

Service
Service
Service



Service Manual

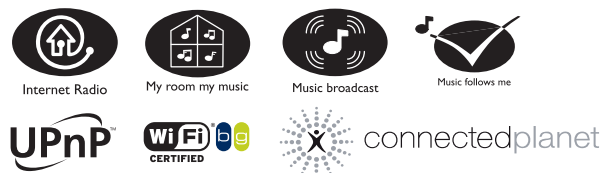


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* This document only include center (waS7500) information, please click [here](#) to get the station (waC7500) information.



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SERVICE AIDS

Service Tools:

| | |
|------------------------------------|----------------|
| Universal Torx driver holder | 4822 395 91019 |
| Torx bit T10 150mm | 4822 395 50456 |
| Torx driver set T6-T20 | 4822 395 50145 |
| Torx driver T10 extended | 4822 395 50423 |

Compact Disc:

| | |
|---|----------------|
| SBC426/426A Test disc 5 + 5A | 4822 397 30096 |
| SBC442 Audio Burn-in test disc 1kHz | 4822 397 30155 |
| SBC429 Audio Signals disc | 4822 397 30184 |
| Dolby Pro-logic Test Disc | 4822 395 10216 |

GB WARNING


All ICs and many other semi-conductors are susceptible to electrostatic discharges (ESD). Careless handling during repair can reduce life drastically.
When repairing, make sure that you are connected with the same potential as the mass of the set via a wrist wrap with resistance. Keep components and tools also at this potential.

ESD



GB

Safety regulations require that the set be restored to its original condition and that parts which are identical with those specified, be used

Safety components are marked by the symbol .

**CLASS 1
LASER PRODUCT**

INFORMATION ABOUT LEAD-FREE SOLDERING

Philips CE is producing lead-free sets from 1.1.2005 onwards.

IDENTIFICATION:

Regardless of special logo (not always indicated) one must treat all sets from 1 Jan 2005 onwards, according next rules:



- On our website www.atyourservice.ce.Philips.com you find more information to:
 - * BGA-de-/soldering (+ baking instructions)
 - * Heating-profiles of BGAs and other ICs used in Philips-sets
 - * Lead free

You will find this and more technical information within the "magazine", chapter "workshop news".

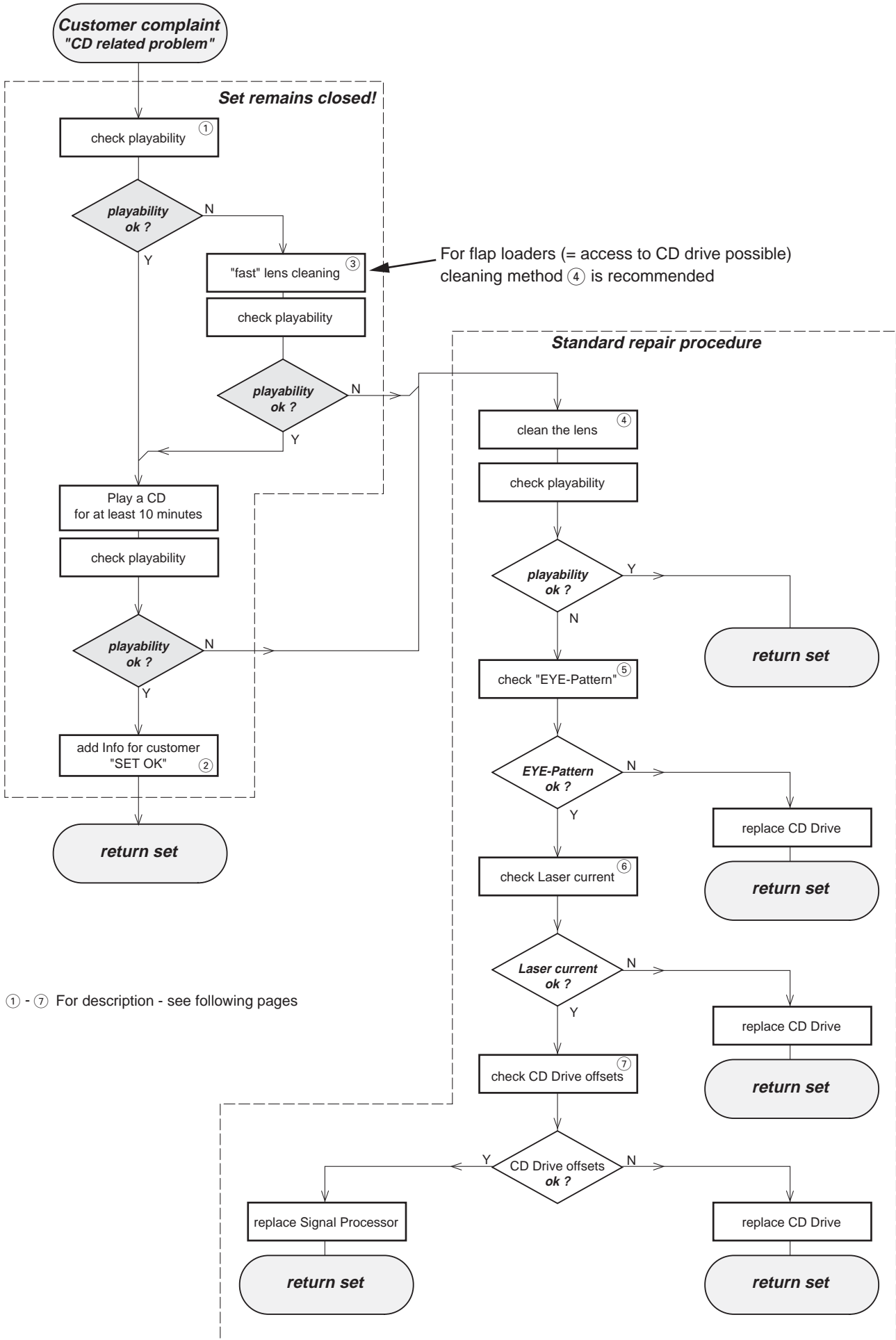
For additional questions please contact your local repair-helpdesk.

SERVICE INSTRUCTION

Safety regulations require that after a repair, the set must be returned in its original condition. Pay in particular attention to the following points:

- Route the wire trees correctly and fix them with the mounted cable clamps.
- Check the insulation of the AC Power lead for external damage.
- Check the strain relief of the AC Power cord for proper function.
- Check the electrical DC resistance between the AC Power Plug and the secondary side (only for sets which have a AC Power isolated power supply):
 1. Unplug the AC Power cord and connect a wire between the two pins of the AC Power plug.
 2. Set the AC Power switch to the "on" position (keep the AC Power cord unplugged!).
 3. Measure the resistance value between the pins of the AC Power plug and the metal shielding of the tuner or the aerial connection on the set. The reading should be larger than 4.5 Mohm (For U.S. it should be between 4.2 Mohm and 12 Mohm).
 4. Switch "off" the set, and remove the wire between the two pins of the AC Power plug.
- Check the cabinet for defects, to avoid touching of any inner parts by the customer.

CD PLAYABILITY CHECK



CD PLAYABILITY CHECK

①

PLAYABILITY CHECK

For sets which are compatible with **CD-RW** discs
 use CD-RW Printed Audio Disc.....7104 099 96611
 TR 3 (Fingerprint)
 TR 8 (600µ Black dot) **maximum at 01:00**

- playback of these two tracks without audible disturbance
 playing time for: Fingerprint ≥10seconds
 Black dot from 00:50 to 01:10
- jump forward/backward (search) within a reasonable time

For all other sets
 use CD-DA SBC 444A.....4822 397 30245
 TR 14 (600µ Black dot) **maximum at 01:15**
 TR 19 (Fingerprint)
 TR 10 (1000µ wedge)

- playback of all these tracks without audible disturbance
 playing time for: 1000µ wedge ≥10seconds
 Fingerprint ≥10seconds
 Black dot from 01:05 to 01:25
- jump forward/backward (search) within a reasonable time

②

CUSTOMER INFORMATION

It is proposed to add an addendum sheet to the set which informs the customer that the set has been checked carefully - but no fault was found. The problem was obviously caused by a scratched, dirty or copy-protected CD. In case problems remain, the customer is requested to contact the workshop directly. The lens cleaning (method ③) should be mentioned in the addendum sheet.

The final wording in national language as well as the printing is under responsibility of the Regional Service Organizations.

③

FAST LENS CLEANING (dry brush)

Use lens cleaning CD
 SBC AC300.....9082 100 00043

Insert the lens cleaning CD, press PLAY and follow the voice guide's instructions on the CD.

④

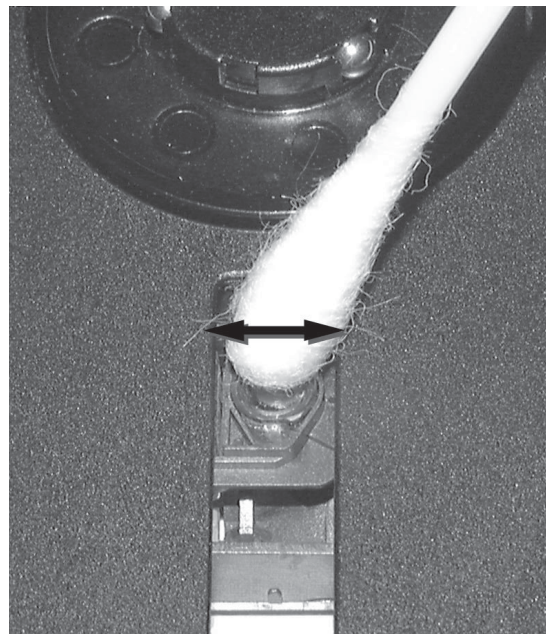
LIQUID LENS CLEANING

Before touching the lens it is advised to clean the surface of the lens by blowing clean air over it. This to avoid that little particles make scratches on the lens.

Because the material of the lens is synthetic and coated with a special anti-reflectivity layer, cleaning must be done with a non-aggressive cleaning fluid. It is advised to use "Cleaning Solvent B4-No2", available with codenumber 4822 389 10026.

The actuator is a very precise mechanical component and may not be damaged in order to guarantee its full function. Clean the lens gently (don't press too hard) with a soft and clean cotton bud moistened with the special lens cleaner.

The direction of cleaning must be in the way as indicated in the picture below.

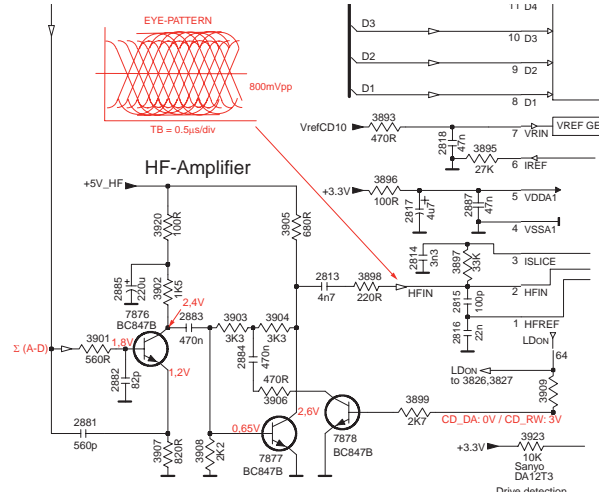


CD PLAYABILITY CHECK

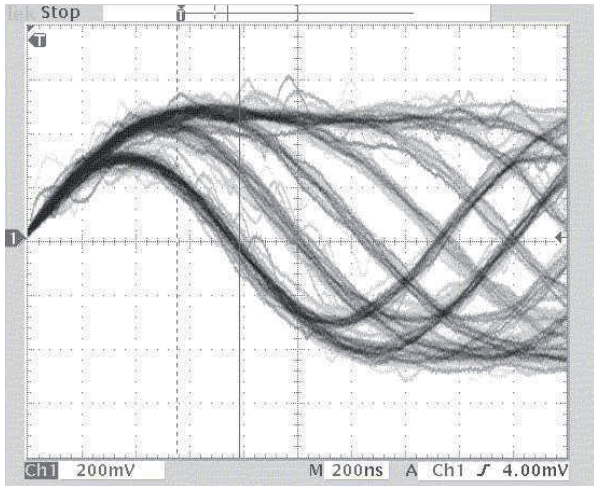
5

EYE-PATTERN SIGNAL – JITTER MEASUREMENT

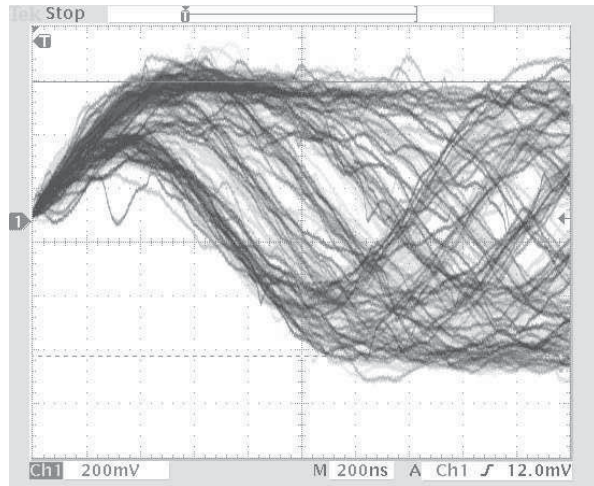
Measure the signal on the input of the Signal processor using an **analog** oscilloscope. Please find the exact measuring point in your Service Manual.



See below examples of the signal. Amplitude should read at least 700mVpp using SBC444A.



good



bad

If the oscilloscope shows a signal like the 'bad' one, and/or the amplitude decreases within 1 minute - the CD drive has to be replaced.

6

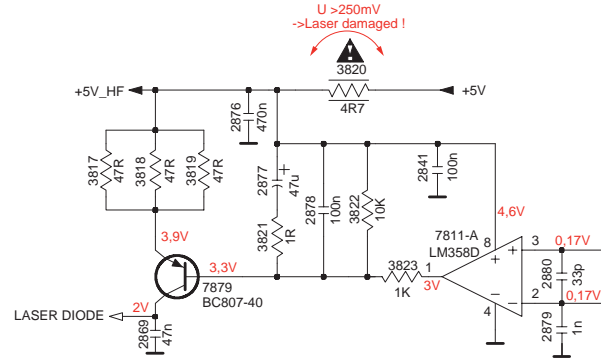
CD DRIVE – LASER CURRENT MEASUREMENT

The laser current can be measured as a voltage drop on a resistor. The resistor is marked in every Service Manual. The value depends on the type of CD drive.

| | typical value | most probably defect |
|---------|---------------|----------------------|
| VAMxxxx | : 150-230mV | ≥350mV |
| MCDxx | : 170-230mV | ≥300mV |
| DA1x | : 210-250mV | ≥350mV |
| DA2x | : 175-200mV | ≥250mV |

Use SBC444A (CD-DA) for measurement.

Laser power control



7

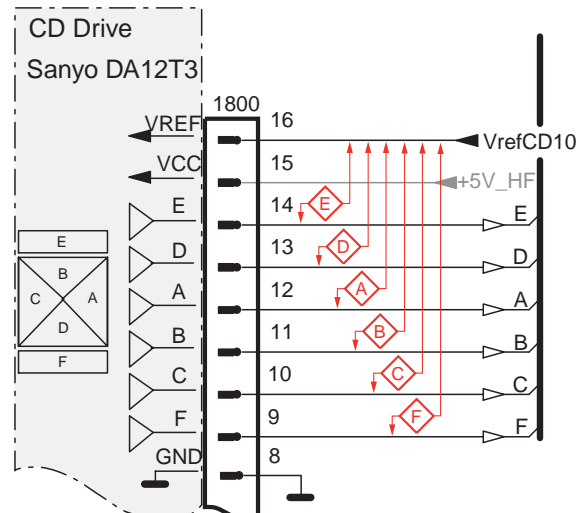
CD DRIVE – OFFSET MEASUREMENT

The photodiodes of the CD-drive may have an offset. These offsets have to be compensated by the signal processor. High offsets can lead to poor playability of some CDs (skipping tracks).

To measure the offset values, start the **Service Test Program** - section "Focus Test" without a CD.

The offsets can be measured with a DC Millivoltmeter directly on the connector (see drawing below). Pin numbering varies from drive to drive.

The values from diode A-D should read $0 \pm 10mV$. Diodes E and F are less critical.



If one of the offsets is higher than $\pm 10mV$ the CD drive has to be replaced. Otherwise replace the Signal Processor.

TECHNICAL SPECIFICATIONS

GENERAL

| | |
|-----------------|------------------------------|
| Mains voltage | -/12 : 230 V |
| | -/05 : 240 V |
| | -/37 : 120 V |
| Mains frequency | -/22/05 : 50 Hz |
| | -/37 : 60 Hz |
| Battery | Centre remote : 6V (R03 x 4) |
| | Station remote : CR2025 x 1 |

| | | |
|-------------------|--------|------------------|
| Power consumption | Active | WAC7500 : < 45 W |
| | | WAS7500 : < 25 W |
| Standby | | WAC7500 : < 22 W |
| | | WAS7500 : < 20 W |
| Eco-standby | | WAC7500 : < 1 W |
| | | WAS7500 : < 1 W |

| | |
|-----------------------|------------------------------|
| Dimension (W x H x D) | WAC7500 : 616 x 272 x 172 mm |
| | WAS7500 : 387 x 272 x 128 mm |
| | |

| | |
|--------|------------------|
| Weight | WAC7500 : 8.8 Kg |
| | WAS7500 : 3.6 Kg |

AMPLIFIER

| | | |
|-----------------------|--------------------------------|--------------------|
| Output power (RMS) | WAC7500 : 2 x 20 + 40 W (RMS) | |
| | WAS7500 : 2 x 7.5 + 15 W (RMS) | |
| Speaker impedance | WAS7500 : 4 Ω (Panel) | |
| | | : 14 Ω (subwoofer) |
| | WAC7500 : 6 Ω (Panel) | |
| | : 6 Ω (subwoofer) | |
| Frequency response | : 75 Hz - 20 kHz (±3dB) | |
| S/N Ratio | : > 72 dBA (IEC) | |
| Aux input sensitivity | : 500mV | |
| Headphone Impedance | : 16Ω – 150 Ω | |

WIRELESS

| | |
|-------------------|----------------------------------|
| Wireless standard | : 802.11g |
| | (backward compatible to 802.11b) |
| Wireless security | : WEP 64 or 128bit |
| | WPA / WPA2(8-63 characters) |
| Frequency range | : 2412-2462 MHz |
| | (CH1-CH11) |

Wired (LAN / Ethernet)

| | |
|---------------------------------|----------------------|
| Wired standard | : 802.3/802.3u |
| Speed | : 10 / 100 MBit/s |
| Mode | : half / full duplex |
| Crossover detection (Auto MDIX) | : Yes |

TUNER - FM SECTION

| | |
|-------------------|-----------------------------------|
| Tuning range | : 87.5 - 108 MHz |
| IF frequency | : 10.7 MHz ± 0.2 MHz |
| Number of presets | : 60 |
| FM Antenna/cable | : COAX / |
| | Dipole-antenna(75Ω IEC-connector) |

HDD/CD player (wac7500 only)

| | |
|-------------------------|------------------------------|
| Frequency Range | : 60-2000 Hz, -3 dB |
| S/N ratio | : ≥ 72 dBA (IEC) |
| MPEG 1 Layer 3 (MP3-CD) | : MPEG AUDIO |
| MP3-CD bit rate | : 32- 320 kbps, VBR, |
| | 128 kbps advised |
| WMA bit rate | : up to 160kbps |
| Sampling frequencies | : 32, 44.1, 48 kHz |
| HDD Storage capacity | : 80GB* |
| Recording quality | : 128 or 160,192,256,320kbps |
| Recording speed | : 1x, 4x |

* Actual free space is 70GB or less, due to the buffer partition for MP3 compression, firmware, music CD database and demo tracks stored.





















USB player

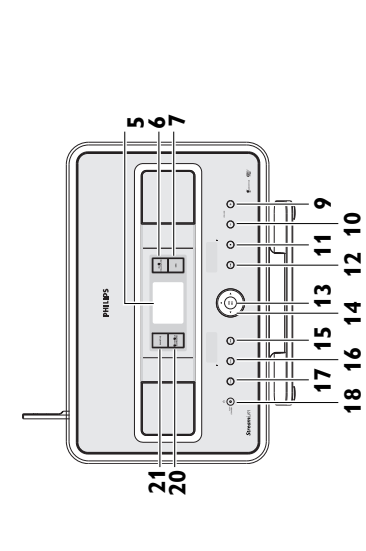
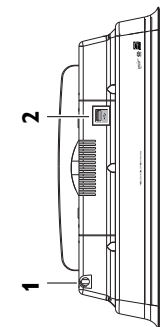
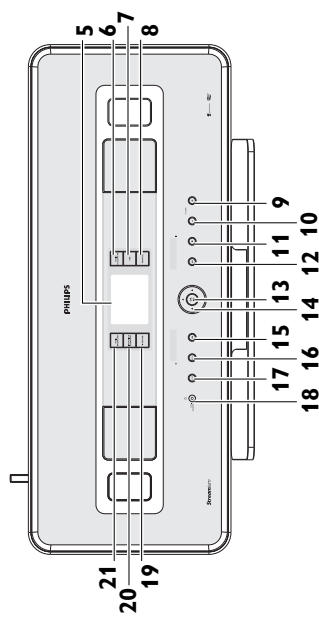
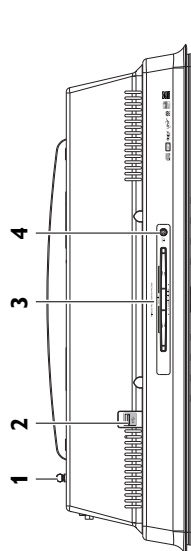
| | |
|-------------------------|-----------------------------------|
| USB | : 12Mb/s, V1.1 |
| | (supports MP3, WMA and M4A files) |
| USB class | : MSC, MTP |
| Number of tracks/titles | : maximum 9999 |

Specifications and external appearance are subject to change without notice.




