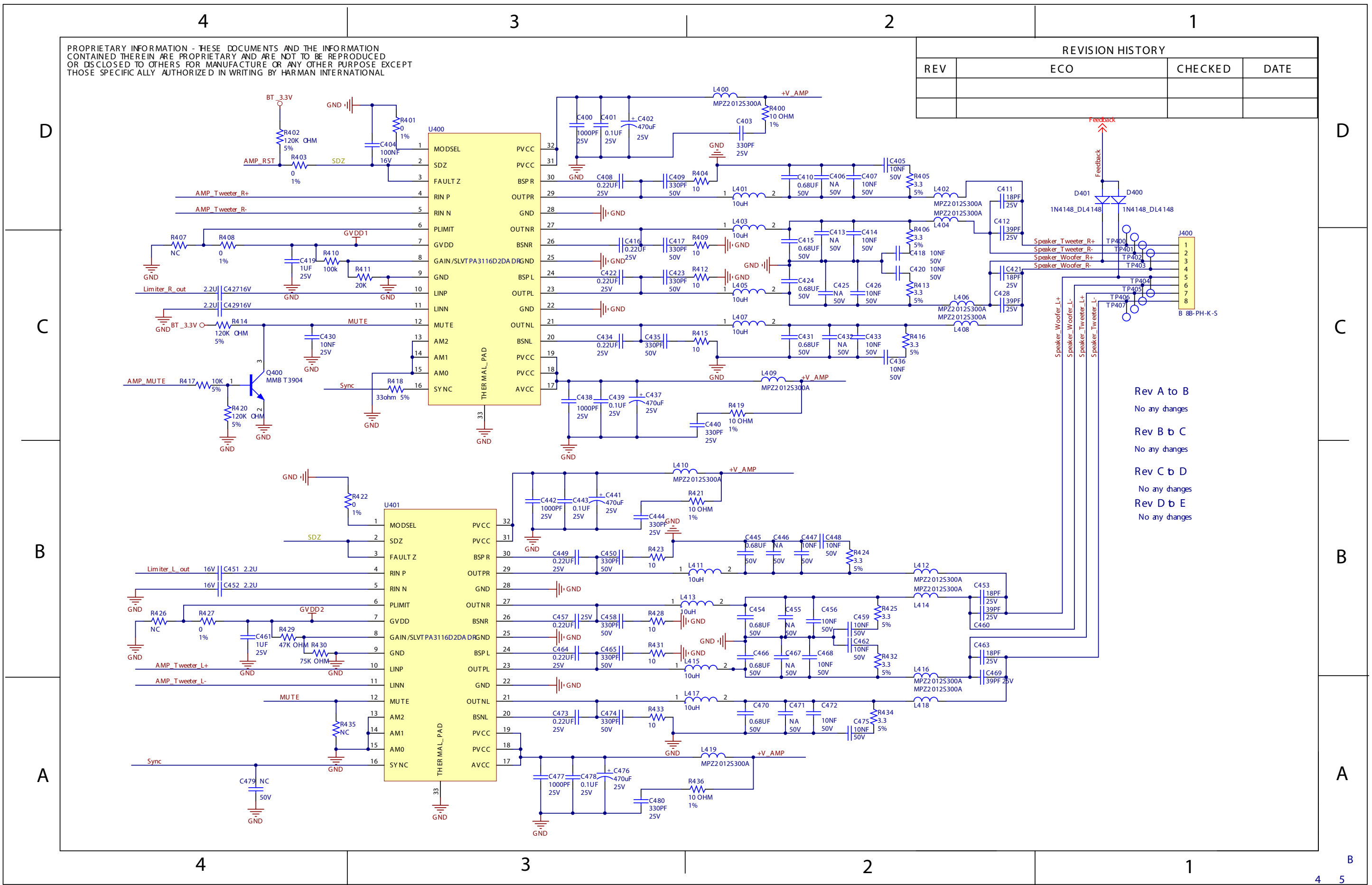


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| HARMAN INTERNATIONAL | | Cannot open file M:\02 Department\19 HCG_Engineering\PCBT emp lateSch template (&Hium\unutiltd.htm | | Harman Consumer Group Shenzhen, Guangdong, China | |
| NAME | DATE | TITLE | | JBL Trip | |
| CREATED | 3/16/2015 | SIZE | DRAWING NO. | 070-xxxx | |
| CHECKED | | REV. | E | | |
| SCALE : | CAD FILE : | SHEET | | OF | |

Schematic Diagram - Main Board Part 2

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| REVISION HISTORY | | | |
|------------------|-----|---------|------|
| REV | ECO | CHECKED | DATE |
| | | | |
| | | | |



Rev A to B
No any changes

Rev B to C
No any changes

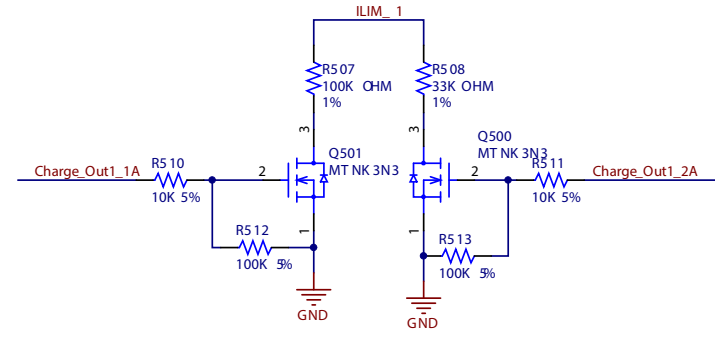
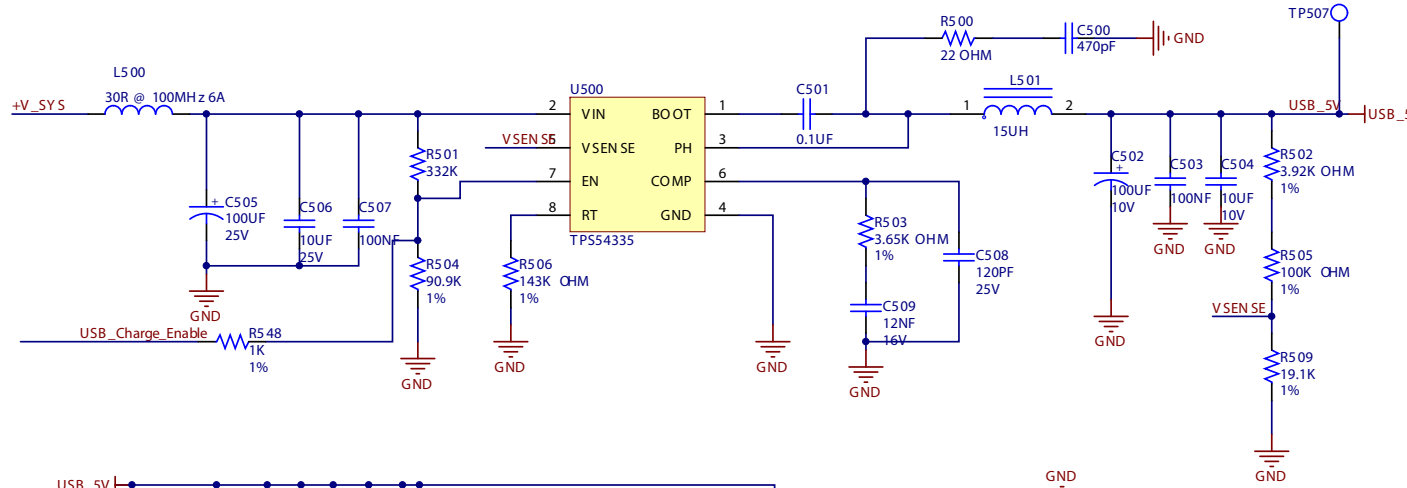
Rev C to D
No any changes