Controls

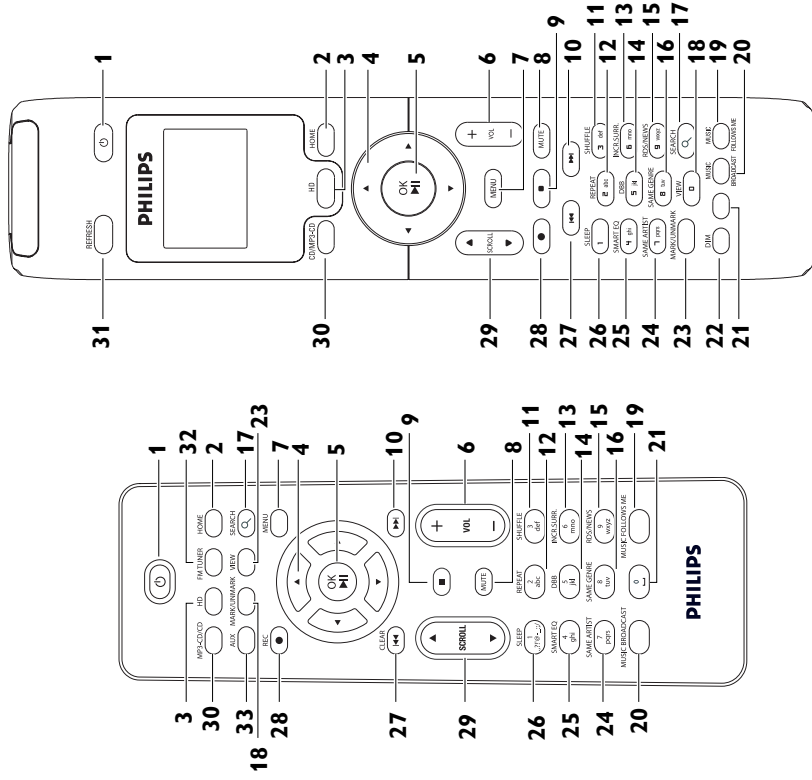
2.2.1 Controls on Center and Station

- 1 Antenna**
- 2 USB jack**
- 3 Disc slot (loader) (only )**
Insert discs with graphics facing you
- 4  (only )**
Ejects a disk from the CD slot
- 5 LCD**
Display shows the status of the set
- 6 MUSIC FOLLOWS ME**
HD: moves music playback between Center and Station
- 7 DBB (Dynamic Bass Boost)**
Toggles the bass enhancement between on (DBB1, DBB2, DBB3) and off
- 8 SMART EQ (only )**
HD: selects the sound settings for the current music type (genre)
- 9 VOLUME +**
Adjusts the volume level up
- 10 VOLUME -**
Adjusts the volume level down
- 11 **
Stops playback or recording
- 12 **
Press to skip to next track / press & hold to fast forward
- 13 OK / **
Starts or pauses playback
- 14  /  /  / **
Navigation controls (left, right up, down) allow you to scroll through the option lists
- 15  **
Press to skip to previous track / press & hold to rewind
- 16 MENU**
Enters or exits setup menu
- 17 HOME**
Selects **HD Music** , **CD** , **Radio** , **UPnP** (Universal Plug & Play) , **Portable** (USB Universal Serial Bus) , or **AUX** (separately connected device) 
- 18  ON / STANDBY / ECO STANDBY**
Press briefly to toggle between modes Standby and ON.
Press & hold to toggle power modes between ON and Eco Standby (power-saving mode).
Green indicator light = the set is switched ON.
Red indicator light = the set is switched to Standby or Eco Standby.












Controls

- 19 ● **RECORD** (only 
CD/Radio/AUX: starts to record to the **HARDDISK (HD)**
- 20 **INCR.SURR.**
Selects Incredible Surround sound effect
- 21 **MUSIC BROADCAST** (only 
HD: broadcasts music from the Center to the Station
- SMART EQ** (only 
HD: selects the sound settings for the current Genre



Controls








- 1  Press briefly to switch the set to ON or Standby
Press & hold to switch the set to Eco Standby (power-saving mode)
- 2 **HOME**
Selects **HD Music**, **CD**, **Radio**, **UPnP** (Universal Plug & Play), **Portable** (USB Universal Serial Bus), or **AUX** (separately connected device)
In Standby mode: switches the set **ON** and selects **HD Music**, **CD**, **Radio**, **UPnP**, **Portable**, or **AUX**.
- 3 **HD**
Selects HD (Harddisk) source
In Standby mode: switches the set **ON** and selects HD (Harddisk) source
- 4    
Navigation controls (left, right, up, down) allow you to scroll through the option lists
- 5 **OK**, 
Confirms selection starts playing
- 6 **VOL +, -**
Adjusts the volume level up or down
- 7 **MENU**
Enters or exits the setup menu
- 8 **MUTE**
Deactivates the sound temporarily
- 9 
Stops playback or recording
- 10 
Press to skip to previous track / press & hold to fast forward
- 11 **SHUFFLE** (3 def)
Selects random playback
- 12 **REPEAT** (2 abc)
Selects continuous playback
- 13 **INCR.SURR.** (6 mno)
Selects Incredible Surround sound effect
- 14 **DBB** (Dynamic Bass Boost) (5 jkl)
Toggles the bass enhancement between on (DBB1, DBB2, DBB3) and off
- 15 **RDS/NEWS** (9 wxyz)
Radio: selects RDS information
HD/CD/UPnP/AUX/USB: toggles between NEWS function on or off
- 16 **SAME GENRE** (8 tuv)
HD: plays all the tracks of the current Genre
- 17 **SEARCH** (img alt="Search icon" data-bbox="755 175 771 185"/>
Searches by leading keywords
- 18 **MARK/UNMARK** (0 V) (only 
Selects or deselects tracks you want to record (press & hold to select/deselect ALL tracks)
- 19 **MUSIC FOLLOWS ME**
HD: moves music playback between Center and Station

1-WAY REMOTE CONTROL

2-WAY REMOTE CONTROL

CONNECTION AND CONTROLS

Controls

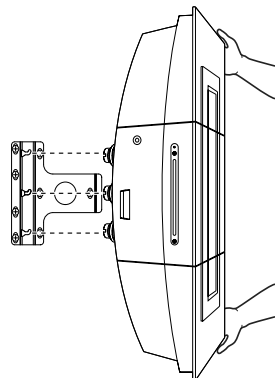
- 20 MUSIC BROADCAST** (only 
HD: broadcasts music from Center to Station
- 21** Spare
- 22 DIM**
 Toggles display brightness between dim and normal
- 23 VIEW**
 Toggles between playback screen and previous options list
- 24 SAME ARTIST (7 pqrs)**
HD: plays all the tracks of the current artist
HD: enables wireless range extender (refer to extender's manual for details)
- 25 SMART EQ (4 ghi)**
HD: selects the sound settings for the current Genre
- 26 SLEEP (1 ,?!@-:!)**
 Adjusts, displays or switches off the sleep timer
- 27** 
 Press to skip to previous track / press & hold to rewind
- CLEAR**
Text entry: deletes the input before the cursor
- 28 REC**  (only 
CD/Radio/AUX: starts to record to the HD
- 29 SCROLL**  
 Scrolls the display screen up or down
- 30 CD/MP3-CD** (only 
 Selects CD source
In Standby mode: switches the set ON and selects CD source
- 31 REFRESH**
 Synchronizes the displays of the set and the remote control
- 32 FM TUNER**
 Selects FM radio
- 33 AUX**
 Selects AUX (separately connected device)

For more information on operation instruction please visit Philips Audio internet site :
<http://www.audio.philips.com>

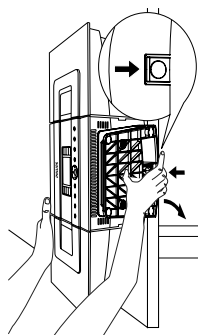
CONNECTION AND CONTROLS

Appendix

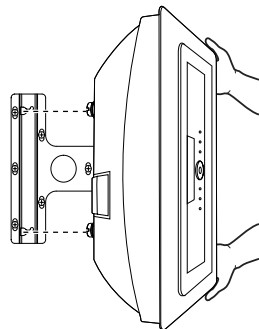
- 5 To detach the stand from Center or Station,
 - As shown, hold down the **Lock-unlock** button(s).
 - Move out the stand to detach.



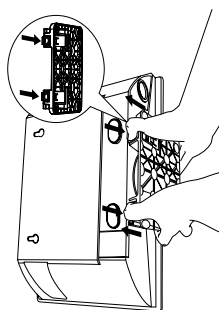
Center



- 7 As shown, hook and mount Center or Station in place.

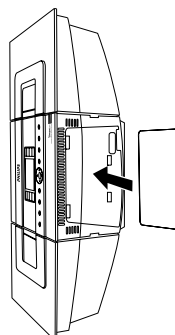


Center



Station

- 6 On Center, insert the supplied protective card sheet where the stand was installed.



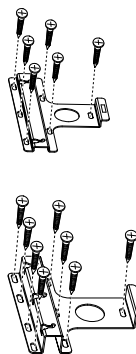
Appendix

Preparation

- To find a suitable location for mounting, try your necessary rear connections and the Wi-Fi connection between Center and Station (see the chapter **Installation**).
- Ask a qualified person to help you with the wall mounting, who should:
 - to avoid unexpected damage, learn about the piping, wiring and other relevant information inside your walls;
 - according to your walls' materials, decide what type of screws you need to fix the mounting brackets and hold the weight of a Center or Station;
 - according to the drilling requirements, choose suitable drilling tools;
 - take other precautions necessary for the wall mounting work.

Mounting your Center or Station

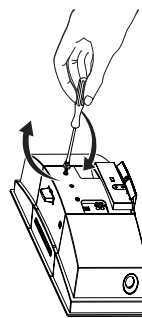
- Align the bracket (for Center or Station) in the chosen location on a wall. Use a pencil to mark the drilling positions.



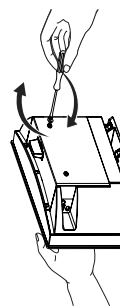
Center

Station

- Drill holes as marked.
- Fix the brackets to the wall using suitable screws (not supplied).
- As shown, fasten the supplied screws to your Center or Station using a screwdriver



Center



Station

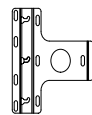
How to mount your Center and Station onto walls

IMPORTANT!

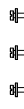
- The wall mounting instructions are for the use of the qualified wall mounting person only!
- Ask a qualified person to help you with the wall mounting, which includes drilling holes on the wall, fixing the mounting brackets to the wall, and mounting the sets onto the brackets.

What's in the supplied mounting kits

For Center:



1 x mounting bracket

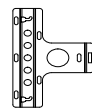


3 x screws (for Center mounting)



1 x protective card sheet

For Station:



1 x mounting bracket



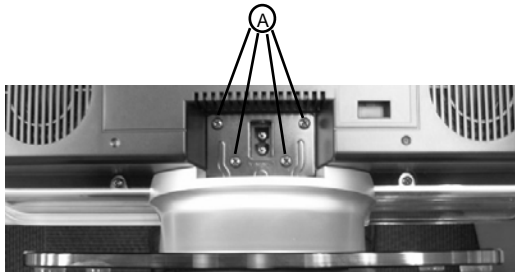
2 x screws (for Station mounting)

What else you'll need

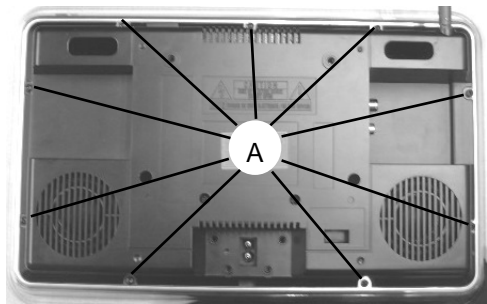
- 8 x screws for fixing the Center's bracket
- 6 x screws for fixing the Station's bracket
- Drilling tools (e.g. electric drill)

DISASSEMBLY INSTRUCTION(waS7500)

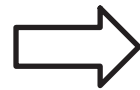
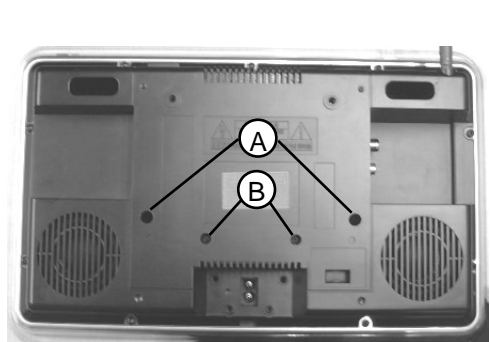
1.REMOVE STAND ASSEMBLY
REMOVE SCREW T4 X 8 - 4PCS - (A)



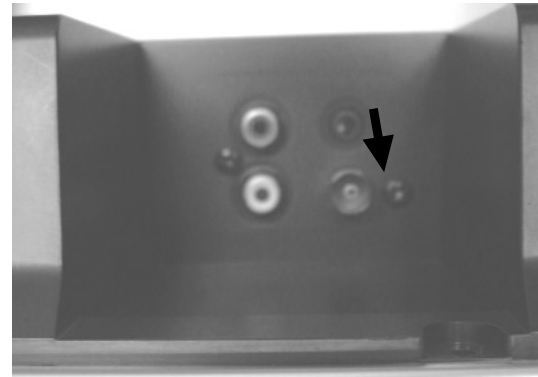
2.REMOVE FLARE COVER
REMOVE SCREWS T3 X 16 - 16PCS - (A)



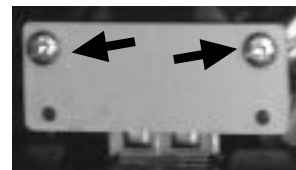
3.REMOVE FRONT ASSEMBLY
REMOVE SCREWS T3 X 16 - 2PCS - (A)
REMOVE SCREWS M3 X 8 - 2PCS - (B)



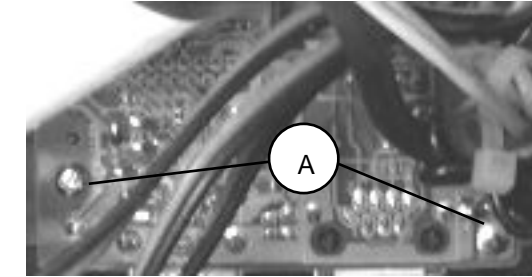
4.REMOVE TUNER MODULE
REMOVE SCREW M3 X 10 - 1PCS



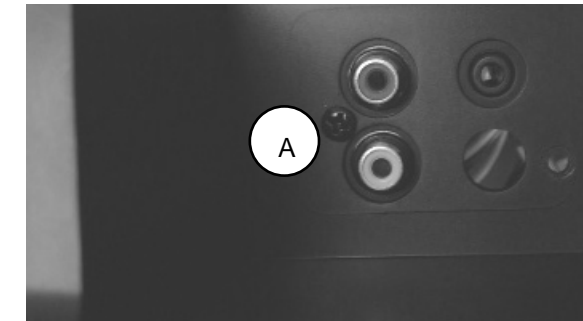
5.REMOVE USB SOCKET
REMOVE SCREWS T2.5 X 8 - 2PCS



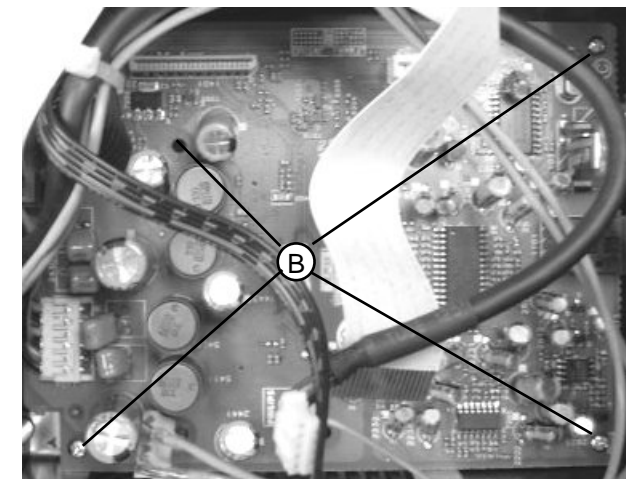
6.REMOVE IPOD & ETH BOARD
REMOVE SCREWS T2.5 X 8 - 2PCS - (A)



7.REMOVE AF BOARD
REMOVE SCREW T3 X 10 - 1PCS - (A)

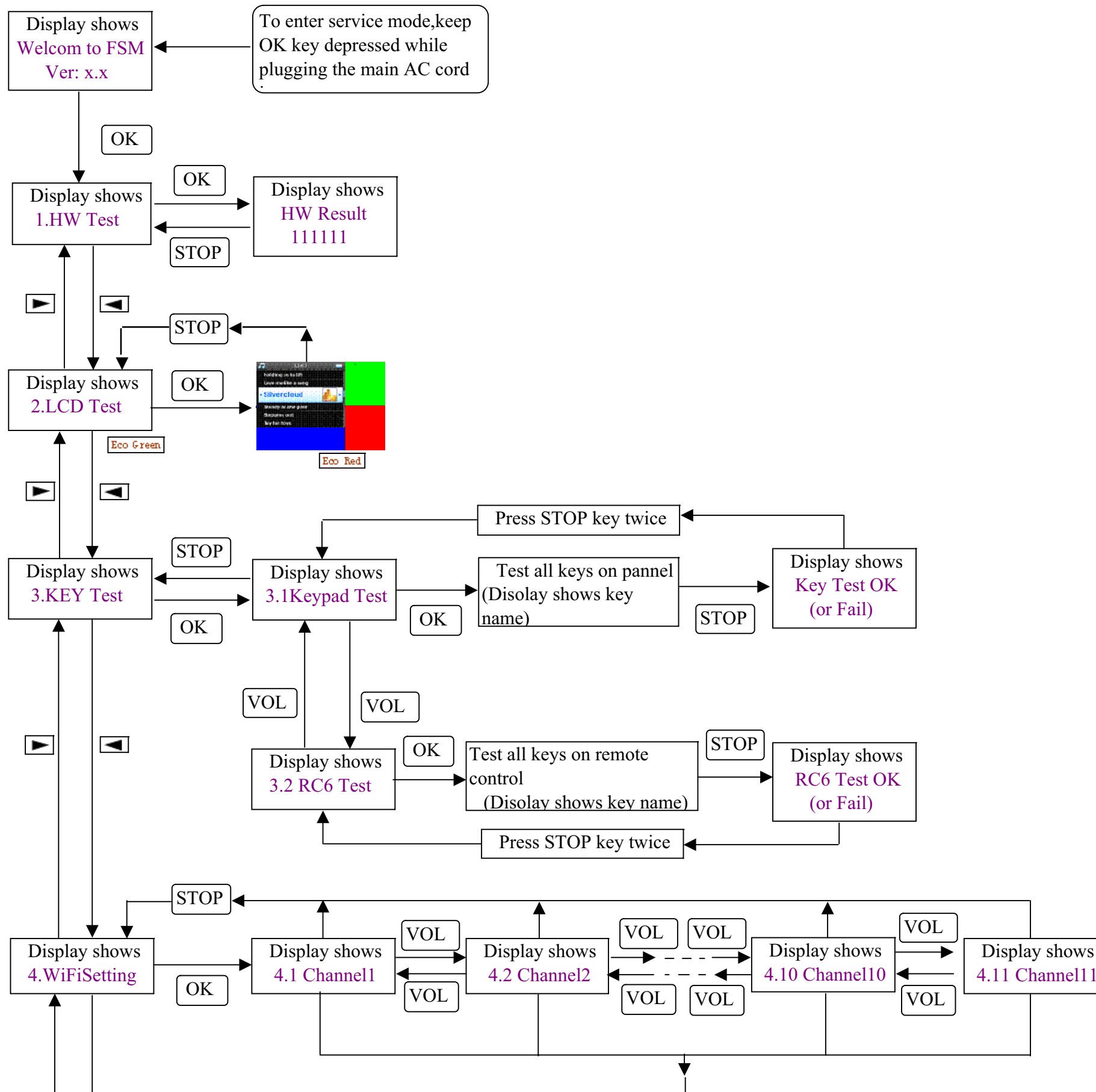


REMOVE SCREW T2.5 X 8 - 4PCS - (B)

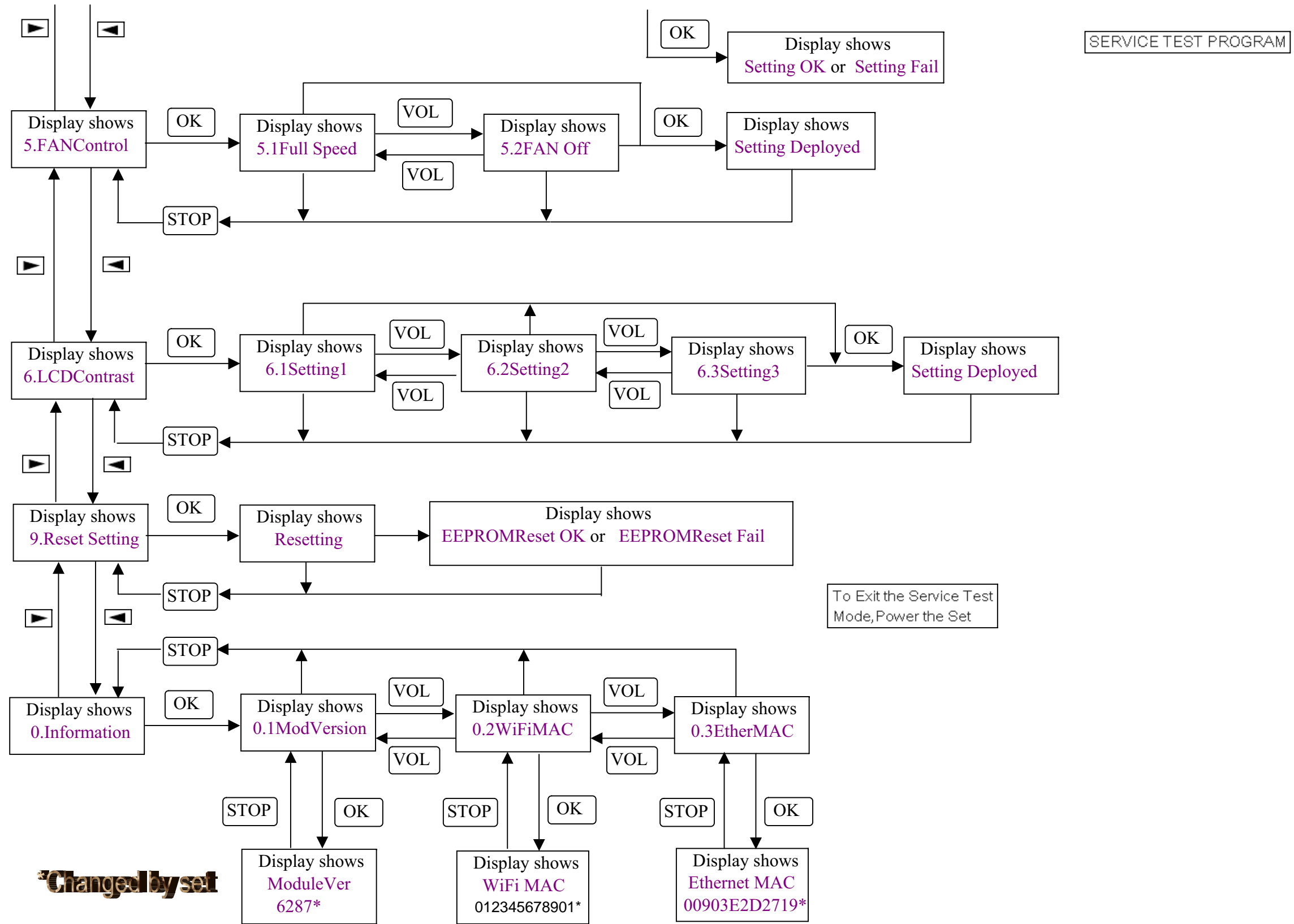


SERVICE TEST PROGRAM

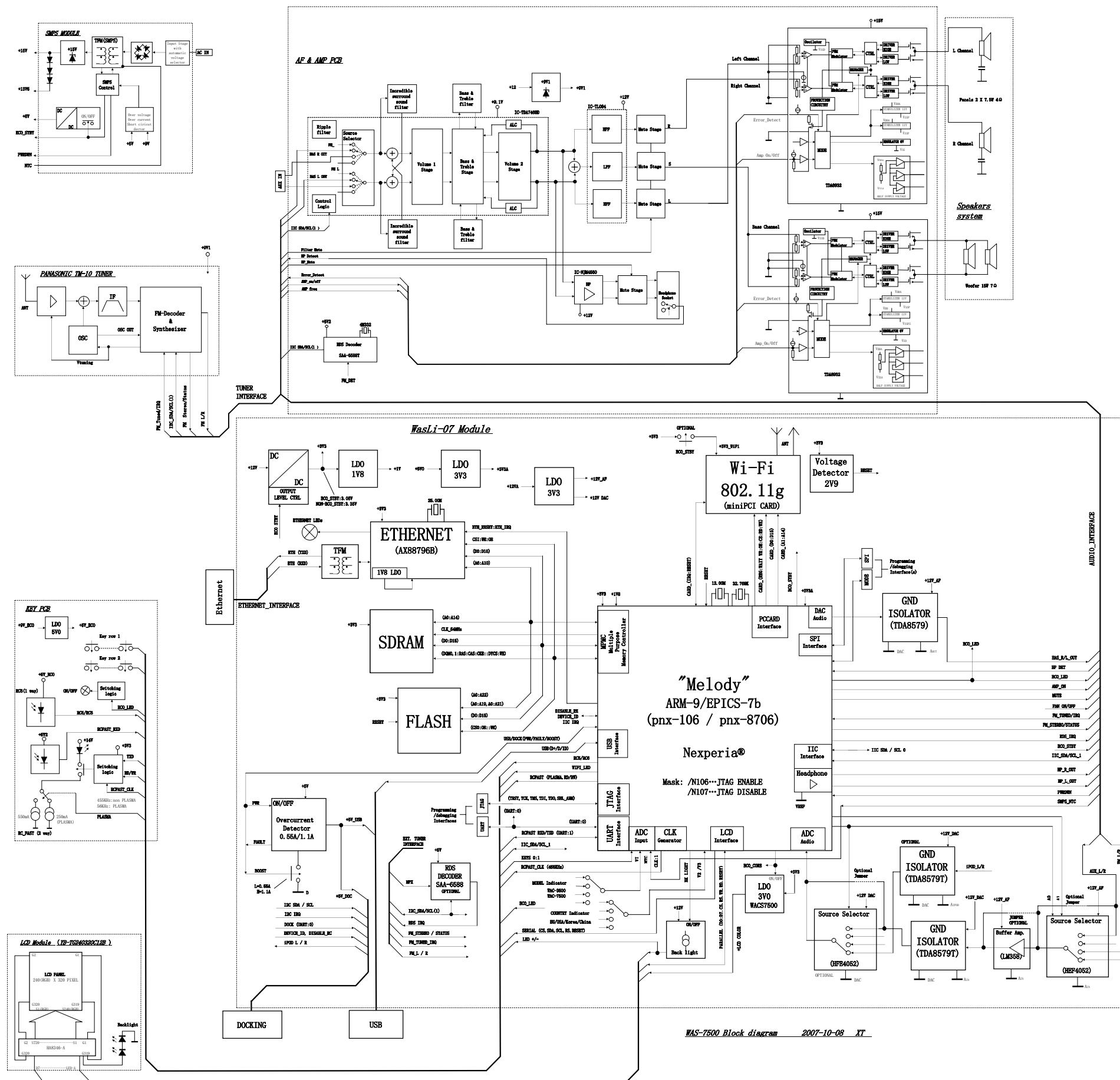
SERVICE TEST PROGRAM



SERVICE TEST PROGRAM

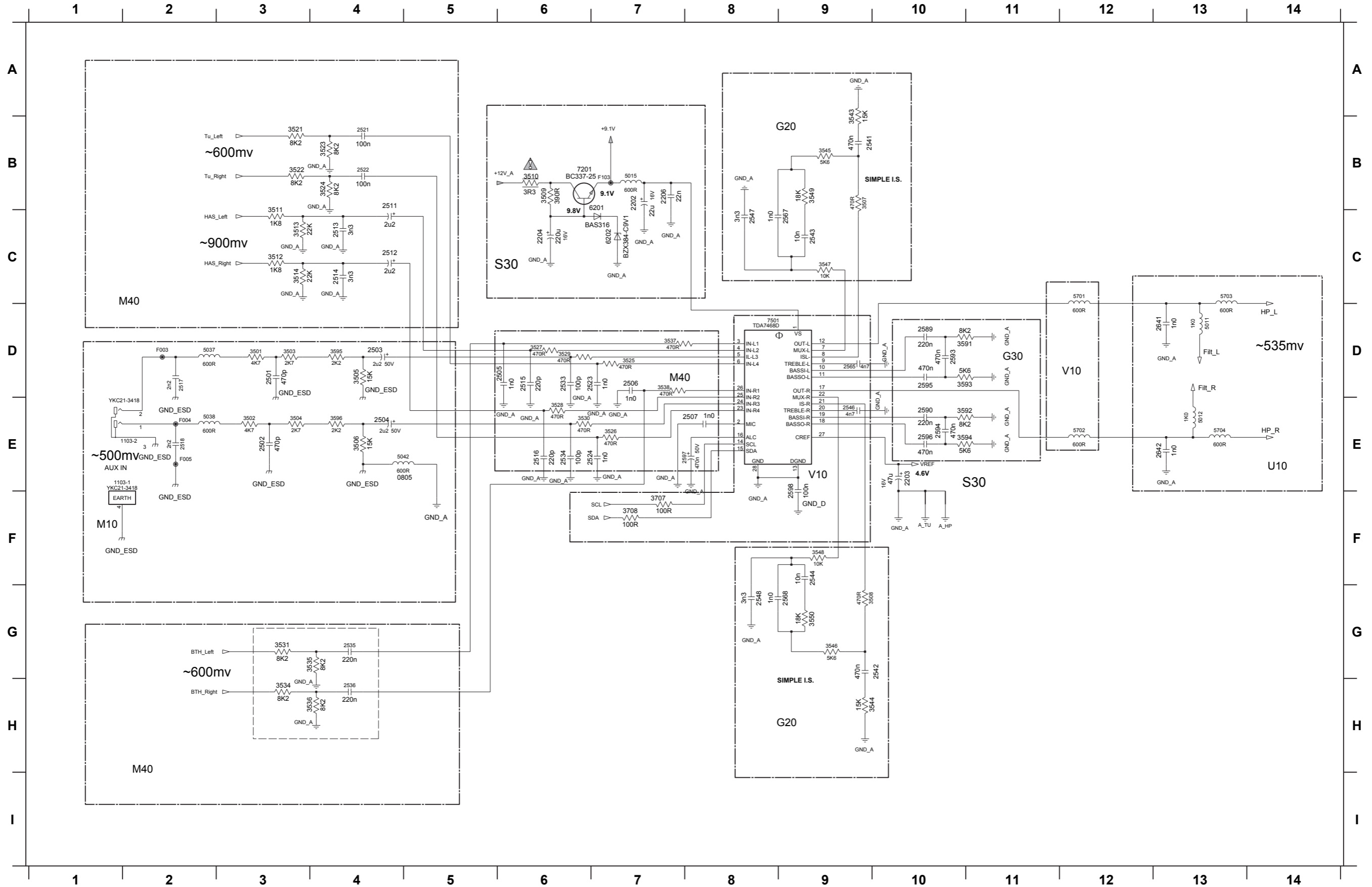


SET BLOCK DIAGRAM(waS7500)



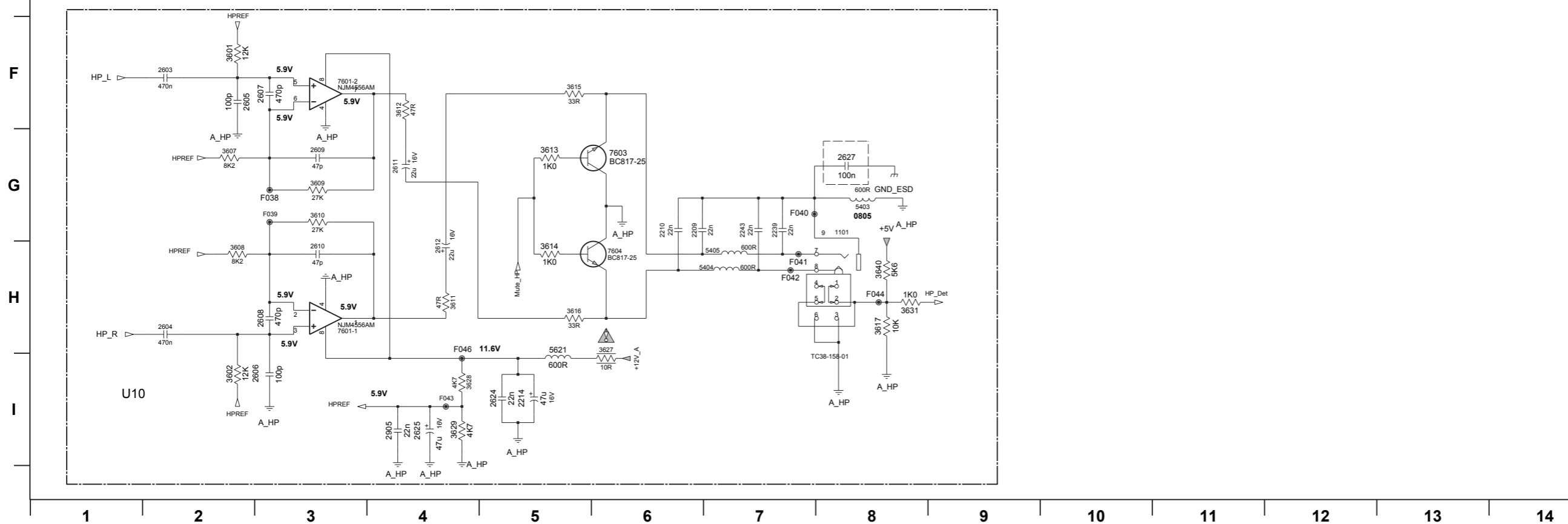
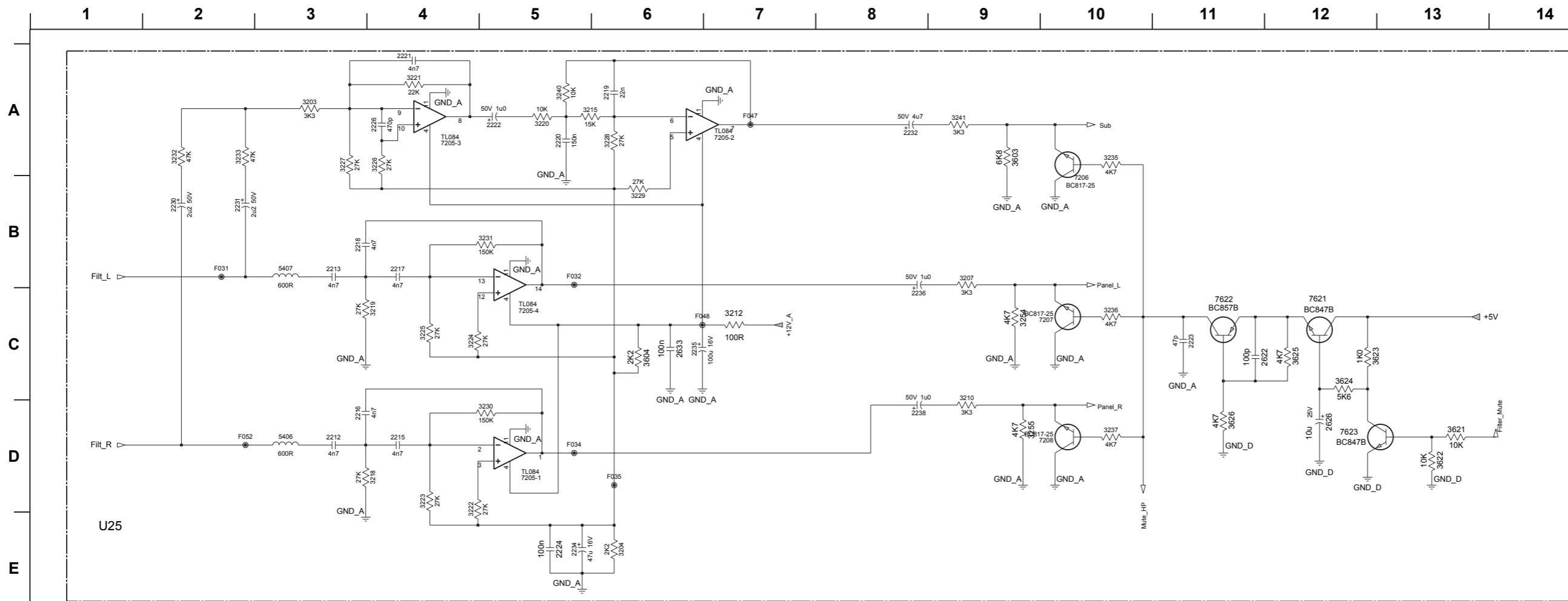
was-7500 Block diagram 2007-10-08 XT

AF & AMP (MEM) - CIRCUIT DIAGRAM(waS7500)



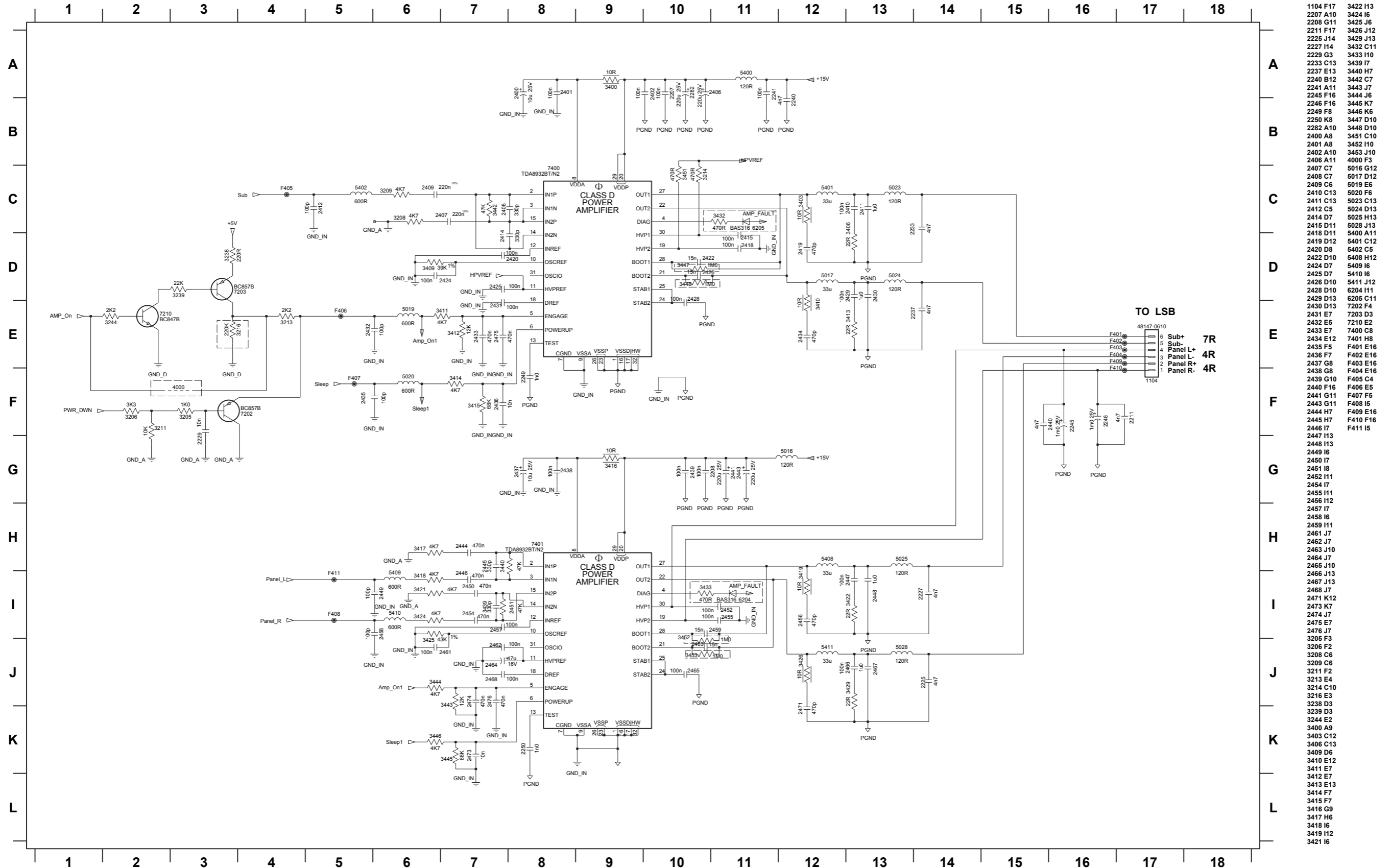
- 1103-1 E1
- 1103-2 E2
- 2202 B7
- 2203 E10
- 2204 C6
- 2206 B7
- 2501 D3
- 2502 E3
- 2503 D4
- 2504 E4
- 2505 D6
- 2506 D7
- 2507 E8
- 2511 B4
- 2512 C4
- 2513 C4
- 2514 C4
- 2515 D6
- 2516 E6
- 2517 D2
- 2518 E2
- 2521 B4
- 2522 B4
- 2523 D7
- 2524 E7
- 2523 D6
- 2534 E6
- 2535 G4
- 2536 H4
- 2541 B9
- 2542 G10
- 2543 C9
- 2544 F9
- 2546 E9
- 2547 C8
- 2548 G8
- 2565 D9
- 2567 C9
- 2568 G9
- 2589 D10
- 2590 E10
- 2593 D10
- 2594 E10
- 2595 D10
- 2596 E10
- 2597 E8
- 2598 E9
- 2641 D13
- 2642 E13
- 3501 D3
- 3502 E3
- 3503 D3
- 3504 E3
- 3505 D4
- 3506 E4
- 3507 B9
- 3508 G9
- 3509 B6
- 3510 B6
- 3511 C3
- 3512 C3
- 3513 C3
- 3514 C3
- 3521 B3
- 3522 B3
- 3523 B4
- 3524 B4
- 3525 D7
- 3526 E7
- 3527 D6
- 3528 E6
- 3529 D6
- 3530 E6
- 3531 G3
- 3534 H3
- 3535 G4
- 3536 H4
- 3537 D7
- 3538 D7
- 3543 B9
- 3544 H9
- 3545 B9
- 3546 G9
- 3547 C9
- 3548 F9
- 3549 B9
- 3550 G9
- 3591 D10
- 3592 E10
- 3593 D10
- 3594 E10
- 3595 D4
- 3596 E4
- 3707 F7
- 3708 F7
- 5011 D13
- 5012 E13
- 5015 B7
- 5037 D2
- 5038 E2
- 5042 E4
- 5701 C12
- 5702 E12
- 5703 C13
- 5704 E13
- 6201 B7
- 6202 C7
- 7201 B7
- 7501 D9
- F003 D2
- F004 E2
- F005 E2
- F103 B7

AF & AMP (MEM) - CIRCUIT DIAGRAM(waS7500)



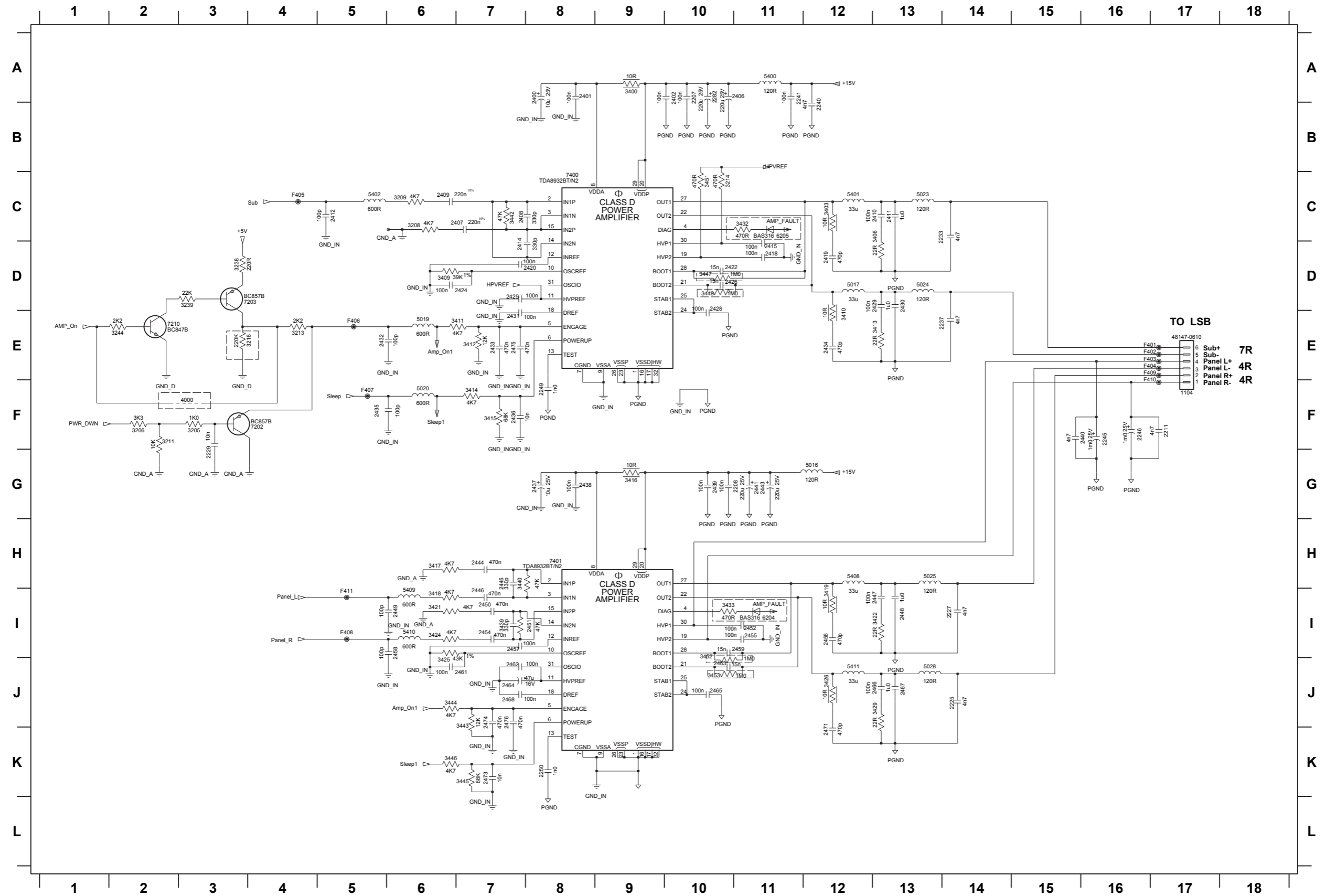
- 1101 G8
- 2209 G6
- 2210 G6
- 2212 D3
- 2213 B3
- 2214 I5
- 2215 D4
- 2216 D3
- 2217 B4
- 2218 B3
- 2219 A6
- 2220 A5
- 2221 A4
- 2222 A5
- 2223 C11
- 2224 E5
- 2225 A4
- 2230 B2
- 2231 B2
- 2232 A8
- 2234 E5
- 2235 C6
- 2236 C8
- 2238 D8
- 2239 G7
- 2243 G7
- 2603 F2
- 2604 H2
- 2605 F2
- 2606 I3
- 2607 F3
- 2608 H3
- 2609 G3
- 2610 H3
- 2611 G4
- 2612 H4
- 2622 C11
- 2624 I5
- 2625 I4
- 2626 D12
- 2627 G8
- 2633 C6
- 2905 I4
- 3203 A3
- 3204 E6
- 3207 B9
- 3210 D9
- 3212 C7
- 3215 A5
- 3218 D4
- 3219 C4
- 3220 A5
- 3221 A4
- 3222 D4
- 3223 D4
- 3224 C4
- 3225 C4
- 3227 A3
- 3228 A6
- 3229 B6
- 3230 D5
- 3231 B5
- 3232 A2
- 3233 A2
- 3235 A10
- 3236 C10
- 3237 D10
- 3240 A5
- 3241 A9
- 3254 C9
- 3255 D9
- 3601 F2
- 3602 I2
- 3603 A9
- 3604 C6
- 3607 G2
- 3608 H2
- 3609 G3
- 3610 G3
- 3611 H4
- 3612 F4
- 3613 G5
- 3614 H5
- 3615 F5
- 3616 H5
- 3617 H8
- 3621 D13
- 3622 D13
- 3623 C12
- 3624 C12
- 3625 C12
- 3626 D11
- 3627 H6
- 3628 I4
- 3629 I4
- 3631 H8
- 3640 H8
- 5403 G8
- 5404 H7
- 5405 H7
- 5406 D3
- 5407 B3
- 5621 H5
- 7205-1 D5
- 7205-2 A7
- 7205-3 A4
- 7205-4 C5
- 7206 A10
- 7207 C10
- 7208 D10
- 7601-1 H3
- 7601-2 F3
- 7603 G6
- 7604 H6
- 7621 C12
- 7622 C11
- 7623 D12
- F031 B2
- F032 B5
- F034 D5
- F038 G3
- F039 G3
- F042 H7
- F043 I4
- F044 H8
- F046 H4
- F047 A7
- F048 C6
- F052 D2