Rev D to E
No any changes

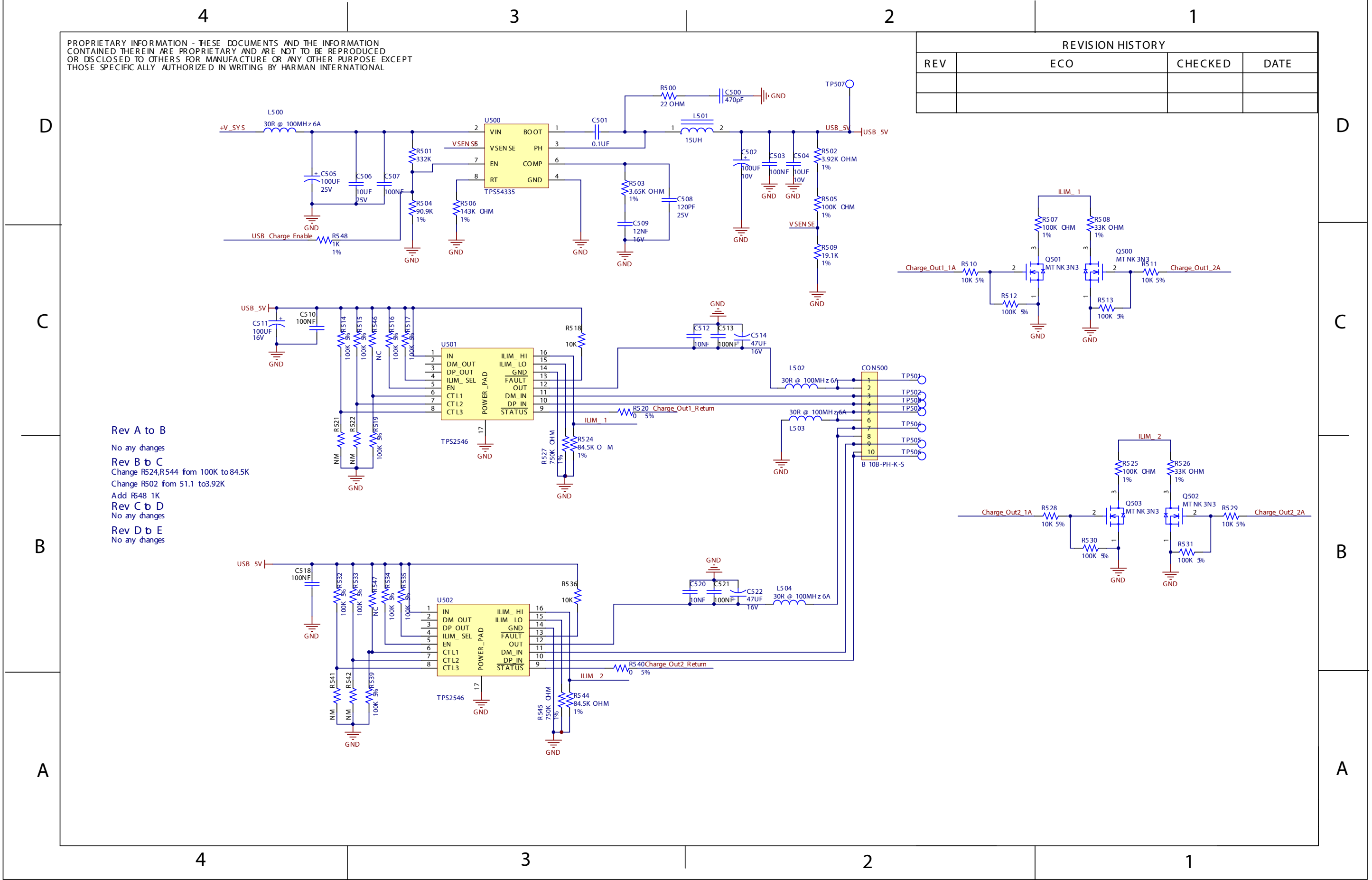
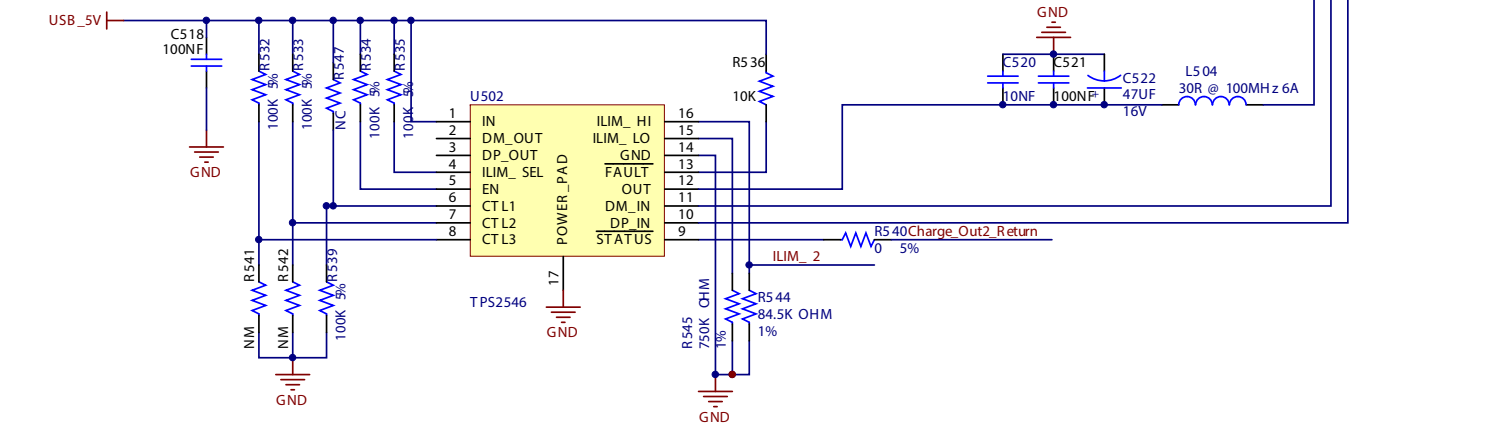
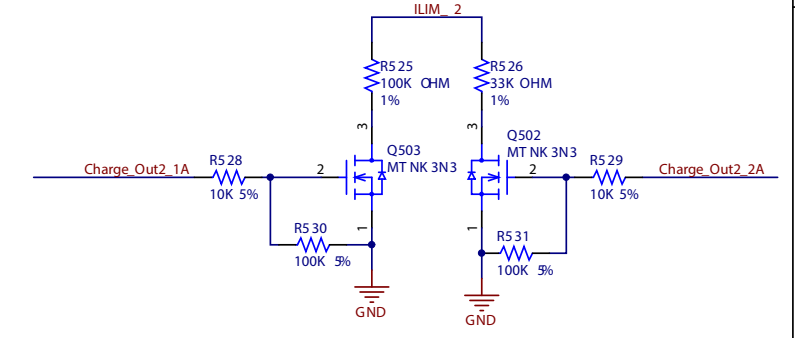
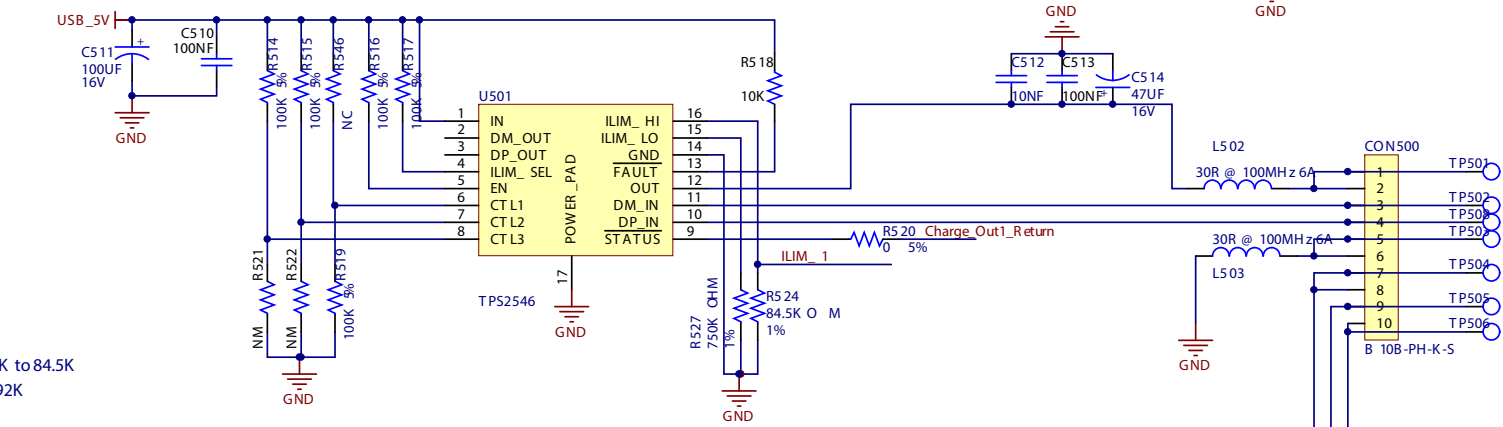
Schematic Diagram - Main Board Part 1

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| REVISION HISTORY | | | |
|------------------|-----|---------|------|
| REV | ECO | CHECKED | DATE |
| | | | |
| | | | |



Rev A to B
No any changes
Rev B to C
Change R524,R544 from 100K to 84.5K
Change R502 from 51.1 to 3.92K
Add R548 1K
Rev C to D
No any changes
Rev D to E
No any changes

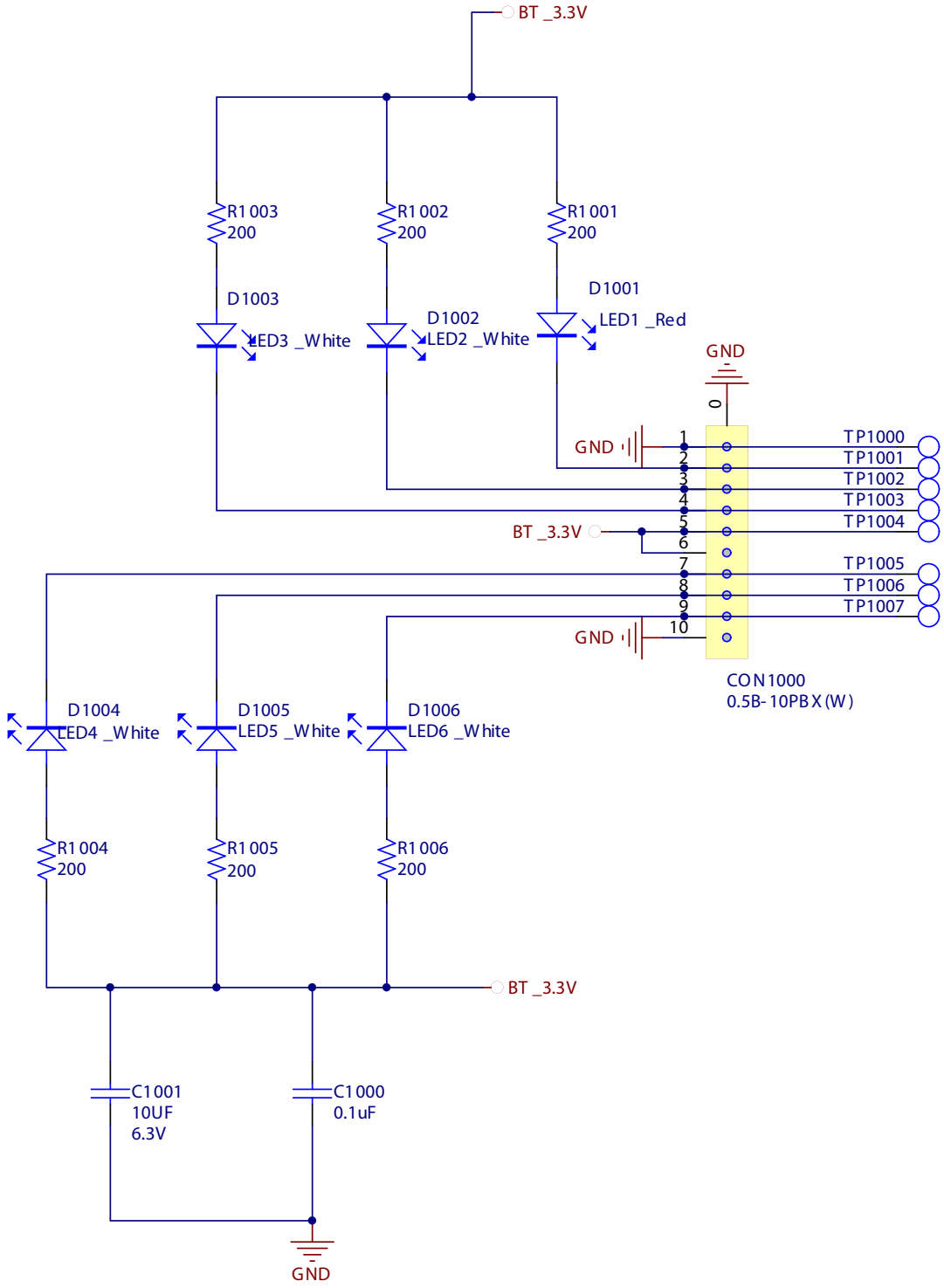


Schematic Diagram - LED Board

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use same side table

| REVISION HISTORY | | | |
|------------------|-----|---------|------|
| REV | ECO | CHECKED | DATE |
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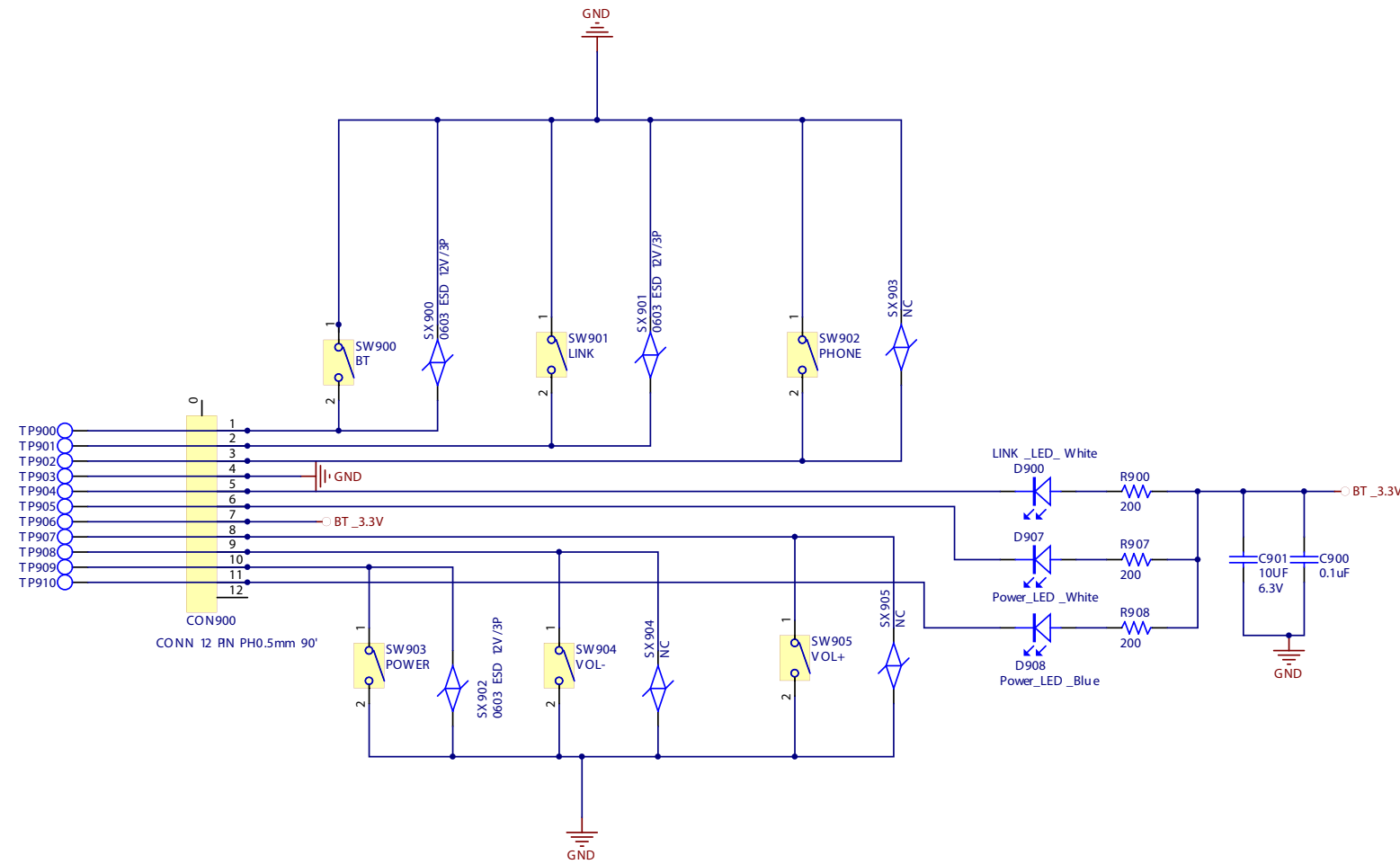
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Schematic Diagram - Key Board