AF & AMP (MEM) - CIRCUIT DIAGRAM(waS7500)



- 1104 F17
- 2207 A10
- 2208 G11
- 2211 F17
- 2225 J14
- 2227 I14
- 2229 G3
- 2233 C13
- 2237 E13
- 2240 B12
- 2241 A11
- 2245 F16
- 2246 F16
- 2249 F8
- 2250 K8
- 2282 A10
- 2400 A8
- 2401 A8
- 2402 A10
- 2406 A11
- 2407 C7
- 2408 C7
- 2409 C6
- 2410 C13
- 2411 C13
- 2412 C5
- 2414 D7
- 2415 D11
- 2418 D11
- 2419 D12
- 2420 D8
- 2422 D10
- 2424 D7
- 2425 D7
- 2426 D10
- 2428 D10
- 2429 D13
- 2430 D13
- 2431 E7
- 2432 E5
- 2433 E7
- 2434 E12
- 2435 F5
- 2436 F7
- 2437 G8
- 2438 G8
- 2439 G10
- 2440 F16
- 2441 G11
- 2443 G11
- 2444 H7
- 2446 H7
- 2447 I3
- 2448 I3
- 2449 I6
- 2450 I7
- 2451 I8
- 2452 I11
- 2454 I7
- 2455 I11
- 2456 I12
- 2457 I7
- 2458 I6
- 2459 I11
- 2461 J7
- 2462 J7
- 2463 J10
- 2464 J7
- 2465 J10
- 2466 J13
- 2467 J13
- 2468 J7
- 2471 K12
- 2474 J7
- 2475 E7
- 2476 J7
- 3205 F3
- 3206 F2
- 3208 C6
- 3209 C6
- 3211 F2
- 3213 E4
- 3214 C10
- 3216 E3
- 3238 D3
- 3239 D3
- 3244 E2
- 3400 A9
- 3403 C12
- 3406 C13
- 3409 D6
- 3410 E12
- 3411 E7
- 3412 E7
- 3413 E13
- 3414 F7
- 3415 F7
- 3416 G9
- 3417 H6
- 3418 I6
- 3419 I12
- 3421 I6
- 3422 I13
- 3424 I6
- 3425 J6
- 3426 J12
- 3429 J13
- 3432 C11
- 3433 I10
- 3439 I7
- 3440 H7
- 3442 C7
- 3443 J7
- 3444 J6
- 3445 K7
- 3446 K6
- 3447 D10
- 3448 D10
- 3451 C10
- 3452 I10
- 3453 J10
- 4000 F3
- 5016 G12
- 5017 D12
- 5019 E6
- 5020 F6
- 5023 C13
- 5024 D13
- 5025 H13
- 5028 J13
- 5400 A11
- 5401 C12
- 5402 C5
- 5408 H12
- 5409 I6
- 5410 I6
- 5411 J12
- 6204 I11
- 6205 C11
- 7202 F4
- 7203 D3
- 7210 E2
- 7400 C8
- 7401 H8
- F401 E16
- F402 E16
- F403 E16
- F404 E16
- F405 C4
- F406 E5
- F407 F5
- F408 I5
- F409 E16
- F410 F16
- F411 I5

AF & AMP (MEM) - CIRCUIT DIAGRAM(waS7500)

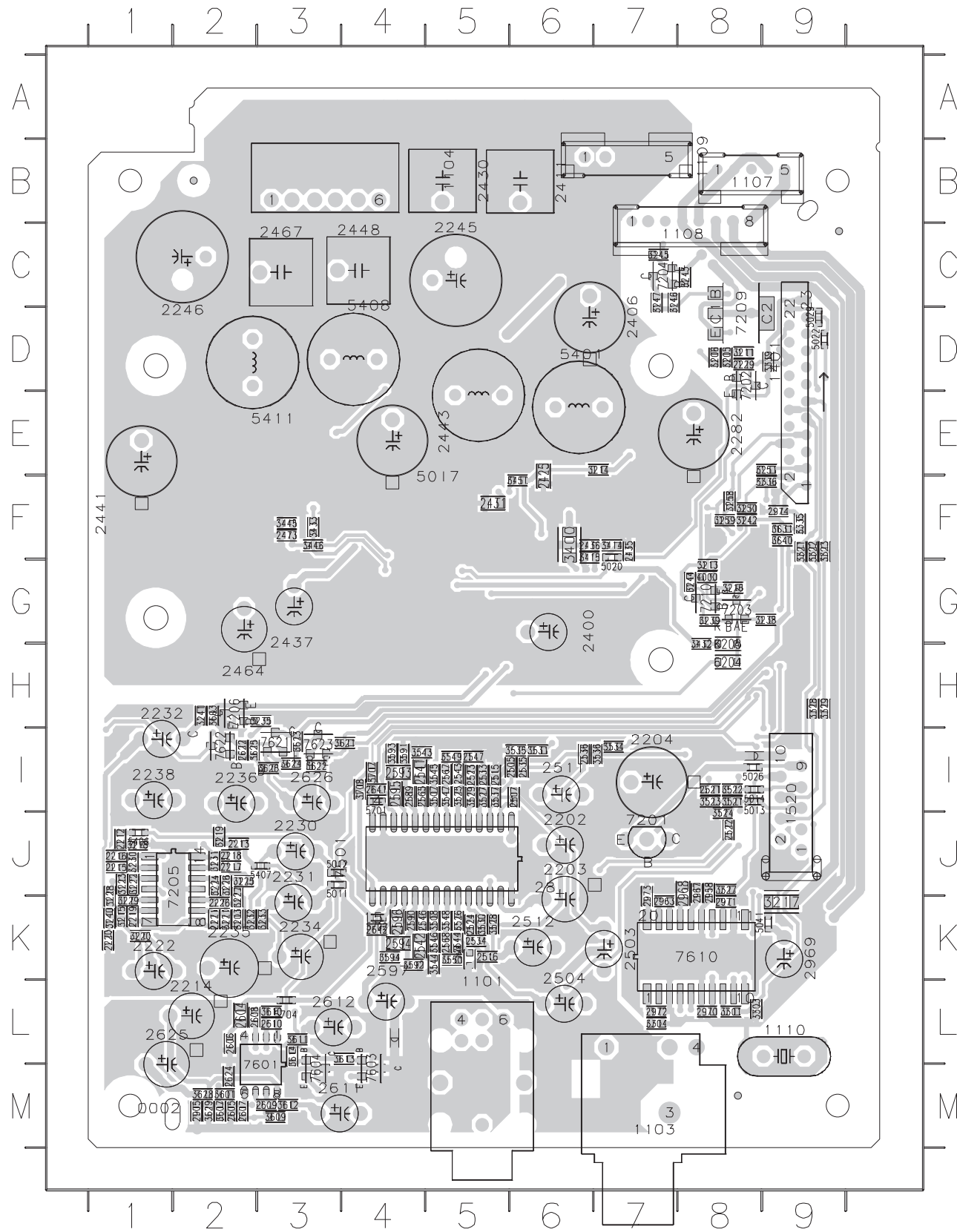


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|------|-----|------|-----|
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| 2207 | A10 | 3424 | I6 |
| 2208 | G11 | 3425 | J6 |
| 2211 | F17 | 3426 | J12 |
| 2225 | J14 | 3429 | J13 |
| 2227 | I14 | 3432 | C11 |
| 2229 | G3 | 3433 | I10 |
| 2233 | C13 | 3439 | I7 |
| 2237 | E13 | 3440 | H7 |
| 2240 | B12 | 3442 | C7 |
| 2241 | A11 | 3443 | J7 |
| 2245 | F16 | 3444 | J6 |
| 2246 | F16 | 3445 | K7 |
| 2249 | F8 | 3446 | K6 |
| 2250 | K8 | 3447 | D10 |
| 2282 | A10 | 3448 | D10 |
| 2400 | A8 | 3451 | C10 |
| 2401 | A8 | 3452 | I10 |
| 2402 | A10 | 3453 | J10 |
| 2406 | A11 | 4000 | F3 |
| 2407 | C7 | 5016 | G12 |
| 2408 | C7 | 5017 | D12 |
| 2409 | C6 | 5019 | E6 |
| 2410 | C13 | 5020 | F6 |
| 2411 | C13 | 5023 | C13 |
| 2412 | C5 | 5024 | D13 |
| 2414 | D7 | 5025 | H13 |
| 2415 | D11 | 5028 | J13 |
| 2418 | D11 | 5400 | A11 |
| 2419 | D12 | 5401 | C12 |
| 2420 | D8 | 5402 | C5 |
| 2422 | D10 | 5408 | H12 |
| 2424 | D7 | 5409 | I6 |
| 2425 | D7 | 5410 | I6 |
| 2426 | D10 | 5411 | J12 |
| 2428 | D10 | 6204 | I11 |
| 2429 | D13 | 6205 | C11 |
| 2430 | D13 | 7202 | F4 |
| 2431 | E7 | 7203 | D3 |
| 2432 | E5 | 7210 | E2 |
| 2433 | E7 | 7400 | C8 |
| 2434 | E12 | 7401 | H8 |
| 2435 | F5 | F401 | E16 |
| 2436 | F7 | F402 | E16 |
| 2437 | G8 | F403 | E16 |
| 2438 | G8 | F404 | E16 |
| 2439 | G10 | F405 | C4 |
| 2440 | F16 | F406 | E5 |
| 2441 | G11 | F407 | F5 |
| 2443 | G11 | F408 | I5 |
| 2444 | H7 | F409 | E16 |
| 2445 | H7 | F410 | F16 |
| 2446 | I7 | F411 | I5 |
| 2447 | I13 | | |
| 2448 | I13 | | |
| 2449 | I6 | | |
| 2450 | I7 | | |
| 2451 | I8 | | |
| 2452 | I11 | | |
| 2454 | I7 | | |
| 2455 | I11 | | |
| 2456 | I12 | | |
| 2457 | I7 | | |
| 2458 | I6 | | |
| 2459 | I11 | | |
| 2461 | J7 | | |
| 2462 | J7 | | |
| 2463 | J10 | | |
| 2464 | J7 | | |
| 2465 | J10 | | |
| 2466 | J13 | | |
| 2467 | J13 | | |
| 2468 | J7 | | |
| 2471 | K12 | | |
| 2473 | K7 | | |
| 2474 | J7 | | |
| 2475 | E7 | | |
| 2476 | J7 | | |
| 3205 | F3 | | |
| 3206 | F2 | | |
| 3208 | C6 | | |
| 3209 | C6 | | |
| 3211 | F2 | | |
| 3213 | E4 | | |
| 3214 | C10 | | |
| 3216 | E3 | | |
| 3238 | D3 | | |
| 3239 | D3 | | |
| 3244 | E2 | | |
| 3400 | A9 | | |
| 3403 | C12 | | |
| 3406 | C13 | | |
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| 3411 | E7 | | |
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| 3413 | E13 | | |
| 3414 | F7 | | |
| 3415 | F7 | | |
| 3416 | G9 | | |
| 3417 | H6 | | |
| 3418 | I6 | | |
| 3419 | I12 | | |
| 3421 | I6 | | |

TO LSB

| | | |
|---|----------|----|
| 6 | Sub+ | 7R |
| 5 | Sub- | 7R |
| 4 | Panel L+ | 4R |
| 3 | Panel L- | 4R |
| 2 | Panel R+ | 4R |
| 1 | Panel R- | 4R |

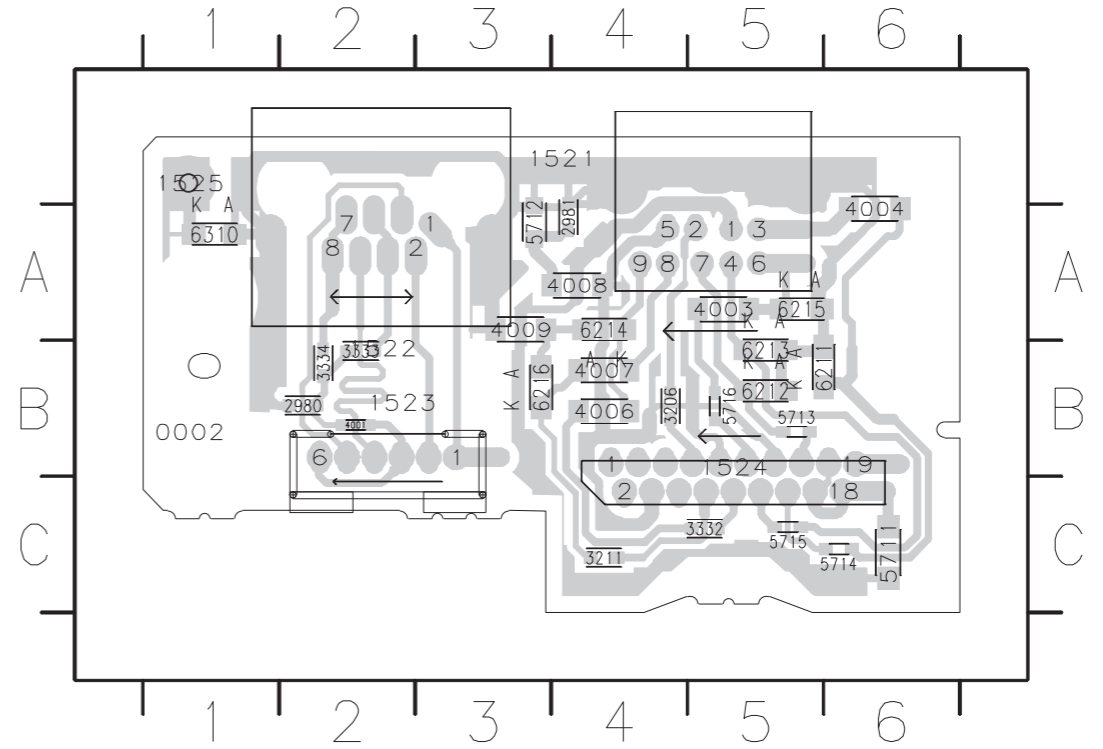
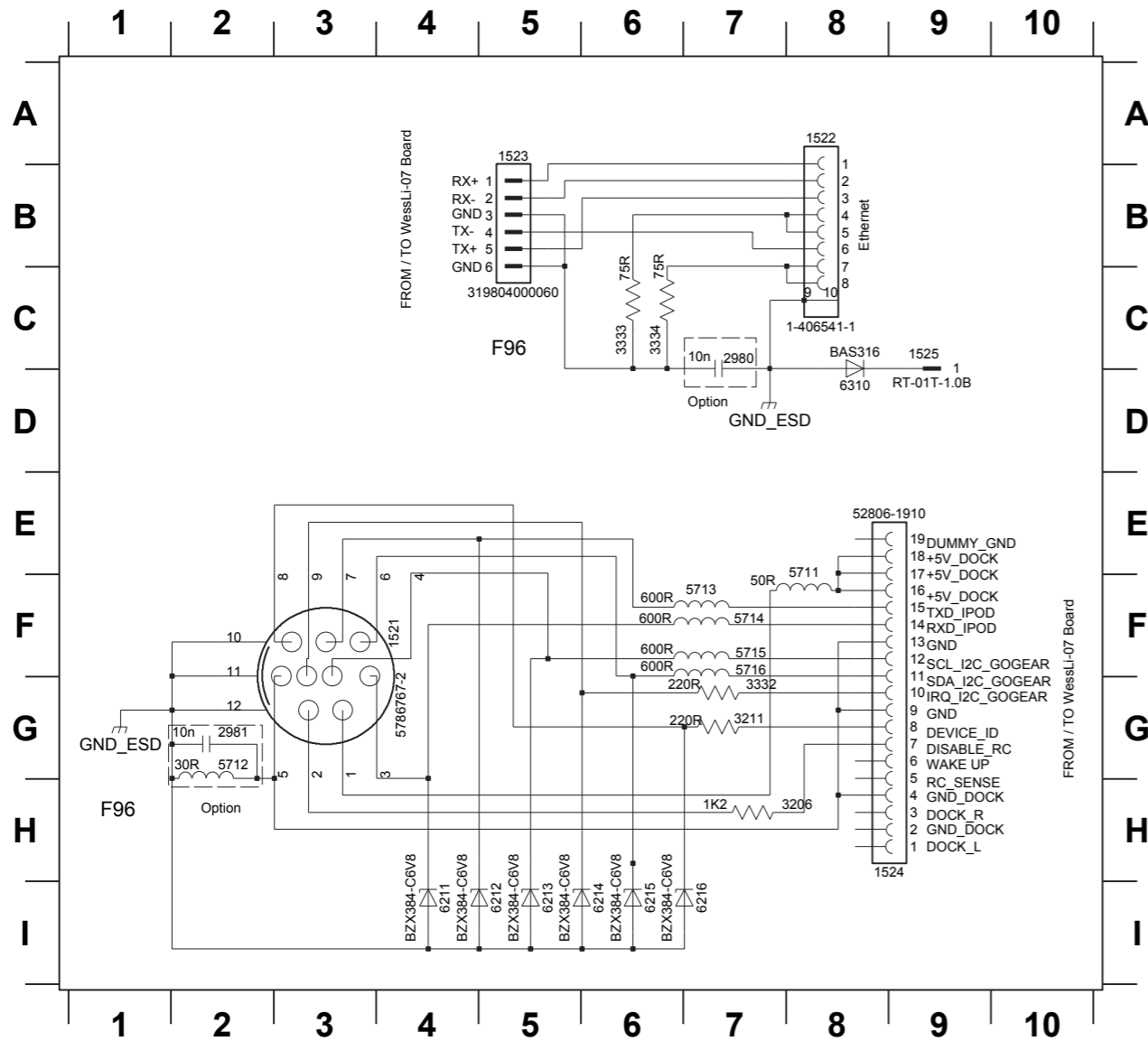
AF & AMP (MEM) - PCB LAYOUT DIAGRAM(waS7500)