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use same side table

| REVISION HISTORY | | | |
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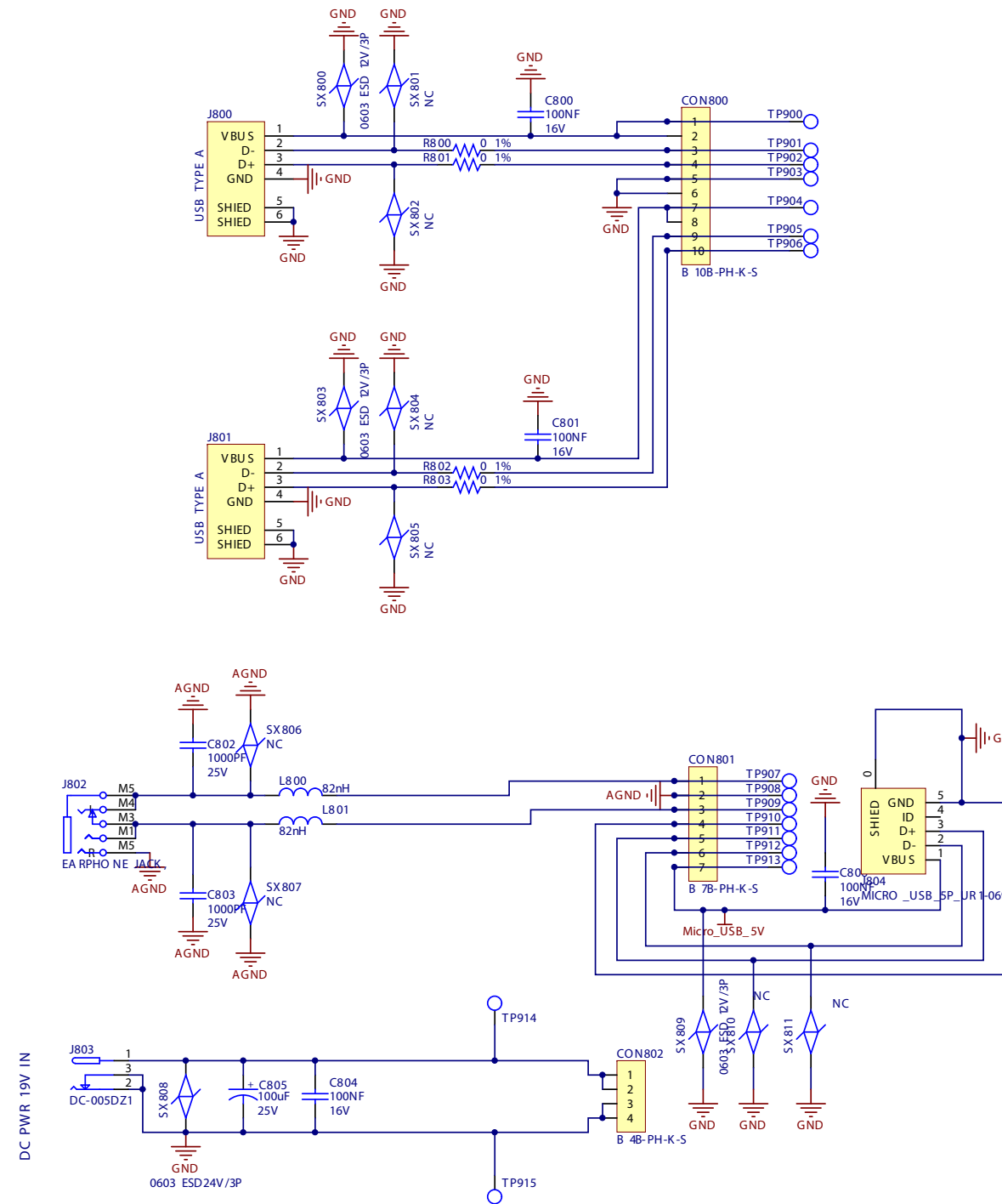
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1

Schematic Diagram - I/O Board

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| REVISION HISTORY | | | |
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| REV | ECO | CHECKED | DATE |
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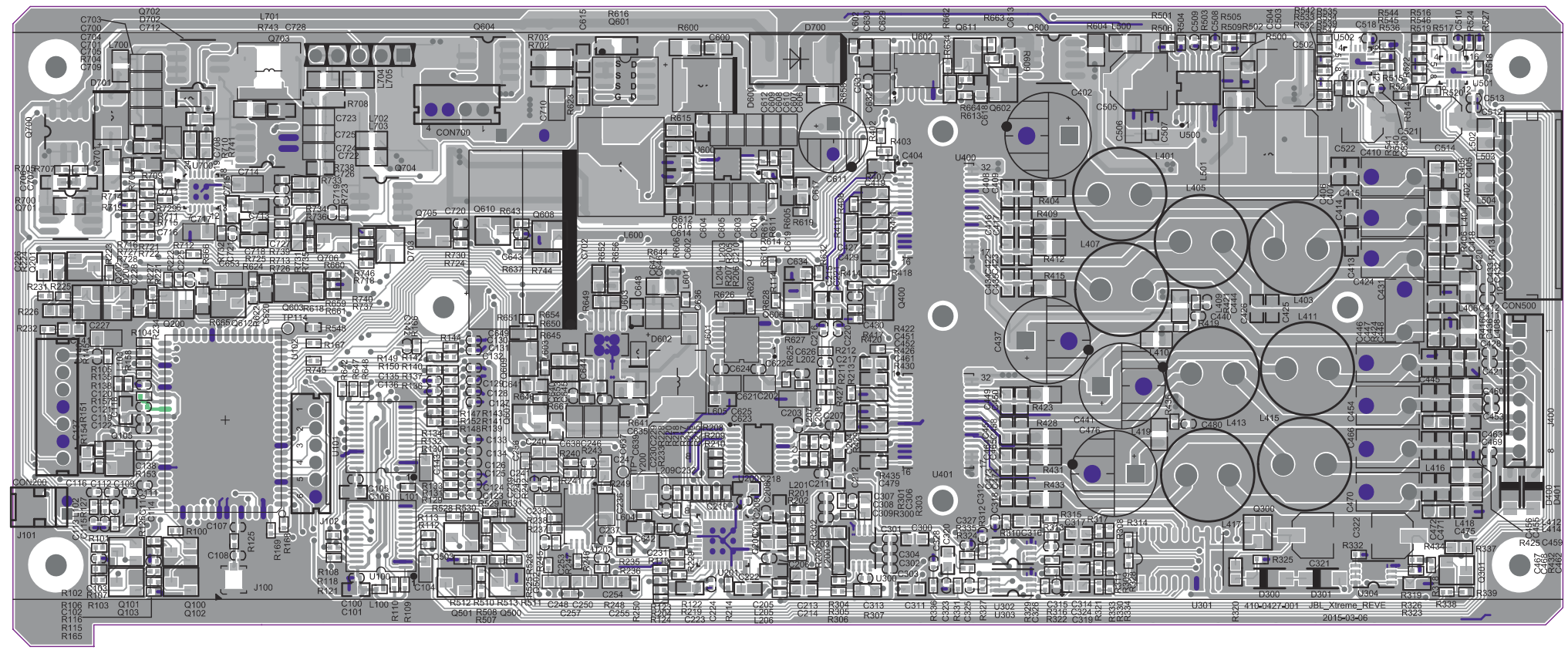
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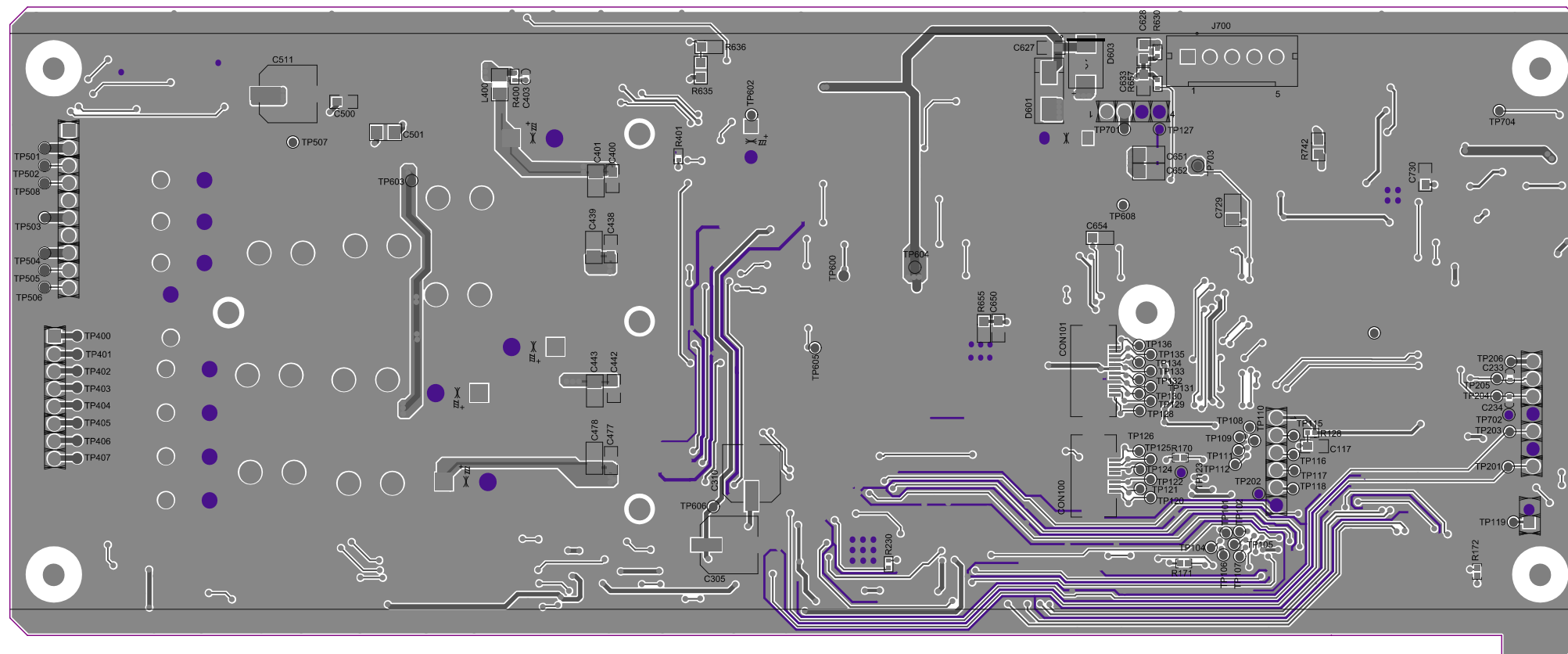
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1