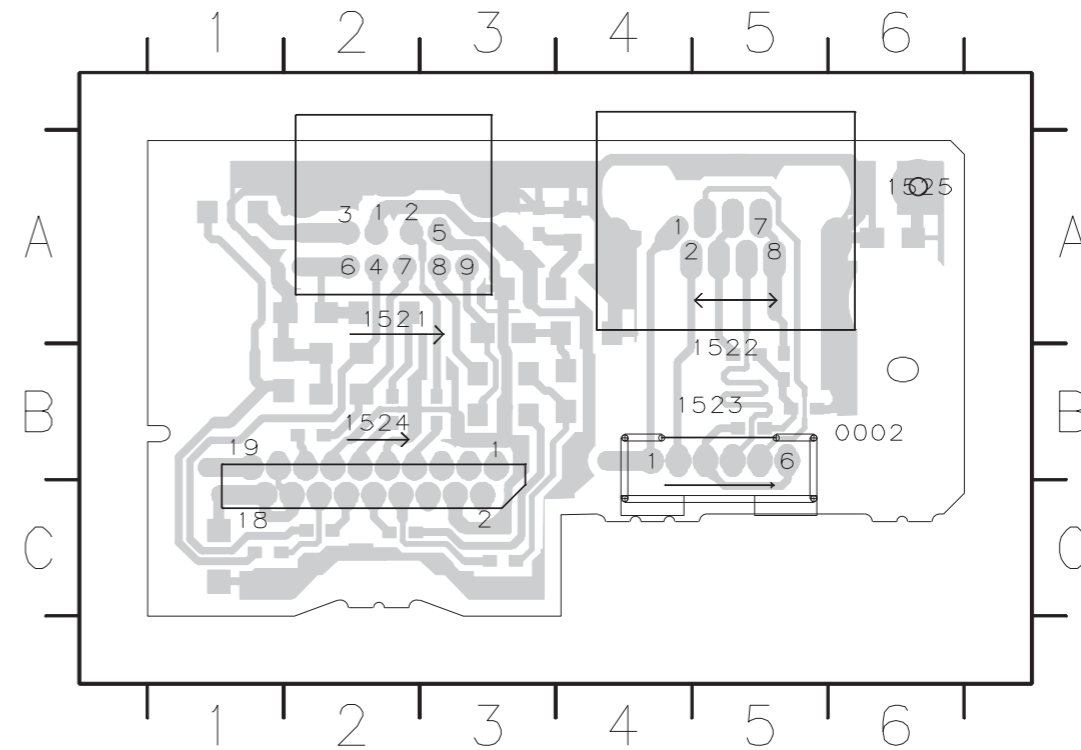
| | | |
|------|----|----|
| 0002 | M1 | K4 |
| 1101 | L5 | L4 |
| 1103 | M5 | L4 |
| 1104 | B5 | L4 |
| 1107 | B5 | L4 |
| 1108 | B5 | L4 |
| 1109 | B5 | L4 |
| 1110 | D5 | L2 |
| 1401 | L2 | M2 |
| 1520 | J6 | M2 |
| 2202 | J6 | M2 |
| 2203 | J6 | M2 |
| 2204 | J6 | M2 |
| 2212 | J1 | M3 |
| 2213 | J2 | L3 |
| 2214 | L2 | I2 |
| 2215 | J1 | M2 |
| 2217 | J2 | L3 |
| 2218 | J2 | L3 |
| 2219 | K1 | L4 |
| 2220 | K1 | M2 |
| 2222 | K1 | L4 |
| 2226 | K2 | J6 |
| 2229 | D8 | K1 |
| 2230 | L3 | K1 |
| 2231 | H1 | L3 |
| 2232 | H1 | L3 |
| 2234 | K3 | L3 |
| 2235 | K3 | L3 |
| 2236 | I2 | L3 |
| 2238 | D5 | L3 |
| 2240 | D5 | L3 |
| 2241 | D5 | L3 |
| 2242 | D5 | L3 |
| 2243 | D5 | L3 |
| 2244 | D5 | L3 |
| 2245 | D5 | L3 |
| 2246 | D5 | L3 |
| 2247 | D5 | L3 |
| 2248 | D5 | L3 |
| 2249 | D5 | L3 |
| 2250 | D5 | L3 |
| 2251 | D5 | L3 |
| 2252 | D5 | L3 |
| 2253 | D5 | L3 |
| 2254 | D5 | L3 |
| 2255 | D5 | L3 |
| 2256 | D5 | L3 |
| 2257 | D5 | L3 |
| 2258 | D5 | L3 |
| 2259 | D5 | L3 |
| 2260 | D5 | L3 |
| 2261 | D5 | L3 |
| 2262 | D5 | L3 |
| 2263 | D5 | L3 |
| 2264 | D5 | L3 |
| 2265 | D5 | L3 |
| 2266 | D5 | L3 |
| 2267 | D5 | L3 |
| 2268 | D5 | L3 |
| 2269 | D5 | L3 |
| 2270 | D5 | L3 |
| 2271 | D5 | L3 |
| 2272 | D5 | L3 |
| 2273 | D5 | L3 |
| 2274 | D5 | L3 |
| 2275 | D5 | L3 |
| 2276 | D5 | L3 |
| 2277 | D5 | L3 |
| 2278 | D5 | L3 |
| 2279 | D5 | L3 |
| 2280 | D5 | L3 |
| 2281 | D5 | L3 |
| 2282 | D5 | L3 |
| 2283 | D5 | L3 |
| 2284 | D5 | L3 |
| 2285 | D5 | L3 |
| 2286 | D5 | L3 |
| 2287 | D5 | L3 |
| 2288 | D5 | L3 |
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| 2290 | D5 | L3 |
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| 2297 | D5 | L3 |
| 2298 | D5 | L3 |
| 2299 | D5 | L3 |
| 2300 | D5 | L3 |
| 2400 | K1 | L4 |
| 2401 | K1 | L4 |
| 2402 | K1 | L4 |
| 2403 | K1 | L4 |
| 2404 | K1 | L4 |
| 2405 | K1 | L4 |
| 2406 | K1 | L4 |
| 2407 | K1 | L4 |
| 2408 | K1 | L4 |
| 2409 | K1 | L4 |
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| 2412 | K1 | L4 |
| 2413 | K1 | L4 |
| 2414 | K1 | L4 |
| 2415 | K1 | L4 |
| 2416 | K1 | L4 |
| 2417 | K1 | L4 |
| 2418 | K1 | L4 |
| 2419 | K1 | L4 |
| 2420 | K1 | L4 |
| 2421 | K1 | L4 |
| 2422 | K1 | L4 |
| 2423 | K1 | L4 |
| 2424 | K1 | L4 |
| 2425 | K1 | L4 |
| 2426 | K1 | L4 |
| 2427 | K1 | L4 |
| 2428 | K1 | L4 |
| 2429 | K1 | L4 |
| 2430 | K1 | L4 |
| 2431 | K1 | L4 |
| 2432 | K1 | L4 |
| 2433 | K1 | L4 |
| 2434 | K1 | L4 |
| 2435 | K1 | L4 |
| 2436 | K1 | L4 |
| 2437 | K1 | L4 |
| 2438 | K1 | L4 |
| 2439 | K1 | L4 |
| 2440 | K1 | L4 |
| 2441 | K1 | L4 |
| 2442 | K1 | L4 |
| 2443 | K1 | L4 |
| 2444 | K1 | L4 |
| 2445 | K1 | L4 |
| 2446 | K1 | L4 |
| 2447 | K1 | L4 |
| 2448 | K1 | L4 |
| 2449 | K1 | L4 |
| 2450 | K1 | L4 |
| 2451 | K1 | L4 |
| 2452 | K1 | L4 |
| 2453 | K1 | L4 |
| 2454 | K1 | L4 |
| 2455 | K1 | L4 |
| 2456 | K1 | L4 |
| 2457 | K1 | L4 |
| 2458 | K1 | L4 |
| 2459 | K1 | L4 |
| 2460 | K1 | L4 |
| 2461 | K1 | L4 |
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| 2463 | K1 | L4 |
| 2464 | K1 | L4 |
| 2465 | K1 | L4 |
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| 2467 | K1 | L4 |
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| 2479 | K1 | L4 |
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| 2485 | K1 | L4 |
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| 2501 | K1 | L4 |
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| 2589 | K1 | L4 |

IPOD & ETH (MEM)(waS7500)

- | | | | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1521 F4 | 1524 H9 | 2981 G2 | 3332 G7 | 5711 F8 | 5714 F7 | 6211 I4 | 6214 I6 | 6310 D8 |
| 1522 A8 | 1525 C9 | 3206 H8 | 3333 C6 | 5712 G2 | 5715 F7 | 6212 I5 | 6215 I6 | |
| 1523 A5 | 2980 C7 | 3211 G7 | 3334 C6 | 5713 F7 | 5716 F7 | 6213 I5 | 6216 I7 | |

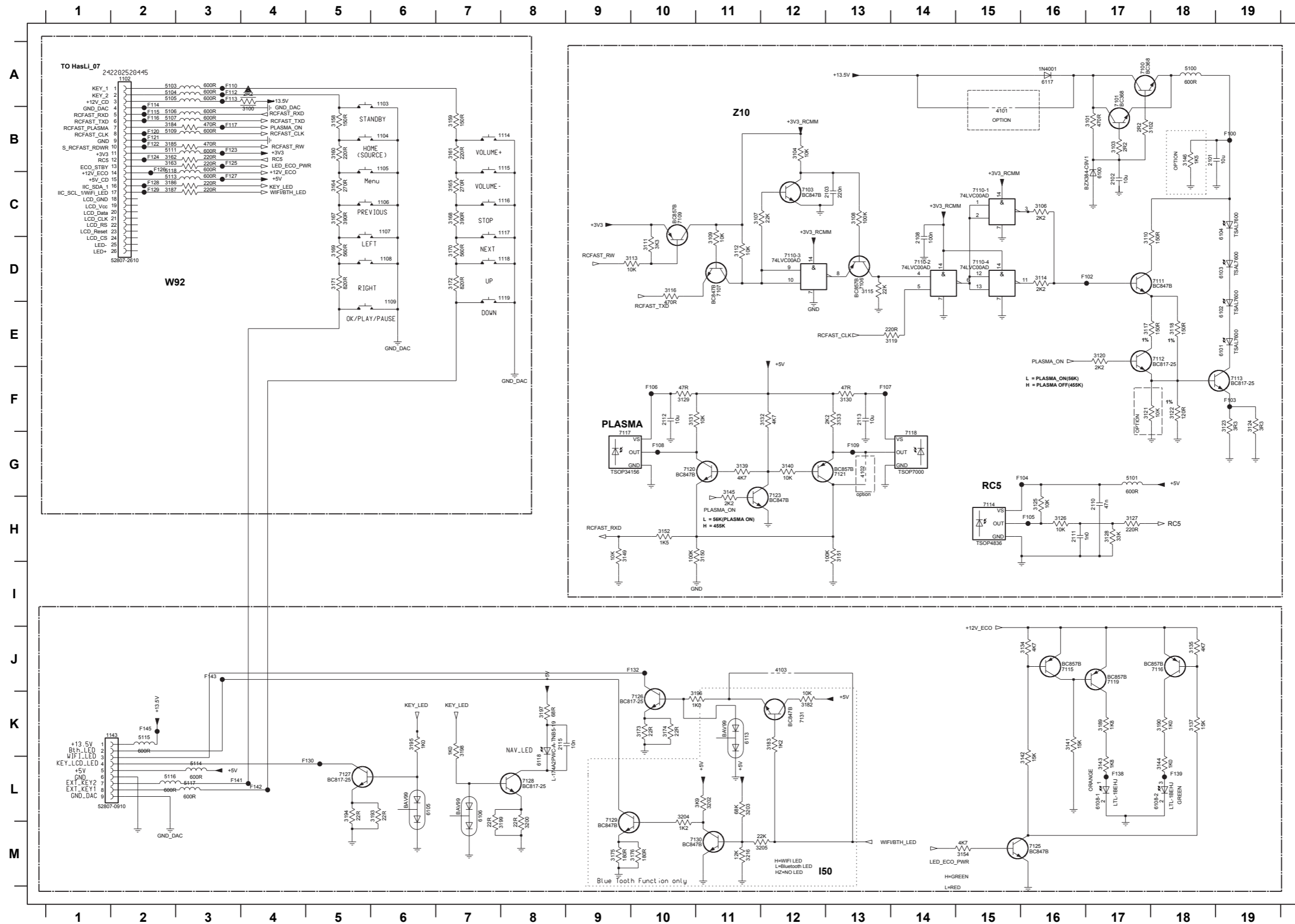


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| 2980 | B2 |
| 2981 | A4 |
| 3206 | B4 |
| 3211 | C4 |
| 3211 | C5 |
| 3211 | B2 |
| 3211 | B2 |
| 3211 | B2 |
| 4001 | B2 |
| 4003 | A5 |
| 4004 | A6 |
| 4006 | B4 |
| 4007 | B4 |
| 4008 | A4 |
| 4009 | A3 |
| 5711 | C6 |
| 5712 | A3 |
| 5713 | B5 |
| 5714 | C6 |
| 5715 | B5 |
| 5716 | B5 |
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| 5718 | B5 |
| 5719 | A4 |
| 5720 | A5 |
| 5721 | B3 |
| 6310 | A1 |



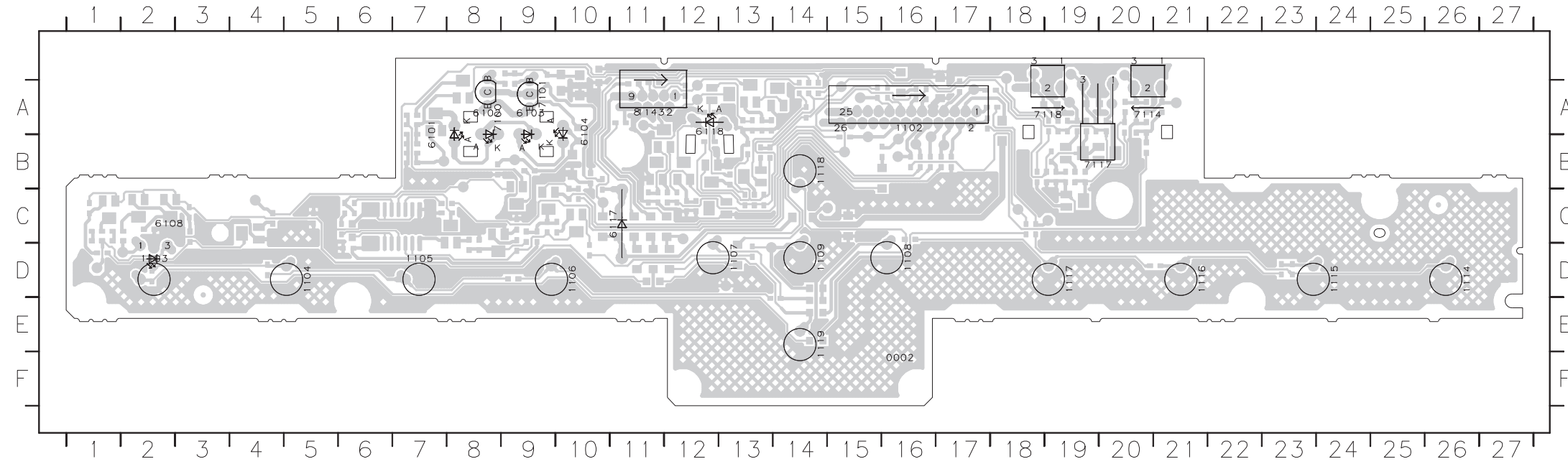
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| 0002 | B6 |
| 1521 | A2 |
| 1522 | B5 |
| 1523 | B5 |
| 1524 | B5 |
| 1525 | A6 |

KEYS & RC (MEM) - CIRCUIT DIAGRAM(waS7500)

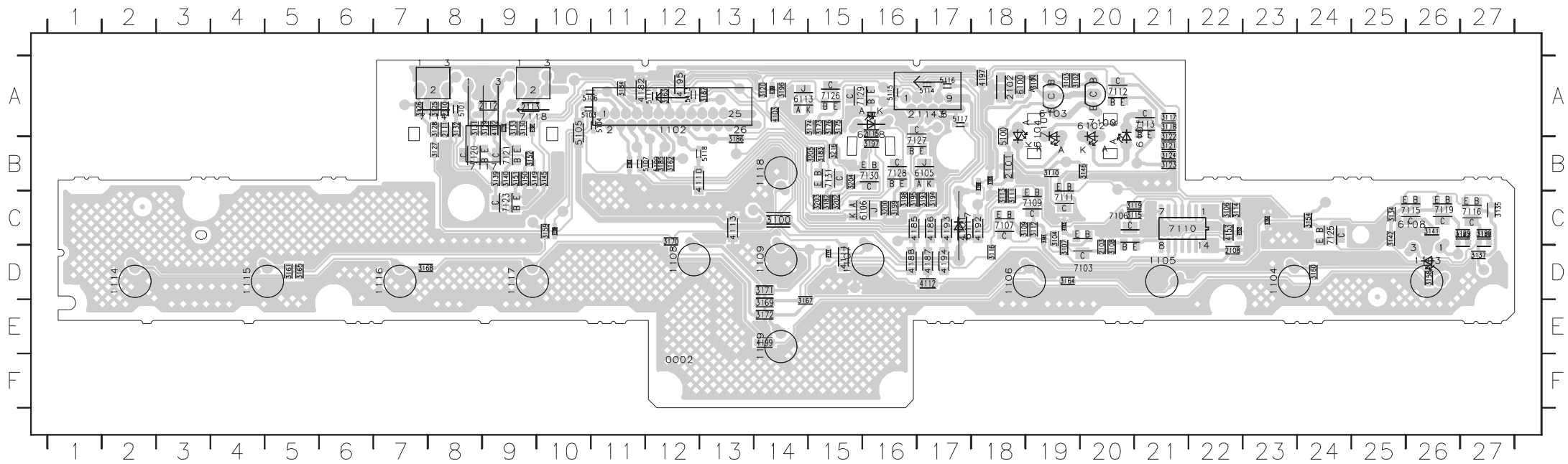


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- 1104 B6
- 1105 B6
- 1106 C6
- 1107 C6
- 1108 D6
- 1109 E6
- 1114 B8
- 1115 B8
- 1116 C8
- 1117 C8
- 1118 D8
- 1119 D8
- 1143 K2
- 2101 B18
- 2102 C17
- 2103 C13
- 2108 D14
- 2110 H17
- 2111 H16
- 2112 F10
- 2113 F13
- 2115 K3
- 3100 A4
- 3101 B17
- 3102 B17
- 3103 B17
- 3104 B12
- 3106 C16
- 3107 C11
- 3108 C13
- 3109 D11
- 3110 D17
- 3111 D10
- 3112 D11
- 3113 D10
- 3114 D16
- 3115 D13
- 3116 D10
- 3117 E17
- 3118 E18
- 3119 E14
- 3120 E17
- 3121 F17
- 3122 F19
- 3123 F19
- 3124 F19
- 3125 H16
- 3126 H16
- 3127 H17
- 3128 H17
- 3129 F10
- 3130 F13
- 3131 F10
- 3132 F12
- 3133 F13
- 3134 J16
- 3135 J18
- 3137 K18
- 3139 G11
- 3140 G12
- 3141 K16
- 3142 L16
- 3143 L17
- 3144 L18
- 3145 G11
- 3146 B18
- 3149 H9
- 3150 H11
- 3151 H13
- 3152 H10
- 3154 M15
- 3158 B5
- 3159 B7
- 3160 B5
- 3161 B7
- 3162 B2
- 3163 B2
- 3164 C5
- 3165 C7
- 3167 C5
- 3168 C7
- 3169 D5
- 3170 D7
- 3171 D5
- 3172 D7
- 3173 K10
- 3174 K10
- 3175 M9
- 3176 M10
- 3182 K12
- 3183 K12
- 3184 B2
- 3185 B2
- 3186 C2
- 3187 C2
- 3189 K17
- 3190 K18
- 3193 L6
- 3194 L5
- 3195 K6
- 3196 K11
- 3197 K8
- 3198 K7
- 3199 M7
- 3200 M8
- 3202 L11
- 3203 L11
- 3204 L10
- 3205 M12
- 3216 M11
- 4101 B16
- 4102 G13
- 5100 A18
- 5101 G17
- 5103 A2
- 5104 A2
- 5105 A2
- 5106 A2
- 5107 B2
- 5108 B2
- 5109 B2
- 5111 B2
- 5113 C2
- 5114 L3
- 5115 K2
- 5116 L2
- 5117 L3
- 5118 C2
- 6100 C17
- 6101 E19
- 6102 E19
- 6103 D19
- 6104 C19
- 6105 L6
- 6106 L7
- 6108 L17
- 6108 L18
- 6113 K11
- 6117 A16
- 6118 K8
- 7100 A17
- 7101 A17
- 7103 C12
- 7106 D13
- 7107 D11
- 7109 C10
- 7110 C15
- 7110 D14
- 7110 D12
- 7110 D15
- 7111 D18
- 7112 E18
- 7113 F19
- 7114 H15
- 7115 J16
- 7116 J18
- 7117 G9
- 7118 G14
- 7119 J17
- 7120 G10
- 7121 G13
- 7123 H12
- 7125 M16
- 7126 K10
- 7127 L5
- 7128 L8
- 7129 M9
- 7130 M11
- 7131 K12
- F100 B19
- F102 D17
- F103 F19
- F104 G16
- F105 H16
- F106 F10
- F107 F13
- F108 G10
- F109 G13
- F110 A3
- F112 A3
- F113 A3
- F115 B2
- F116 B2
- F117 B3
- F120 B2
- F121 B2
- F122 B2
- F123 B3
- F124 B2
- F125 B3
- F126 B2
- F127 C3
- F129 C2
- F130 L5
- F132 J10
- F133 L10
- F134 J10
- F141 L3
- F142 L4
- F143 J3
- F145 K2

KEYS & RC (MEM) - CIRCUIT DIAGRAM(waS7500)



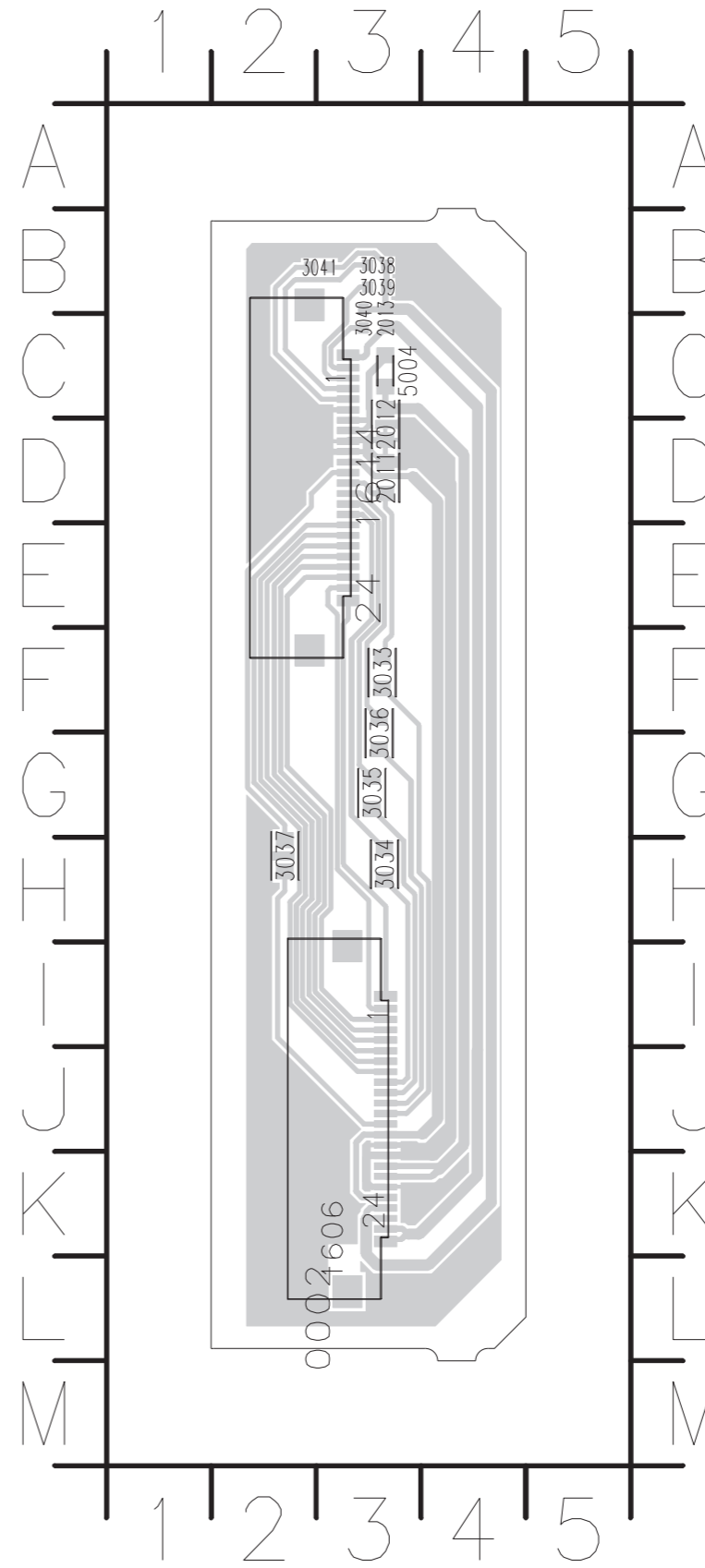
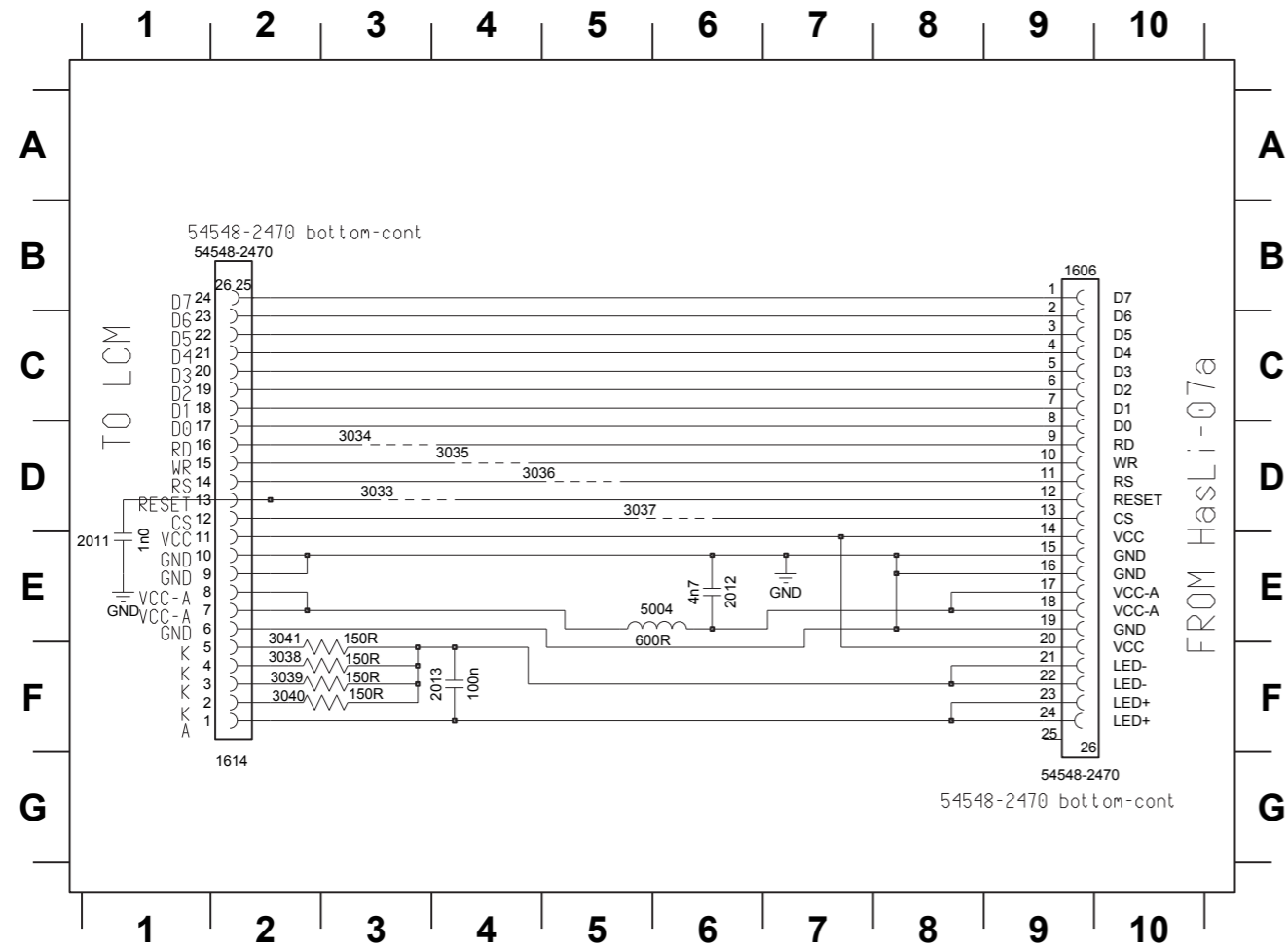
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| 0005 | D | 00 |
| 0006 | D | 00 |
| 0007 | D | 00 |
| 0008 | D | 00 |
| 0009 | D | 00 |
| 0010 | D | 00 |
| 0011 | D | 00 |
| 0012 | D | 00 |
| 0013 | D | 00 |
| 0014 | D | 00 |
| 0015 | D | 00 |
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| 0090 | D | 00 |
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| 0093 | D | 00 |
| 0094 | D | 00 |
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| 0096 | D | 00 |
| 0097 | D | 00 |
| 0098 | D | 00 |
| 0099 | D | 00 |
| 0100 | D | 00 |