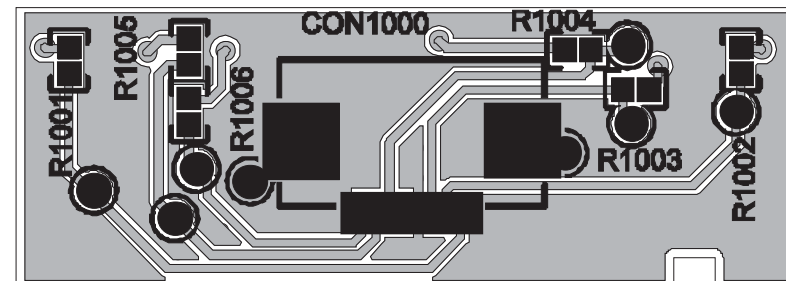
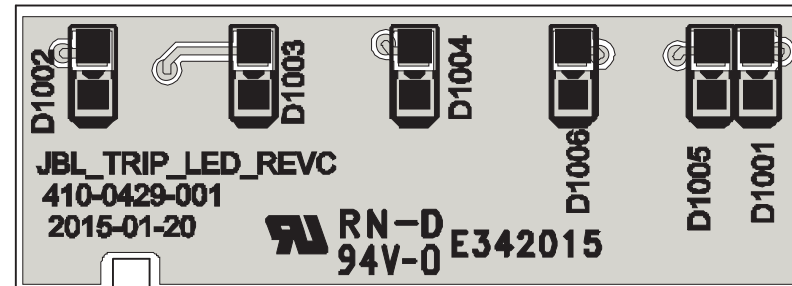
LAYOUT DIAGRAM - MAIN BOARD_TOP VIEW



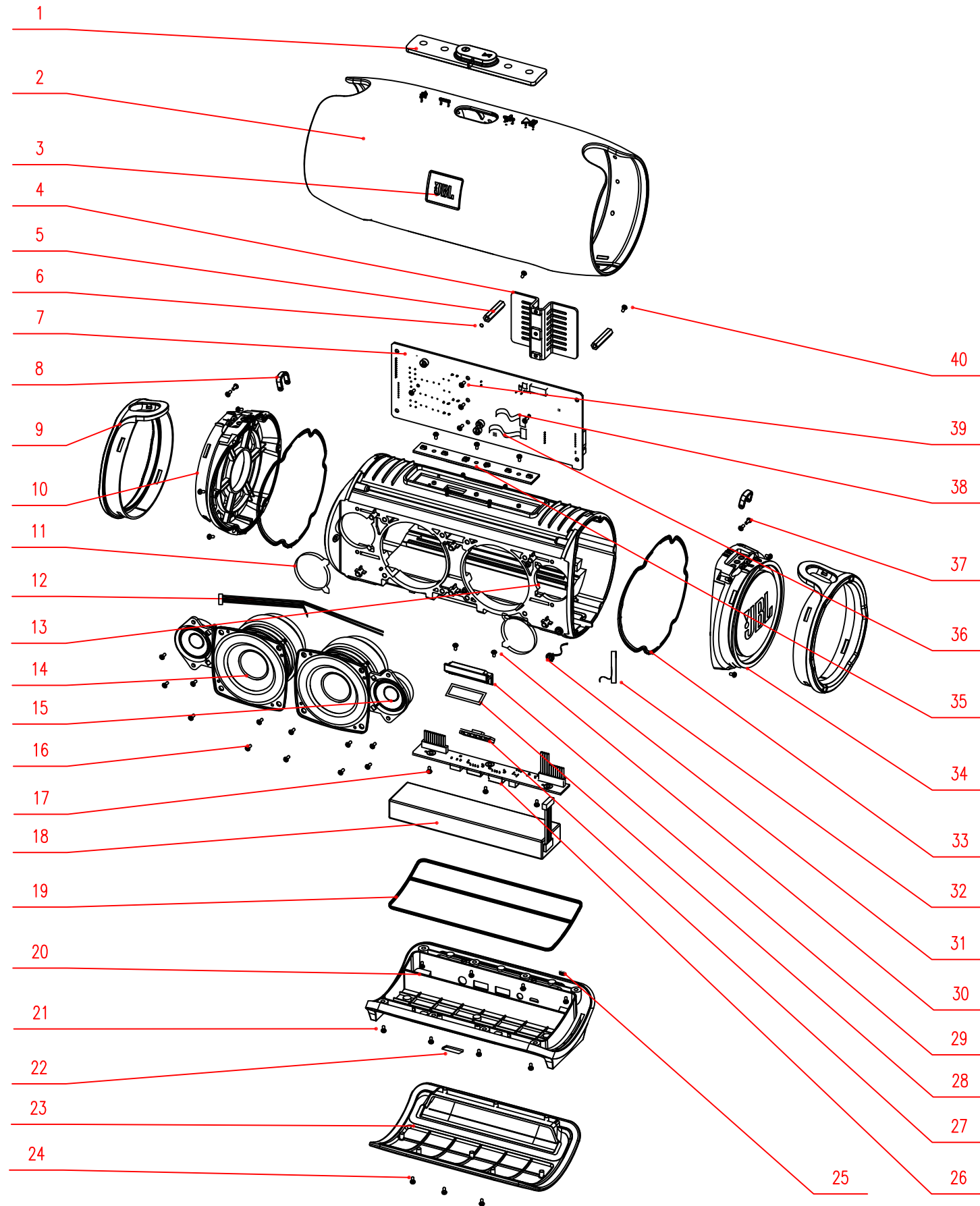
LAYOUT DIAGRAM - MAIN BOARD_BOTTOM VIEW



LAYOUT DIAGRAM - LED BOARD



MECHANICAL EXPLODED VIEW



| Item | Location | Part Number | Description | QTY |
|------|----------|----------------|--|-----|
| 1 | 1 | JL0122002010 | Rubber Button | 1 |
| 2 | 2 | WT0271002010 | Grille Ass'y 271.5*Φ121.8mm BLK | 1 |
| 3 | 2 | WT0271002020 | Grille Ass'y 271.5*Φ121.8mm RED | 1 |
| 4 | 2 | WT0271002030 | Grille Ass'y 271.5*Φ121.8mm BLU | 1 |
| 5 | 7 | APA20TRIP0101 | Main Board | 1 |
| 6 | 9 | ZS0154001010 | Cosmetic Cover ABS+TPE | 2 |
| 7 | 10 | 000100 13701 1 | Passive radiator Left Xtreme | 1 |
| 8 | 11 | DQ0050029010S | Gasket 50*35.4*1mm | 2 |
| 9 | 12 | EW39019508000 | Connect Cable 180mm 260mm | 1 |
| 10 | 13 | XT0243002010 | Cabinet 243.3*207*Φ108.5mm ABS 94 V0 | 1 |
| 11 | 14 | 110066 07401 | Woofers Xtreme | 2 |
| 12 | 15 | 310013 01601 | Tweeter 4ohm Xtreme | 2 |
| 13 | 18 | EXA3550007410 | Li-ion Rechargeable Battery 7.4V/5000MAH | 1 |
| 14 | 20 | HZ0175005010 | Bottom Cabinet (PC+TPE) | 1 |
| 15 | 23 | MM0159003010 | Bottom Cover Ass'y (Fabric+Mesh) BLK | 1 |
| 16 | 23 | MM0159003020 | Bottom Cover Ass'y (Fabric+Mesh) RED | 1 |
| 17 | 23 | MM0159003030 | Bottom Cover Ass'y (Fabric+Mesh) BLU | 1 |
| 18 | 25 | TT0011013010 | Rubber Plug 10.7*5.6*4.7 | 1 |
| 19 | 26 | 900000 247107 | IO Board Nano coating | 1 |
| 20 | 27 | APA20TRIP0401 | LED Board | 1 |
| 21 | 29 | MF0040002010 | Seal Cap ABS | 1 |
| 22 | 31 | EXM4205040010 | Mic EM4015-42BL-C68R330-UW-LF | 1 |
| 23 | 32 | EWA80TRIP0010 | RF Antenna 2.4G | 1 |
| 24 | 33 | GA0340006010 | Gas Ring 325*1.5*1.5mm PEF | 2 |
| 25 | 34 | 000100 13702 1 | Passive radiator Right Xtreme | 1 |
| 26 | 35 | APA20TRIP0201 | Key Board | 1 |
| 27 | 36 | EFW1019090100 | FFC Cable 10Pin | 1 |
| 28 | 38 | EFW2017590121 | FFC Cable 12pin | 1 |
| 29 | | 800006602600S | Cartoon box 402*348*208MM K=K | 1 |
| 30 | | 805006605300S | Gift Box 300G SBS+W9 | 1 |
| 31 | | 812009200400S | Handle 164*35 black PP | 1 |
| 32 | | ETSN9026A5B1N | Power Adapter Global vision | 1 |
| 33 | | EWP0120007020 | Power Cord EU L=1200mm 2*0.75mm BLK | 1 |
| 34 | | EWP2120007221 | Power Cord UK L=1200mm 2*0.75mm BLK | 1 |