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|------|---|----|
| 0002 | F | 16 |
| 0003 | A | 06 |
| 0004 | D | 00 |
| 0005 | D | 00 |
| 0006 | D | 00 |
| 0007 | D | 00 |
| 0008 | D | 00 |
| 0009 | D | 00 |
| 0010 | D | 00 |
| 0011 | D | 00 |
| 0012 | D | 00 |
| 0013 | D | 00 |
| 0014 | D | 00 |
| 0015 | D | 00 |
| 0016 | D | 00 |
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| 0092 | D | 00 |
| 0093 | D | 00 |
| 0094 | D | 00 |
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| 0096 | D | 00 |
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| 0098 | D | 00 |
| 0099 | D | 00 |
| 0100 | D | 00 |

LCD_CON (MEM)(waS7500)

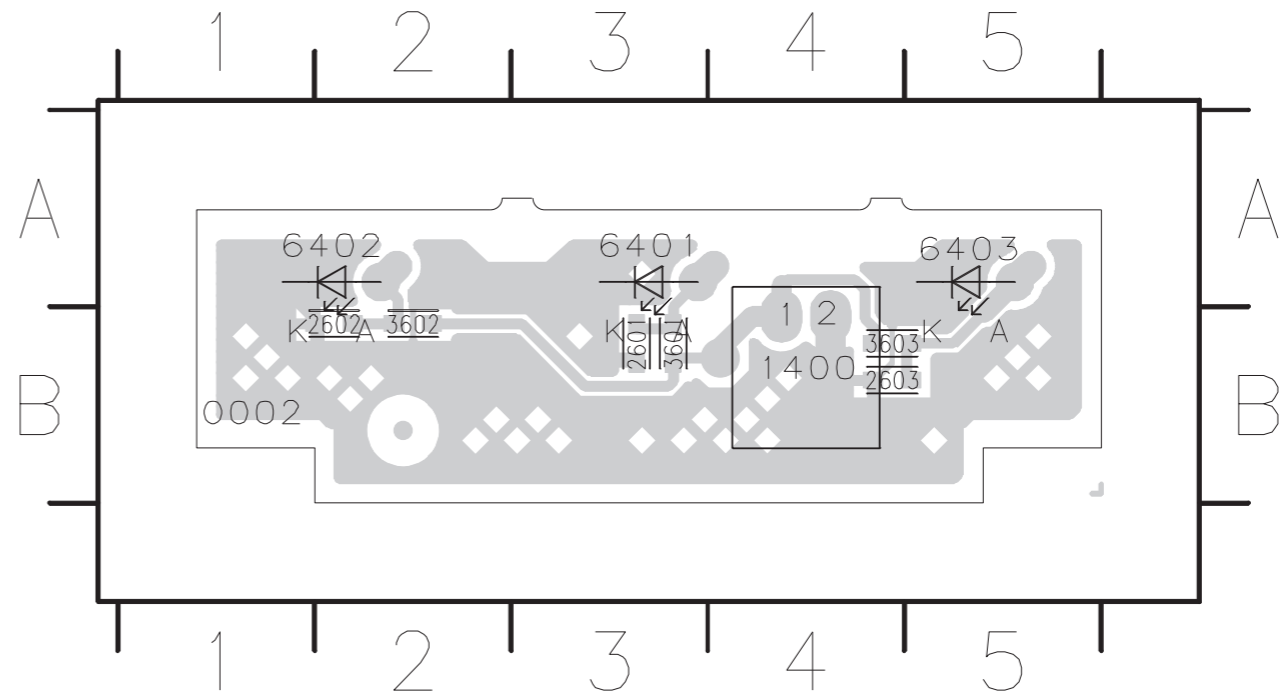
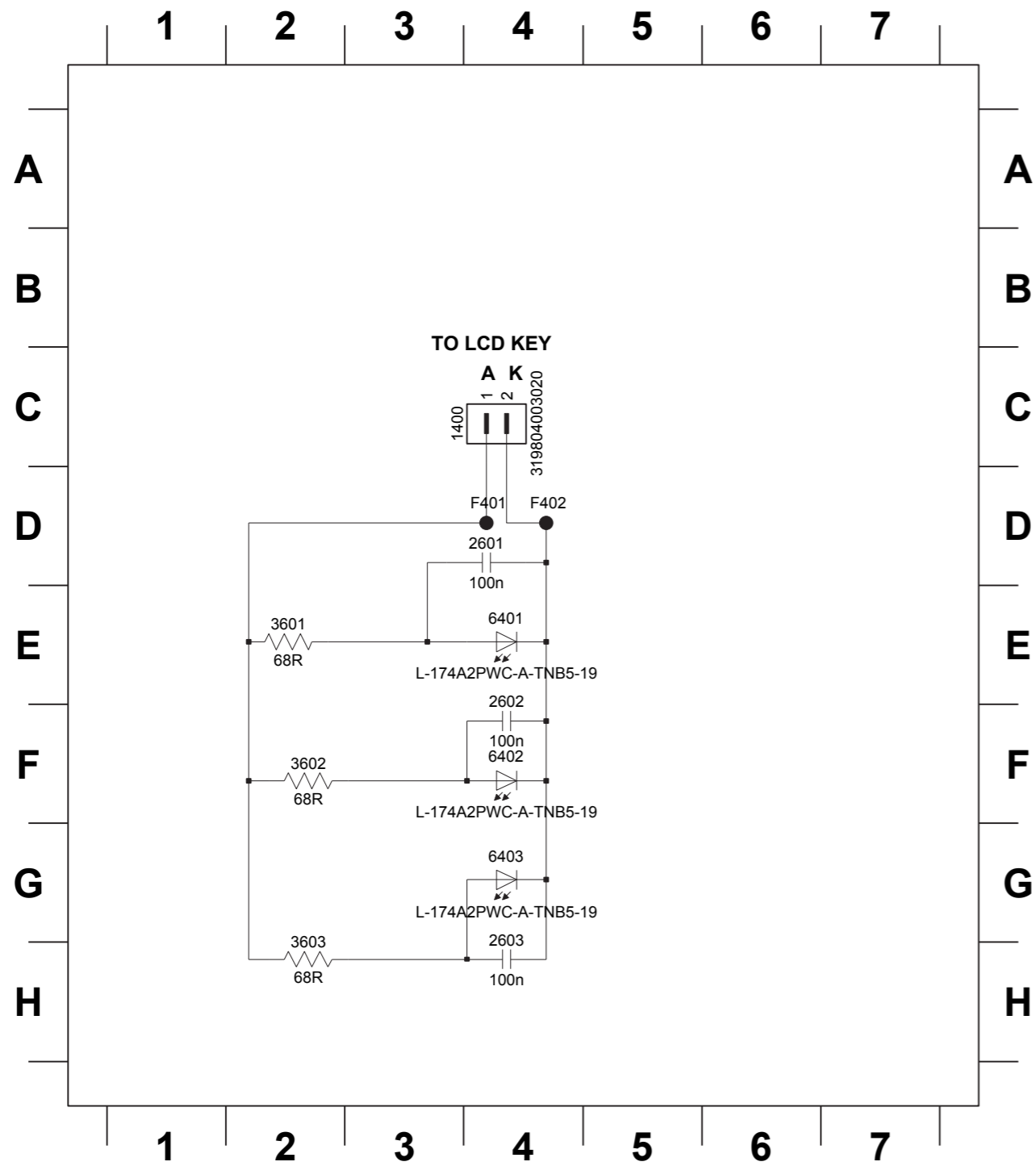
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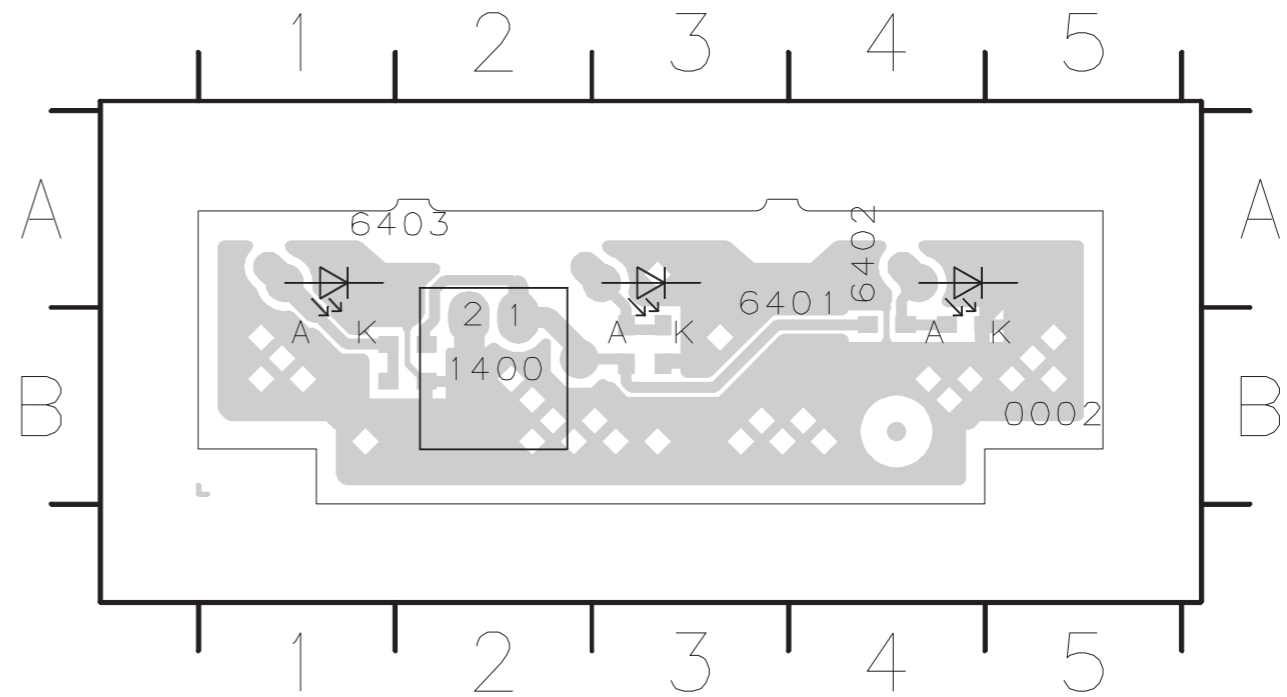
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| 1 | 6 | 1 | 4 | D | 3 |
| 2 | 0 | 1 | 1 | D | 3 |
| 2 | 0 | 1 | 2 | D | 3 |
| 2 | 0 | 1 | 3 | C | 3 |
| 3 | 0 | 3 | 3 | F | 3 |
| 3 | 0 | 3 | 4 | H | 3 |
| 3 | 0 | 3 | 5 | G | 3 |
| 3 | 0 | 3 | 6 | G | 3 |
| 3 | 0 | 3 | 7 | I | 2 |
| 3 | 0 | 3 | 8 | B | 3 |
| 3 | 0 | 3 | 9 | B | 3 |
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| 5 | 0 | 0 | 4 | C | 3 |

WIFI_LED (MEM)(waS7500)

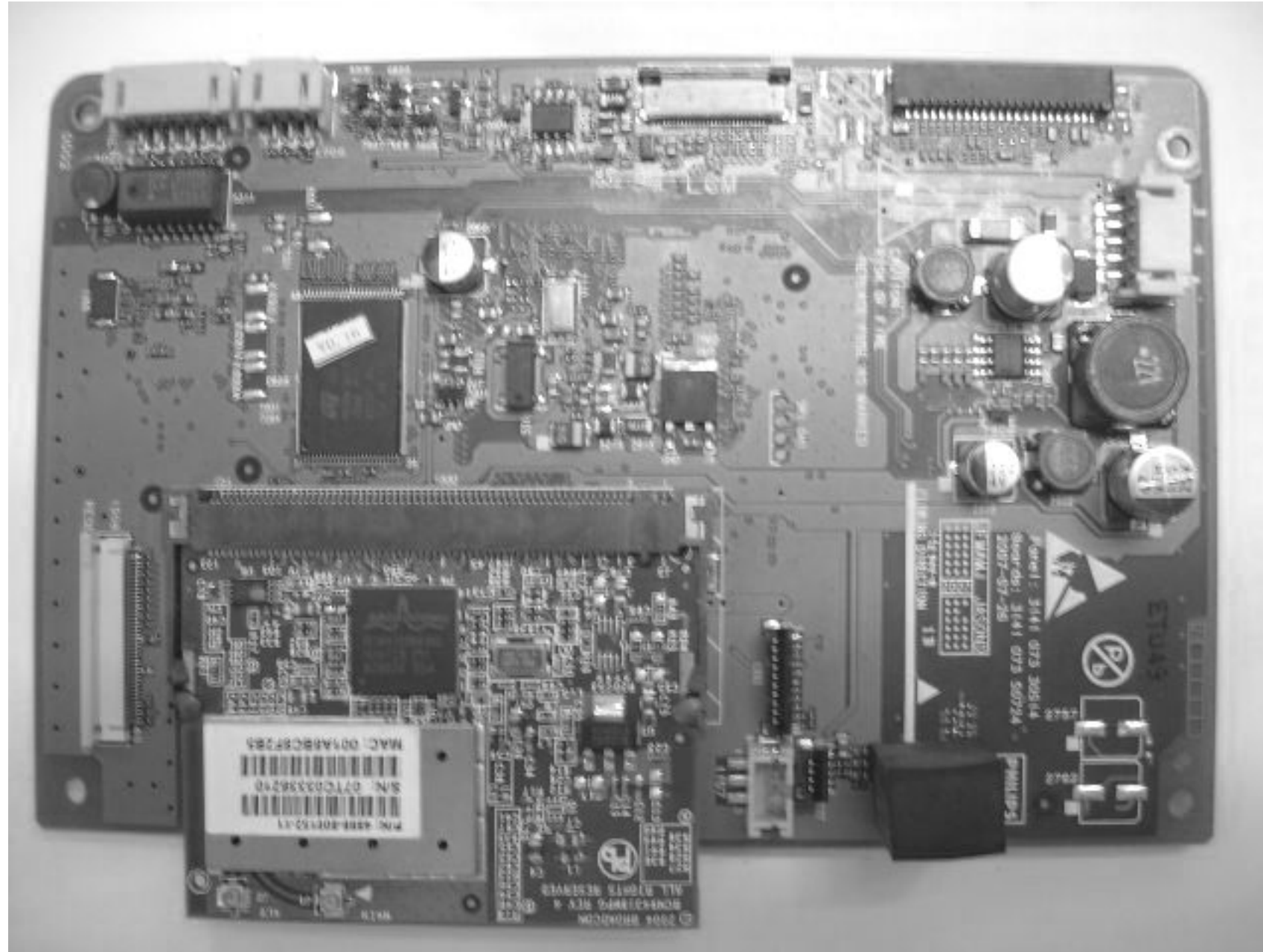
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| 1400 C3 | 2603 H4 | 3603 H2 | 6403 G4 |
| 2601 D4 | 3601 E2 | 6401 E4 | F401 D4 |
| 2602 F4 | 3602 F2 | 6402 F4 | F402 D4 |



2601 B3
 2602 B2
 2603 B4
 3601 B3
 3602 B2
 3603 B4



0002 B5
 1400 B2
 6401 A3
 6402 A4
 6403 A2



HAS MODULE

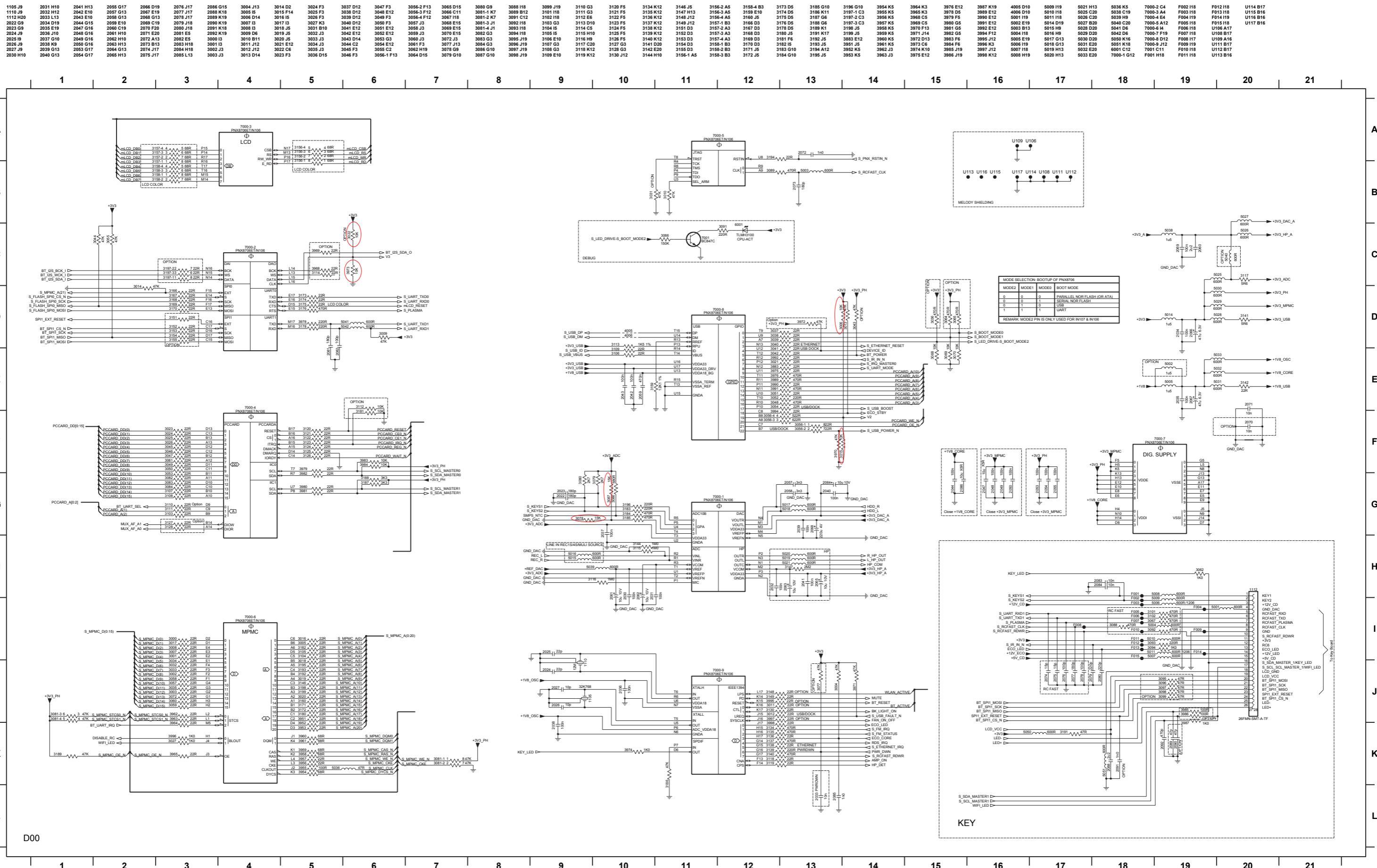
This module can only be repaired on component level
at authorized service workshop.

In case of defects please replace the entire board resp. the WiFi Card.

3141 078 02251HAS Printed Board Assembly - Europe

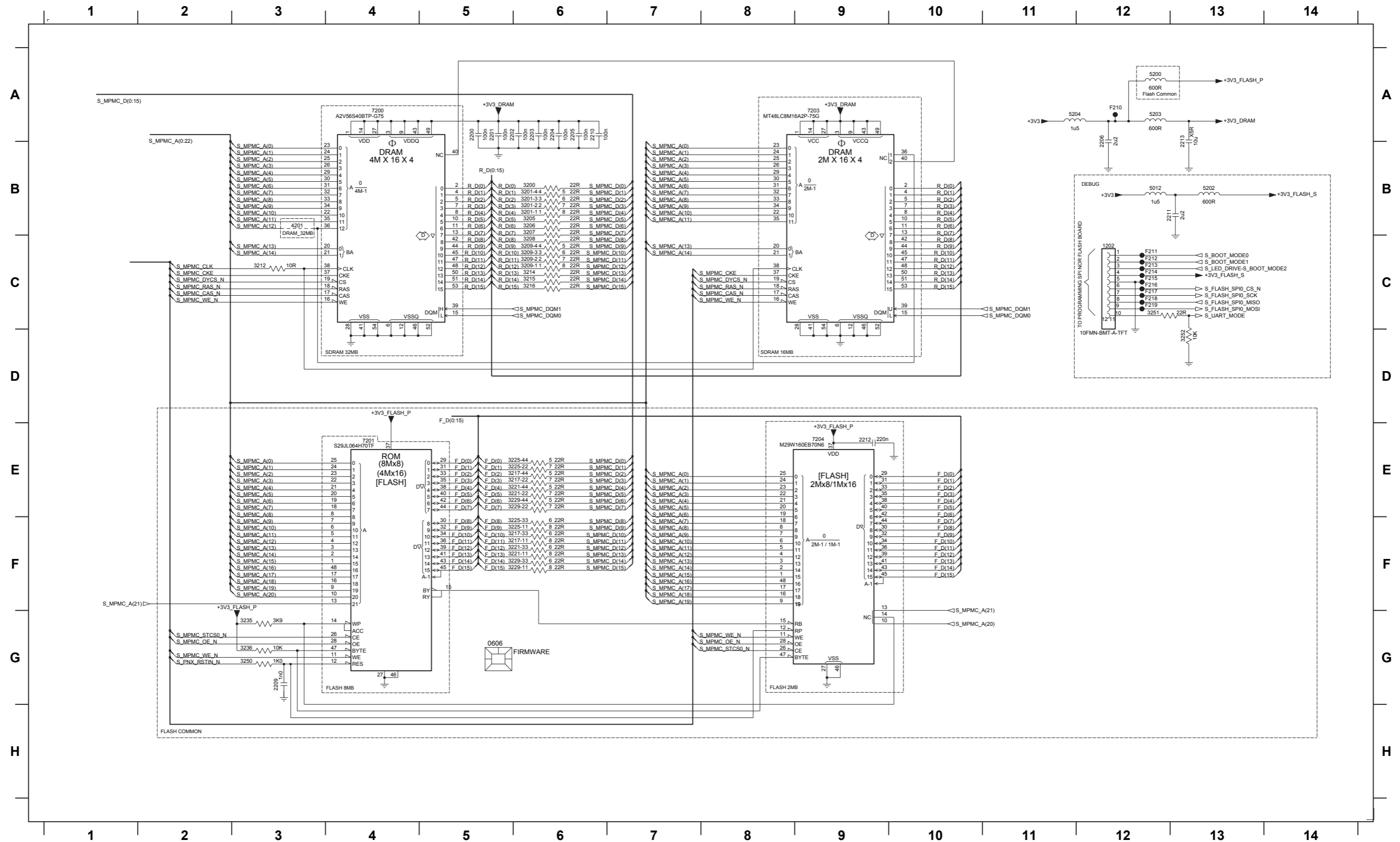
2822 065 01728WiFi Card Mini PCI

Wessli-07 (MEM) MELODY- CIRCUIT DIAGRAM(waS7500)

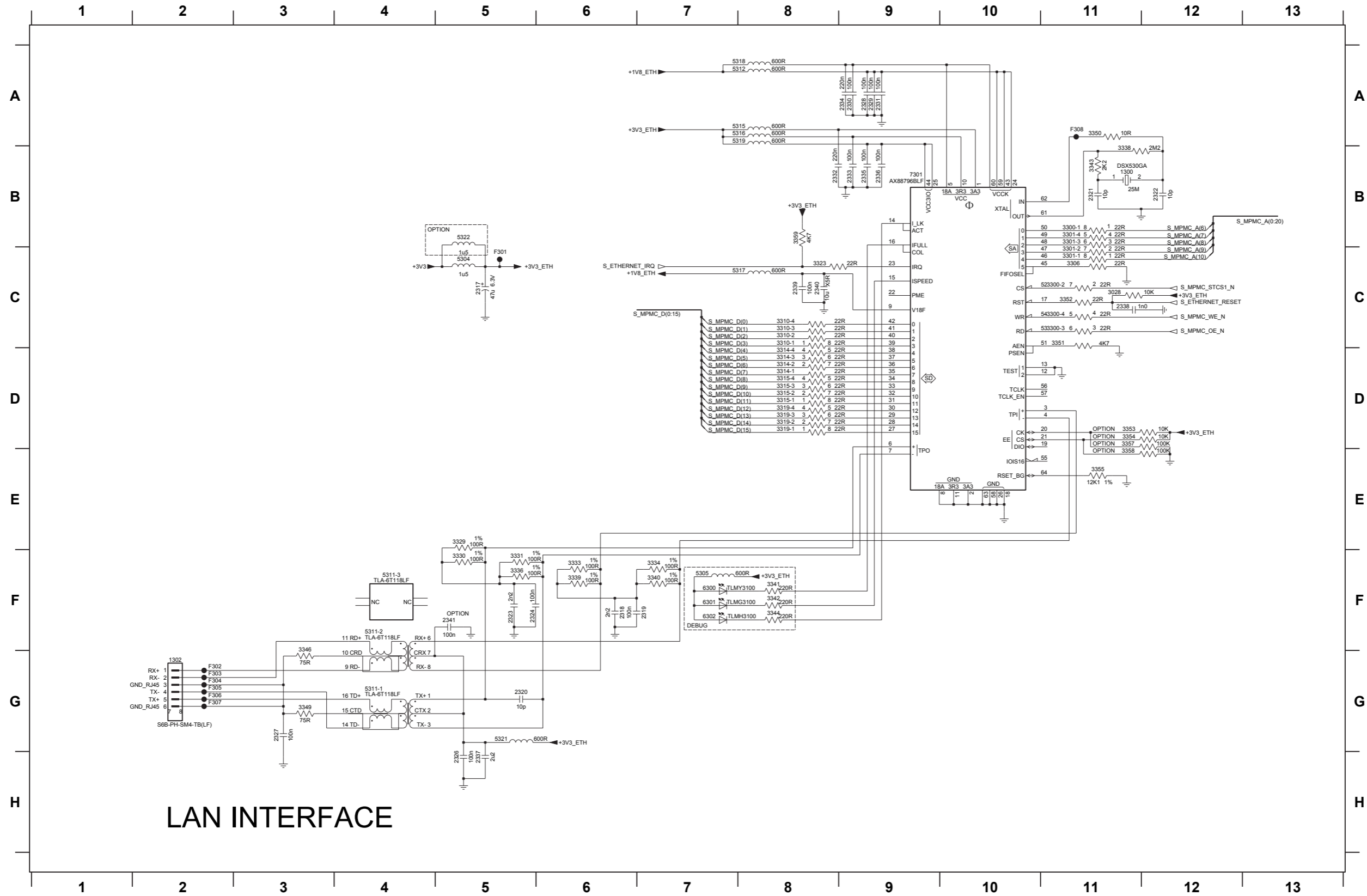


Wessli-07 (MEM) FLASH & SDRAM - CIRCUIT DIAGRAM(waS7500)

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| 0606 G5 | 2201 A5 | 2204 A6 | 2209 G3 | 2212 E9 | 3201-1 B6 | 3201-4 B6 | 3207 B6 | 3209-2 C6 | 3212 C3 | 3216 C6 | 3217-3 F6 | 3221-2 E6 | 3225-1 F6 | 3225-4 E6 | 3229-3 F6 | 3236 G3 | 3252 D13 | 5200 A12 | 5204 A11 | 7203 A9 | F211 C12 | F214 C12 | F217 C12 |
| 1202 C12 | 2202 A6 | 2205 A6 | 2210 A6 | 2213 A13 | 3201-2 B6 | 3205 B6 | 3208 C6 | 3209-3 C6 | 3214 C6 | 3217-1 F6 | 3217-4 E6 | 3221-3 F6 | 3225-2 E6 | 3229-1 F6 | 3229-4 E6 | 3250 G3 | 4201 B3 | 5202 B13 | 7200 A4 | 7204 E9 | F212 C12 | F215 C12 | F218 C12 |
| 2200 A5 | 2203 A6 | 2206 A12 | 2211 B13 | 3200 B6 | 3201-3 B6 | 3206 B6 | 3209-1 C6 | 3209-4 C6 | 3215 C6 | 3217-2 E6 | 3221-1 F6 | 3221-4 E6 | 3225-3 F6 | 3229-2 E6 | 3235 G3 | 3251 C12 | 5012 B12 | 5203 A12 | 7201 E4 | F210 A12 | F213 C12 | F216 C12 | F219 C12 |

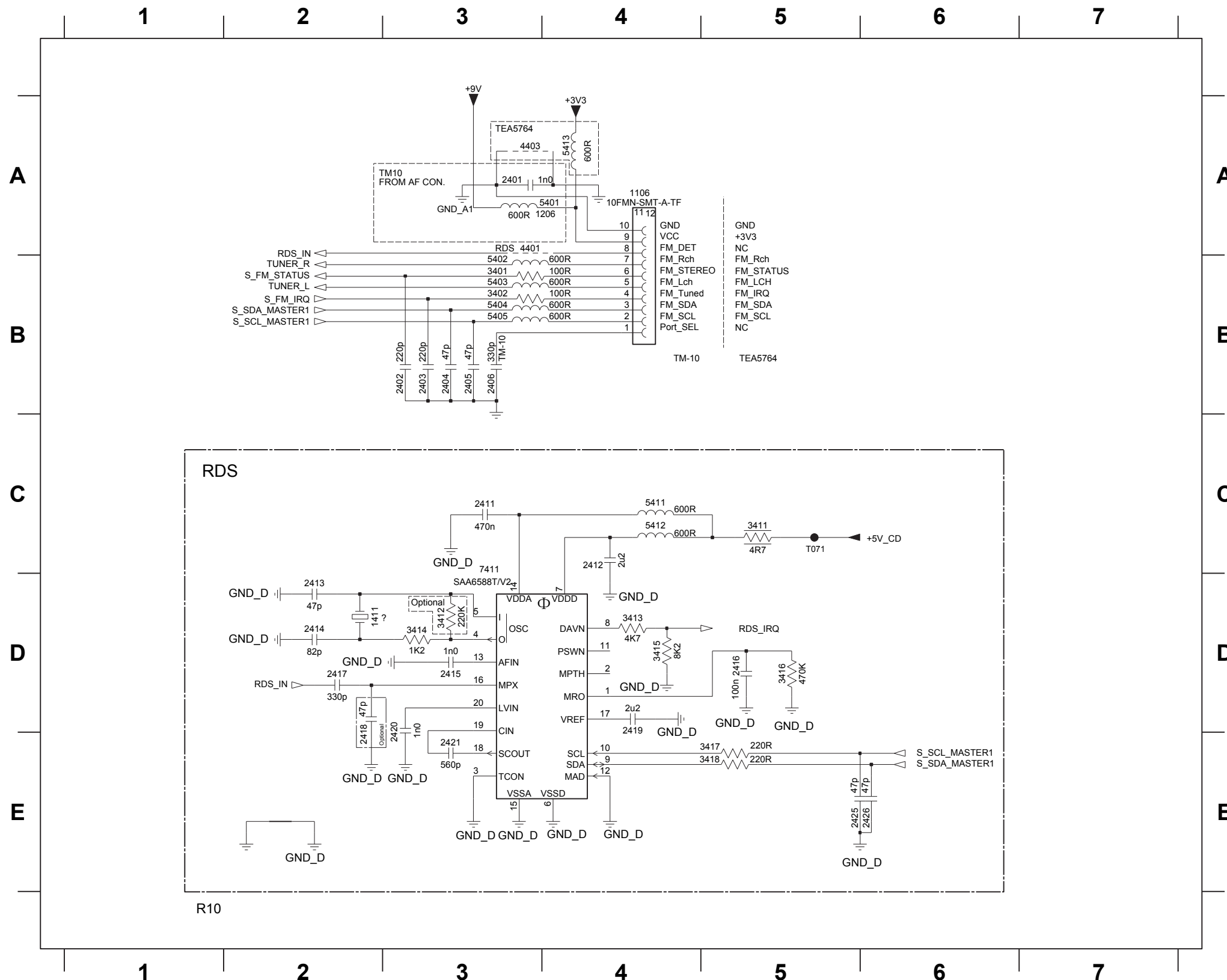


Wessli-07 (MEM) ETHERNET - CIRCUIT DIAGRAM(waS7500)



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- 2318 F6
- 2319 F7
- 2320 G5
- 2321 B11
- 2322 B12
- 2323 F5
- 2324 F5
- 2326 H5
- 2327 G3
- 2328 A9
- 2329 A9
- 2330 A9
- 2331 A9
- 2332 B8
- 2333 B9
- 2334 A9
- 2335 B9
- 2336 B9
- 2337 H5
- 2338 C11
- 2339 C8
- 2340 C8
- 2341 F5
- 3028 C11
- 3300-1 B11
- 3300-2 C11
- 3300-3 C11
- 3300-4 C11
- 3301-1 C11
- 3301-2 C11
- 3301-3 B11
- 3301-4 B11
- 3306 C11
- 3310-1 C8
- 3310-2 C8
- 3310-3 C8
- 3310-4 C8
- 3314-1 D8
- 3314-2 D8
- 3314-3 D8
- 3314-4 D8
- 3315-1 D8
- 3315-2 D8
- 3315-3 D8
- 3315-4 D8
- 3319-1 D8
- 3319-2 D8
- 3319-3 D8
- 3319-4 D8
- 3323 C8
- 3329 E5
- 3330 F5
- 3331 F5
- 3333 F6
- 3334 F7
- 3336 F5
- 3338 B11
- 3339 F6
- 3340 F7
- 3341 F8
- 3342 F8
- 3343 B11
- 3344 F8
- 3346 G3
- 3349 G3
- 3350 A11
- 3351 C11
- 3352 C11
- 3353 D11
- 3354 D11
- 3355 E11
- 3357 D11
- 3358 E11
- 3359 B8
- 5304 C5
- 5305 F7
- 5311-1 G4
- 5311-2 F4
- 5311-3 F4
- 5312 A8
- 5315 A8
- 5316 A8
- 5317 C8
- 5319 A8
- 5321 G5
- 5322 B5
- 6300 F7
- 6301 F7
- 6302 F7
- 7301 B9
- F301 C5
- F302 G2
- F303 G2
- F304 G2
- F305 G2
- F306 G2

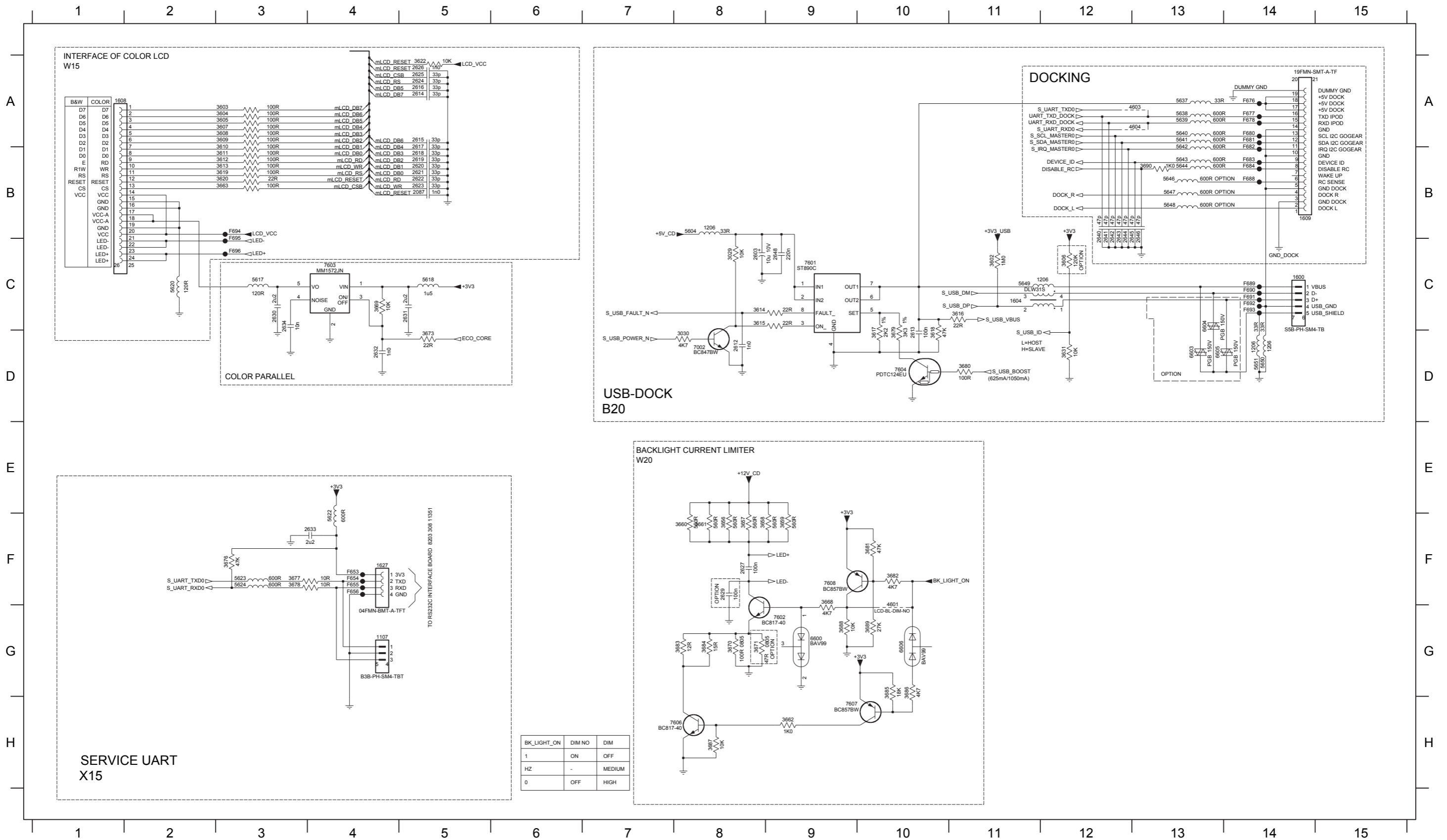
Wessli-07 (MEM) TUNER-RDS - CIRCUIT DIAGRAM(waS7500)



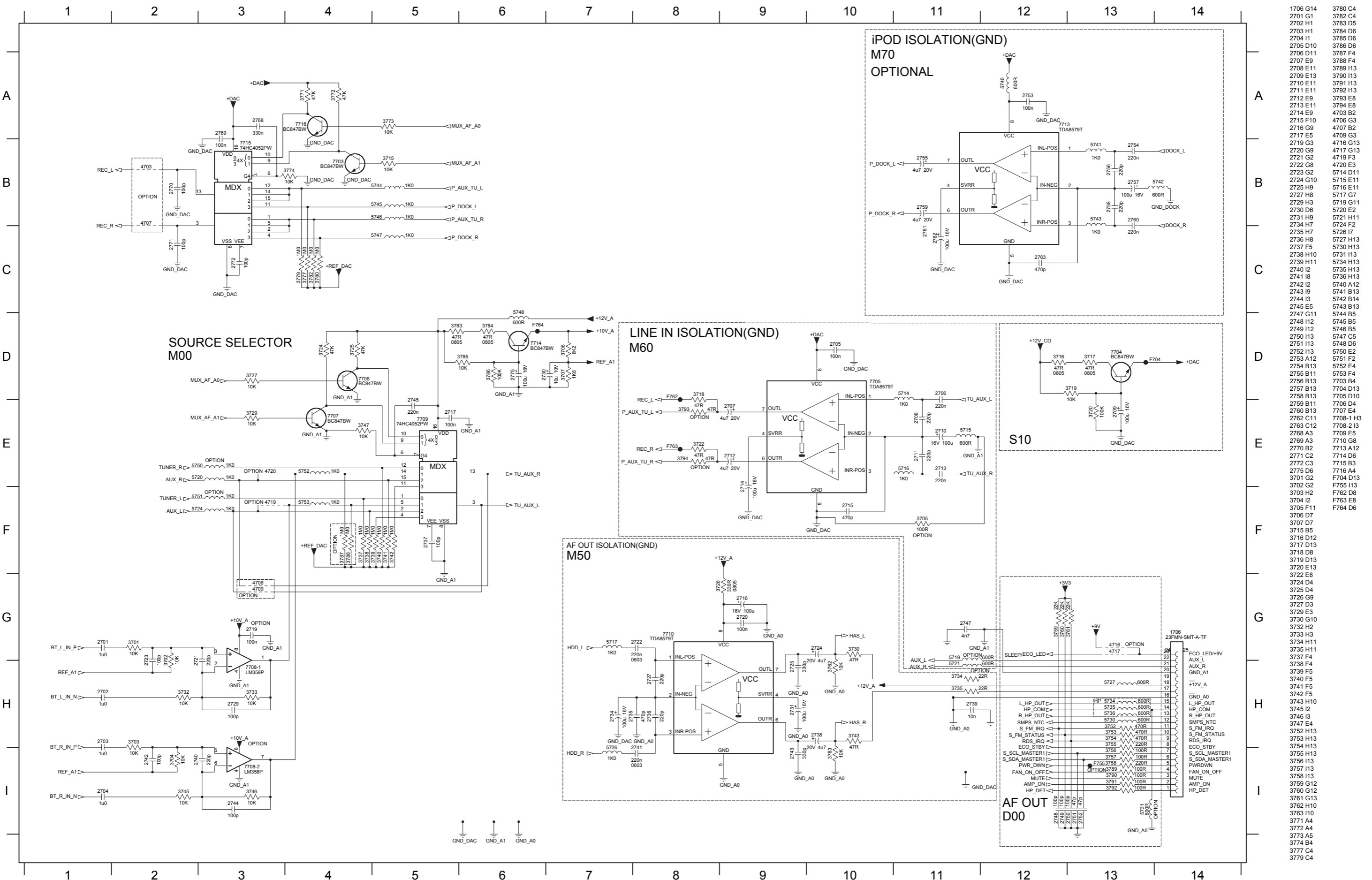
- 1106 A4
- 1411 D2
- 2401 A3
- 2402 B3
- 2403 B3
- 2404 B3
- 2405 B3
- 2406 B3
- 2411 C3
- 2412 C4
- 2413 D2
- 2414 D2
- 2415 D3
- 2416 D5
- 2417 D2
- 2418 E2
- 2419 D4
- 2420 D3
- 2421 E3
- 2425 E5
- 2426 E6
- 3401 B3
- 3402 B3
- 3411 C5
- 3412 D3
- 3413 D4
- 3414 D3
- 3415 D4
- 3416 D5
- 3417 E5
- 3418 E5
- 4401 A3
- 4403 A3
- 5401 A4
- 5402 B3
- 5403 B3
- 5404 B3
- 5405 B3
- 5411 C4
- 5412 C4
- 5413 A4
- 7411 C3
- T071 C5

Wessli-07 (MEM) IO Interface- CIRCUIT DIAGRAM(waS7500)