SPARE PARTS LIST

| Level | Location | Part Number | Spec Description | QTY |
|-------|-------------------------|----------------|---|-----|
| 01 | 1 | JL0122002010 | Rubber Button | 1 |
| 01 | 2 | WT0271002010 | Grille Ass'y 271.5*Φ121.8mm BLK | 1 |
| 01 | 2 | WT0271002020 | Grille Ass'y 271.5*Φ121.8mm RED | 1 |
| 01 | 2 | WT0271002030 | Grille Ass'y 271.5*Φ121.8mm BLU | 1 |
| 01 | 7 | APA20TRIP0101 | Main Board | 1 |
| 002 | U100,U101 | EIMTVTCA1116NS | IC TCA1116 16-BIT I2C I/O EXPANDER | 2 |
| 002 | U102 | EKM3EXTRE0010 | Bluetooth module BM880F3 | 1 |
| 002 | U200 | EICTV00AK438NS | IC AK4385 108dB 192kHz 24-Bit 108dB 2ch DAC | 1 |
| 002 | U201 | EIDQF0AK7755NS | IC AK7755 DSP with Mono ADC Stereo | 1 |
| 002 | U300,U302, U303,U304 | EIOMS4560RFVNS | IC BA4560RFVM Low Noise Operational Amplifiers MSOP8 | 4 |
| 002 | U301 | EIOSZLM13700NS | IC LM13700A SOP-16 OP AMP | 1 |
| 002 | U400,U401 | EIPSXTPA3116NS | IC TPA3116D2 4CH Class D POWER AMPLIFIER SSOP32 | 2 |
| 002 | U500 | EIVDAPS54335NS | IC TPS54335 DDA(R-PDSO-G8)4.5V to 28V Input 3A Output | 1 |
| 002 | U501,U502 | EIUQFTPS2546NS | IC TPS2546 USB CHARGING PORT CONTROLLER 16-pin QFN | 2 |
| 002 | U600 | EISMSOLM3481NS | IC LM3481 N-CH CONTROLLER | 1 |
| 002 | U601,U602 | EIDL2951CX10S | IC LP2951CMX REGULATOR ADJ. MICROPOWER 100MA | 2 |
| 002 | U603 | EIVSOS54331DNS | IC TPS54331DDA 3A 28V INPUT SWIF DC/DC CONVERTER | 1 |
| 002 | U700 | EISQFQ224617NS | IC BQ24617 TI Stand-Alone Synchronous Switch-Mode | 1 |
| 002 | U202 | EIDBA4510FV10S | IC BA4510FV OP AMP HP LV DUAL SSOPB8 | 1 |
| 01 | 9 | ZS0154001010 | Cosmetic Cover ABS+TPE | 2 |
| 01 | 10 | 000100 13701 1 | Passive radiator Left Extreme | 1 |
| 01 | 11 | DQ0050029010S | Gasket 50*35.4*1mm | 2 |
| 01 | 12 | EW39019508000 | Connect Cable 180mm 260mm | 1 |
| 01 | 13 | XT0243002010 | Cabinet 243.3*207*Φ108.5mm ABS 94 V0 | 1 |
| 01 | 14 | 110066 07401 | Woofer Extreme | 2 |
| 01 | 15 | 310013 01601 | Tweeter 4ohm Extreme | 2 |
| 01 | 18 | EXA3550007410 | Li-ion Rechargeable Battery 7.4V/5000MAH | 1 |
| 01 | 20 | HZ0175005010 | Bottom Cabinet (PC+TPE) | 1 |
| 01 | 23.00 | MM0159003010 | Bottom Cover Ass'y (Fabric+Mesh) BLK | 1 |
| 01 | 23.00 | MM0159003020 | Bottom Cover Ass'y (Fabric+Mesh) RED | 1 |
| 01 | 23.00 | MM0159003030 | Bottom Cover Ass'y (Fabric+Mesh) BLU | 1 |
| 01 | 25 | TT0011013010 | Rubber Plug 10.7*5.6*4.7 | 1 |
| 01 | 26 | 900000 247107 | IO Board Nano coating | 1 |
| 002 | | EW0301E511000 | Cable 11pin 140mm | 1 |
| 002 | | EW03009510000 | Cable 10pin 90mm | 1 |
| 01 | 27 | APA20TRIP0401 | LED Board | 1 |
| 01 | 29 | MF0040002010 | Seal Cap ABS | 1 |
| 01 | 31 | EXM4205040010 | Mic EM4015-42BL-C68R330-UW-LF | 1 |
| 01 | 32 | EWA80TRIP0010 | RF Antenna 2.4G | 1 |
| 01 | 33 | GA0340006010 | Gas Ring 325*1.5*1.5mm PEF | 2 |
| 01 | 34 | 000100 13702 1 | Passive radiator Right Extreme | 1 |
| 01 | 35 | APA20TRIP0201 | Key Board | 1 |
| 01 | 36 | EW1019090100 | FFC Cable 10Pin | 1 |
| 01 | 38 | EW1017590121 | FFC Cable 12pin | 1 |
| 00 | | ETSN9026A5B1N | Power Adapter Global vision Extreme | 1 |
| 00 | | EWP0120007020 | Power cord EU L1200mm 2*0.75mm Extreme | 1 |
| 00 | | EWP2120007221 | Power cord UK L1200mm 2*0.75mm Extreme | 1 |
| 00 | | EWP1120007121 | Power cord US L1200mm 2*0.75mm BLK Extreme | 1 |
| 00 | | EWP7120007821 | Power cord JP L1200mm 2*0.75mm BLK Extreme | 1 |

| | | | | |
|----|--|---------------|--|---|
| 00 | | EWP5120007421 | Power cord CN L1200mm 2*0.75mm BLK Extreme | 1 |
| 00 | | EWP4120007B21 | Power cord KO L1200mm 2*0.75mm BLK Extreme | 1 |
| 00 | | EWPE120007521 | Power cord AU L1200mm 2*0.75mm BLK Extreme | 1 |
| 00 | | EWPF120007L21 | Power cord TH L1200mm 2*0.75mm BLK Extreme | 1 |
| 00 | | 805006606400S | Gift Box 300G SBS+W9 Extreme EMEA Blue | 1 |
| 00 | | 805006606500S | Gift Box 300G SBS+W9 Extreme EMEA Red | 1 |
| 00 | | 805006606300S | Gift Box 300G SBS+W9 Extreme EMEA Black | 1 |
| 00 | | 805006607700S | Gift Box 300G SBS+W9 Extreme US Blue | 1 |
| 00 | | 805006607800S | Gift Box 300G SBS+W9 Extreme US Red | 1 |
| 00 | | 805006607600S | Gift Box 300G SBS+W9 Extreme US Black | 1 |
| 00 | | 805006608000S | Gift Box 300G SBS+W9 Extreme JP Blue | 1 |
| 00 | | 805006608100S | Gift Box 300G SBS+W9 Extreme JP Red | 1 |
| 00 | | 805006607900S | Gift Box 300G SBS+W9 Extreme JP Black | 1 |
| 00 | | 805006608600S | Gift Box 300G SBS+W9 Extreme CN Blue | 1 |
| 00 | | 805006608700S | Gift Box 300G SBS+W9 Extreme CN Red | 1 |
| 00 | | 805006608500S | Gift Box 300G SBS+W9 Extreme CN Black | 1 |
| 00 | | 805006608300S | Gift Box 300G SBS+W9 Extreme AS Blue | 1 |
| 00 | | 805006608400S | Gift Box 300G SBS+W9 Extreme AS Red | 1 |
| 00 | | 805006608200S | Gift Box 300G SBS+W9 Extreme AS Black | 1 |
| 00 | | 800006602600S | Cartoon box 402*348*208MM K=K Extreme | 1 |
| 00 | | 812009200400S | Handle 164*35 black PP Extreme | 1 |
| 00 | | QT1260001010 | Strap Extreme | 1 |

Revision List

Version 1.0

- * Initial Release

Version 1.1

- * Update Spare Part List to add Gift Box & Power Cord for more regions.

Version 1.2

- Add Dismantling Instructions.