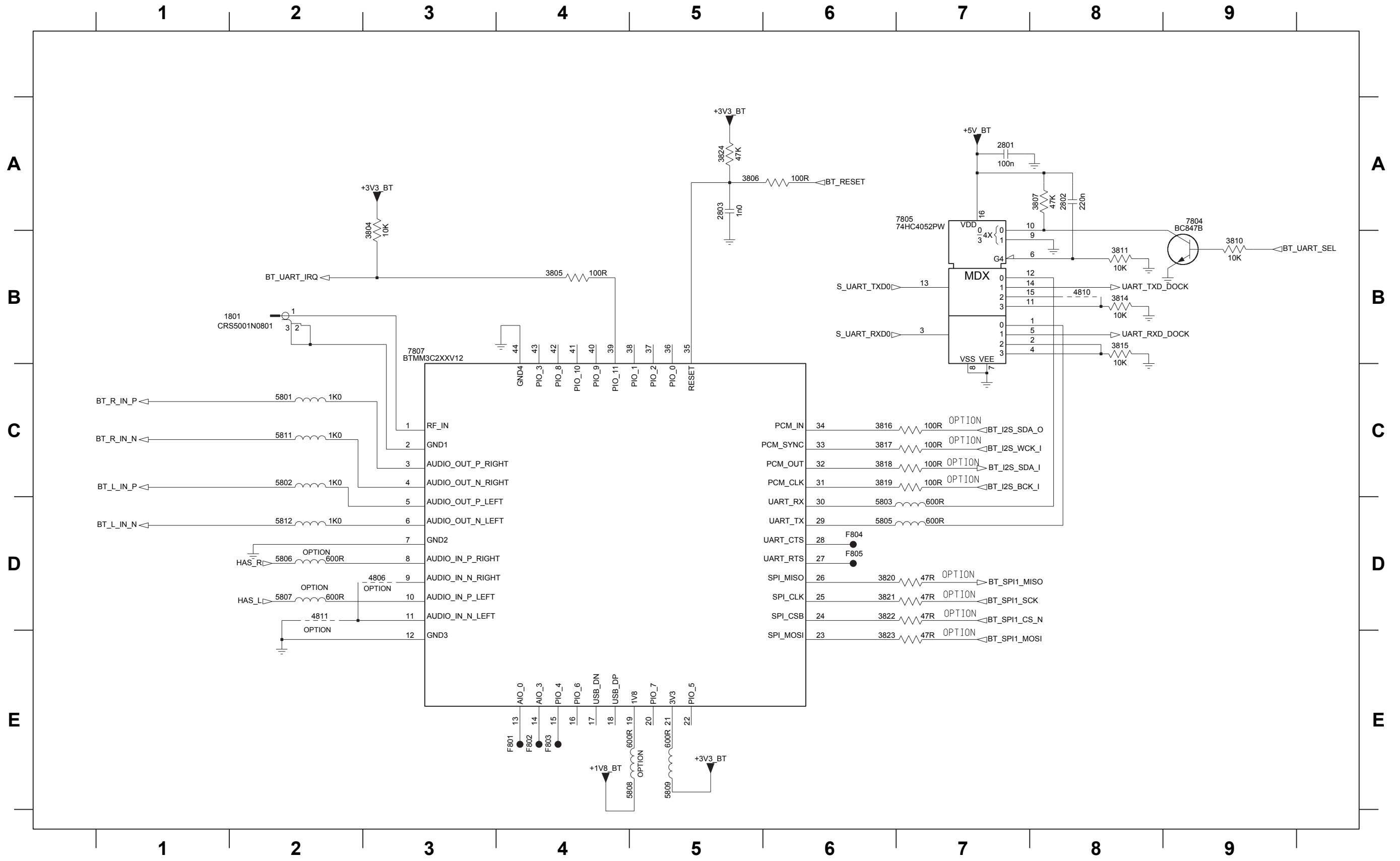
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 1600 C14 1627 F4 2613 D10 2617 B5 2621 B5 2625 A5 2630 C3 2634 C3 2643 B12 2648 C9 3603 A3 3607 A3 3611 B3 3615 C8 3619 B3 3656 F8 3660 F8 3668 F9 3673 D5 3679 D10 3683 G8 3687 H8 4601 G10 5617 C3 5623 F3 5639 A13 5643 B13 5648 B13 6600 G9 6606 G10 7603 C4 7608 F9 F656 F4 F680 A14 F684 B14 F691 C14 F695 C3
 1604 C11 2087 B5 2614 A5 2618 B5 2622 B5 2626 A5 2631 C5 2640 B12 2644 B12 3029 C8 3604 A3 3608 A3 3612 B3 3616 C11 3620 B3 3657 F8 3661 F8 3669 C4 3676 F3 3680 D11 3684 G8 3688 G9 4603 A13 5618 C5 5624 F3 5640 A13 5644 B13 5649 C11 6603 D13 7002 D8 7604 D10 F653 F4 F676 A14 F681 A14 F688 B14 F692 C14 F696 C3
 1608 A1 2603 C8 2615 A5 2619 B5 2623 B5 2627 F8 2632 D4 2641 B12 2645 B13 3030 D8 3605 A3 3609 A3 3613 B3 3617 D10 3622 A5 3658 F8 3662 H9 3670 G8 3677 F3 3681 F10 3685 G10 3689 G10 4604 A13 5620 C2 5637 A13 5641 A13 5646 B13 5650 D14 6604 C13 7601 C9 7606 H8 F654 F4 F677 A14 F682 B14 F689 C14 F693 C14



Wessli-07 (MEM) AF Part - CIRCUIT DIAGRAM(waS7500)

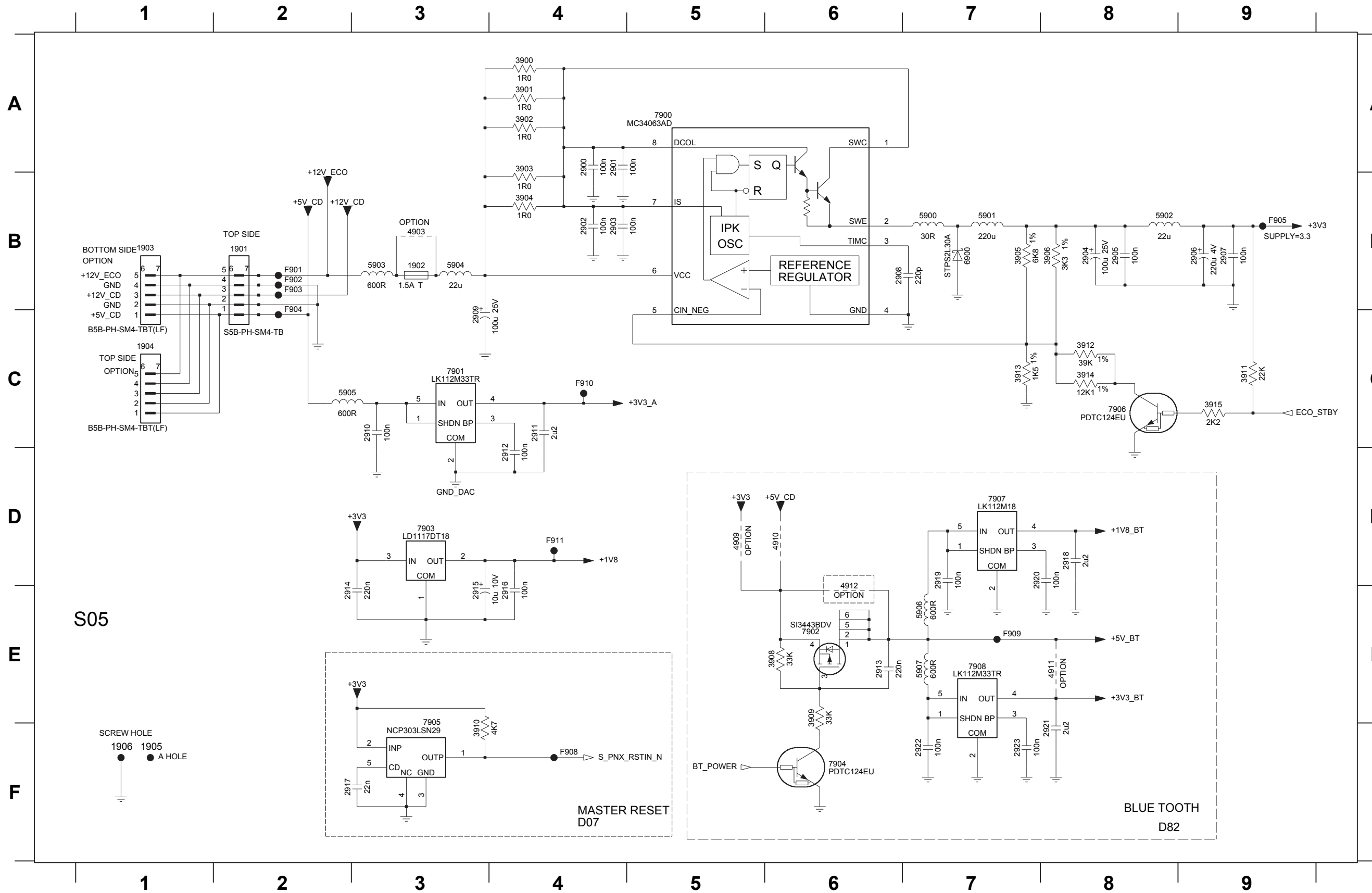


Wessli-07 (MEM) Blue Tooth- CIRCUIT DIAGRAM(waS7500)



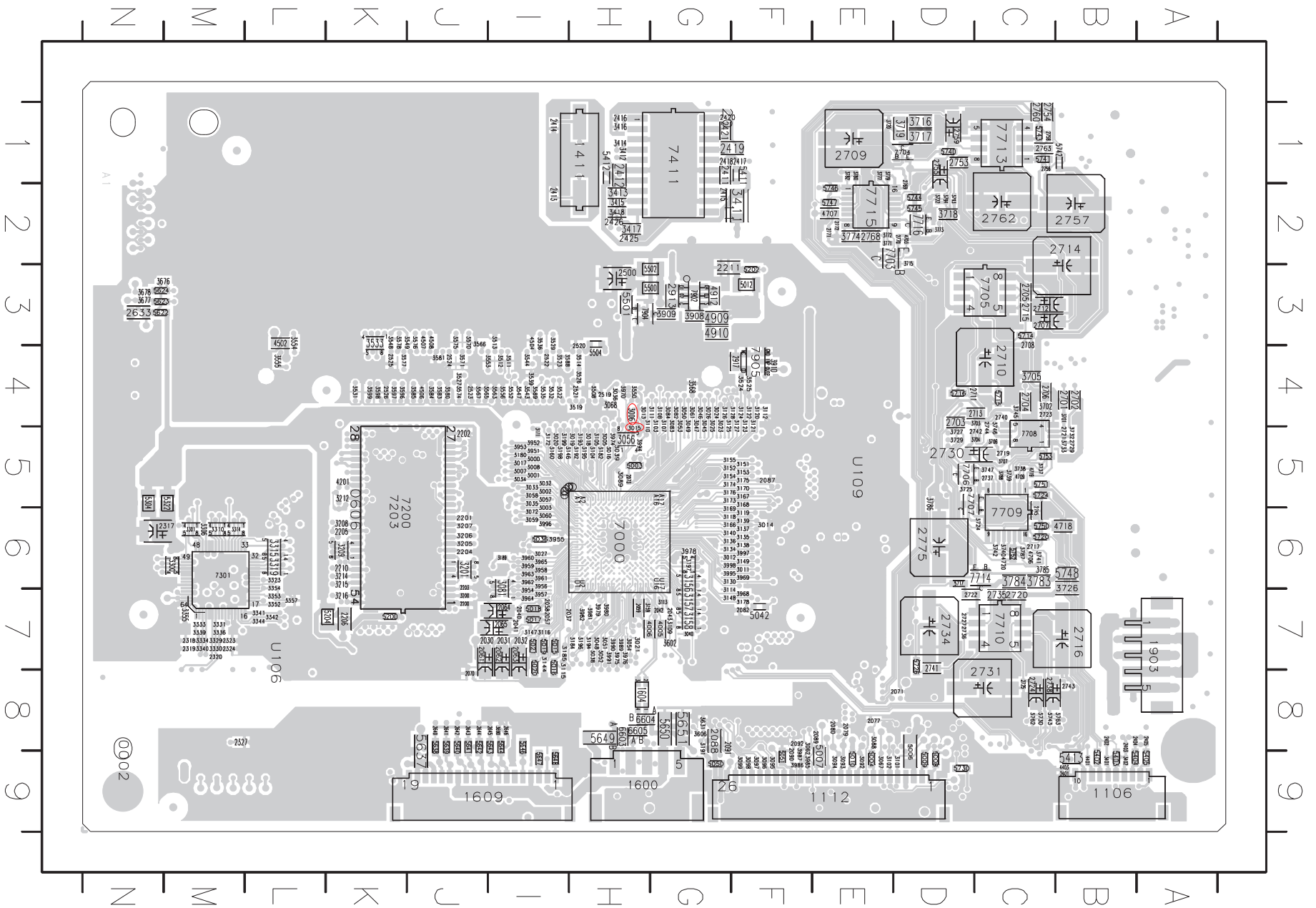
- 1801 B2
- 2801 A7
- 2802 A8
- 2803 A5
- 3804 A3
- 3805 B4
- 3806 A5
- 3807 A8
- 3810 B9
- 3811 B8
- 3814 B8
- 3815 B8
- 3816 C6
- 3817 C6
- 3818 C6
- 3819 C6
- 3820 D6
- 3821 D6
- 3822 D6
- 3823 E6
- 3824 A5
- 4806 D3
- 4810 B8
- 4811 D2
- 5801 C2
- 5802 C2
- 5803 D6
- 5805 D6
- 5806 D2
- 5807 D2
- 5808 E5
- 5809 E5
- 5811 C2
- 5812 D2
- 7804 A9
- 7805 A6
- 7807 B3
- F801 E4
- F802 E4
- F803 E4
- F804 D6
- F805 D6

Wessli-07 (MEM) SUPPLY - CIRCUIT DIAGRAM(waS7500)



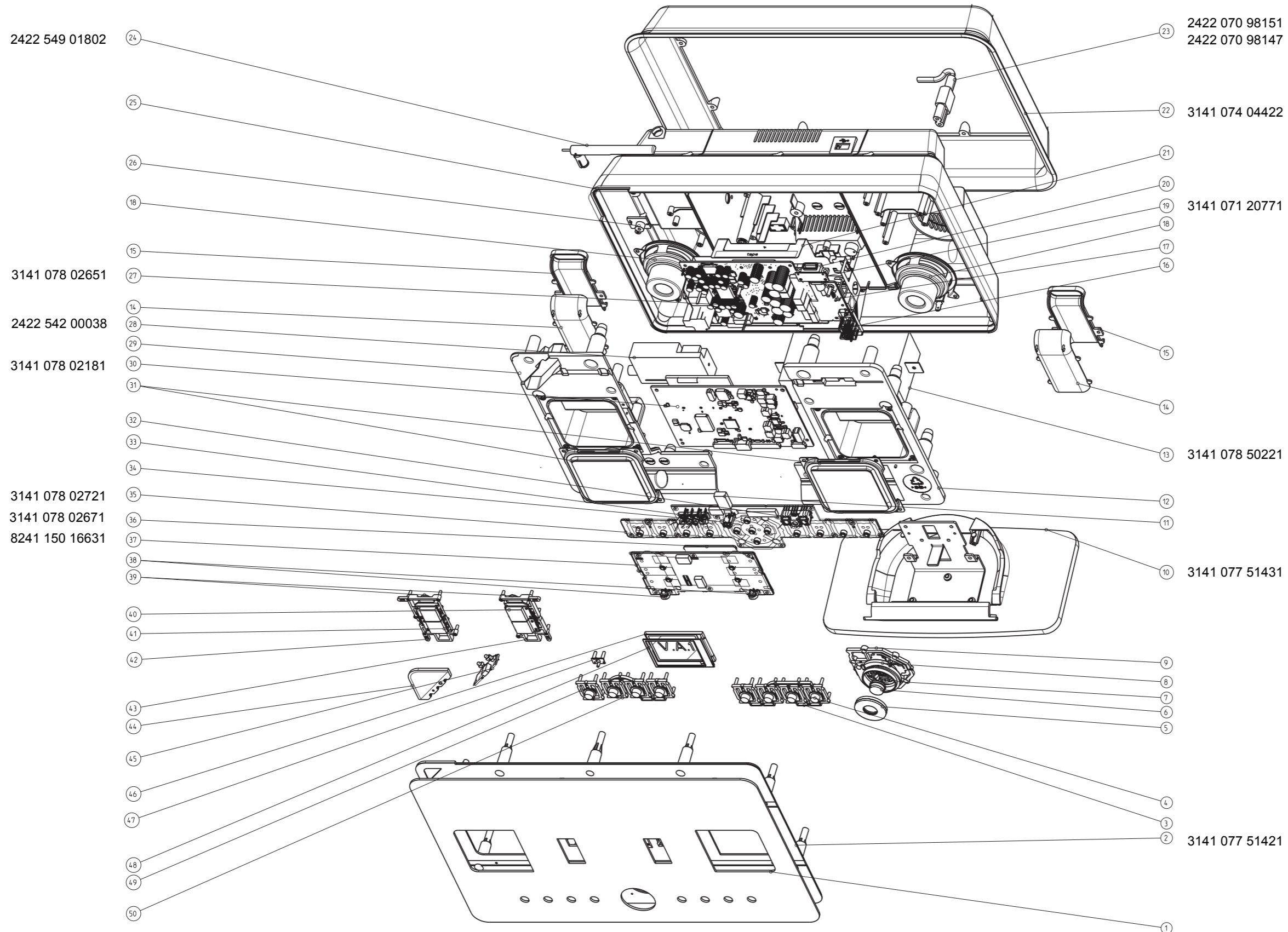
- 1901 B2
- 1902 B3
- 1903 B1
- 1904 C1
- 1905 F1
- 1906 F1
- 2900 A4
- 2901 A4
- 2902 B4
- 2903 B4
- 2904 B8
- 2905 B8
- 2906 B9
- 2907 B9
- 2908 B6
- 2909 C3
- 2910 C3
- 2911 C4
- 2912 D4
- 2913 E6
- 2914 E2
- 2915 E3
- 2916 E4
- 2917 F2
- 2918 D8
- 2919 D7
- 2920 D7
- 2921 F8
- 2922 F7
- 2923 F7
- 3900 A4
- 3901 A4
- 3902 A4
- 3903 A4
- 3904 B4
- 3905 B7
- 3906 B8
- 3908 E6
- 3909 E6
- 3910 F3
- 3911 C9
- 3912 C8
- 3913 C7
- 3914 C8
- 3915 C9
- 4903 B3
- 4909 D5
- 4910 D6
- 4911 E8
- 4912 E6
- 5900 B7
- 5901 B7
- 5902 B8
- 5903 B3
- 5904 B3
- 5905 C2
- 5906 E7
- 5907 E7
- 6900 B7
- 7900 A5
- 7901 C3
- 7902 E6
- 7903 D3
- 7904 F6
- 7905 F3
- 7906 C8
- 7907 D7
- 7908 E7
- F901 B2
- F902 B2
- F903 B2
- F904 C2
- F905 B9
- F908 F4
- F909 E7
- F910 C4
- F911 D4

Wessli-07 (MEM) - PCB LAYOUT DIAGRAM(waS7500)



| | | | | | | |
|-----|------|---|----|---|----|----|
| 1 | 106 | B | 01 | H | 98 | 99 |
| 2 | 111 | B | 01 | H | 98 | 99 |
| 3 | 141 | B | 01 | H | 98 | 99 |
| 4 | 160 | B | 01 | H | 98 | 99 |
| 5 | 1604 | B | 01 | H | 98 | 99 |
| 6 | 1609 | B | 01 | H | 98 | 99 |
| 7 | 203 | B | 01 | H | 98 | 99 |
| 8 | 2031 | B | 01 | H | 98 | 99 |
| 9 | 2032 | B | 01 | H | 98 | 99 |
| 10 | 2037 | B | 01 | H | 98 | 99 |
| 11 | 2041 | B | 01 | H | 98 | 99 |
| 12 | 2042 | B | 01 | H | 98 | 99 |
| 13 | 2053 | B | 01 | H | 98 | 99 |
| 14 | 2057 | B | 01 | H | 98 | 99 |
| 15 | 2063 | B | 01 | H | 98 | 99 |
| 16 | 2064 | B | 01 | H | 98 | 99 |
| 17 | 2070 | B | 01 | H | 98 | 99 |
| 18 | 2073 | B | 01 | H | 98 | 99 |
| 19 | 2077 | B | 01 | H | 98 | 99 |
| 20 | 2080 | B | 01 | H | 98 | 99 |
| 21 | 2087 | B | 01 | H | 98 | 99 |
| 22 | 2092 | B | 01 | H | 98 | 99 |
| 23 | 2099 | B | 01 | H | 98 | 99 |
| 24 | 2200 | B | 01 | H | 98 | 99 |
| 25 | 2201 | B | 01 | H | 98 | 99 |
| 26 | 2202 | B | 01 | H | 98 | 99 |
| 27 | 2203 | B | 01 | H | 98 | 99 |
| 28 | 2204 | B | 01 | H | 98 | 99 |
| 29 | 2205 | B | 01 | H | 98 | 99 |
| 30 | 2206 | B | 01 | H | 98 | 99 |
| 31 | 2207 | B | 01 | H | 98 | 99 |
| 32 | 2208 | B | 01 | H | 98 | 99 |
| 33 | 2209 | B | 01 | H | 98 | 99 |
| 34 | 2210 | B | 01 | H | 98 | 99 |
| 35 | 2211 | B | 01 | H | 98 | 99 |
| 36 | 2212 | B | 01 | H | 98 | 99 |
| 37 | 2213 | B | 01 | H | 98 | 99 |
| 38 | 2214 | B | 01 | H | 98 | 99 |
| 39 | 2215 | B | 01 | H | 98 | 99 |
| 40 | 2216 | B | 01 | H | 98 | 99 |
| 41 | 2217 | B | 01 | H | 98 | 99 |
| 42 | 2218 | B | 01 | H | 98 | 99 |
| 43 | 2219 | B | 01 | H | 98 | 99 |
| 44 | 2220 | B | 01 | H | 98 | 99 |
| 45 | 2221 | B | 01 | H | 98 | 99 |
| 46 | 2222 | B | 01 | H | 98 | 99 |
| 47 | 2223 | B | 01 | H | 98 | 99 |
| 48 | 2224 | B | 01 | H | 98 | 99 |
| 49 | 2225 | B | 01 | H | 98 | 99 |
| 50 | 2226 | B | 01 | H | 98 | 99 |
| 51 | 2227 | B | 01 | H | 98 | 99 |
| 52 | 2228 | B | 01 | H | 98 | 99 |
| 53 | 2229 | B | 01 | H | 98 | 99 |
| 54 | 2230 | B | 01 | H | 98 | 99 |
| 55 | 2231 | B | 01 | H | 98 | 99 |
| 56 | 2232 | B | 01 | H | 98 | 99 |
| 57 | 2233 | B | 01 | H | 98 | 99 |
| 58 | 2234 | B | 01 | H | 98 | 99 |
| 59 | 2235 | B | 01 | H | 98 | 99 |
| 60 | 2236 | B | 01 | H | 98 | 99 |
| 61 | 2237 | B | 01 | H | 98 | 99 |
| 62 | 2238 | B | 01 | H | 98 | 99 |
| 63 | 2239 | B | 01 | H | 98 | 99 |
| 64 | 2240 | B | 01 | H | 98 | 99 |
| 65 | 2241 | B | 01 | H | 98 | 99 |
| 66 | 2242 | B | 01 | H | 98 | 99 |
| 67 | 2243 | B | 01 | H | 98 | 99 |
| 68 | 2244 | B | 01 | H | 98 | 99 |
| 69 | 2245 | B | 01 | H | 98 | 99 |
| 70 | 2246 | B | 01 | H | 98 | 99 |
| 71 | 2247 | B | 01 | H | 98 | 99 |
| 72 | 2248 | B | 01 | H | 98 | 99 |
| 73 | 2249 | B | 01 | H | 98 | 99 |
| 74 | 2250 | B | 01 | H | 98 | 99 |
| 75 | 2251 | B | 01 | H | 98 | 99 |
| 76 | 2252 | B | 01 | H | 98 | 99 |
| 77 | 2253 | B | 01 | H | 98 | 99 |
| 78 | 2254 | B | 01 | H | 98 | 99 |
| 79 | 2255 | B | 01 | H | 98 | 99 |
| 80 | 2256 | B | 01 | H | 98 | 99 |
| 81 | 2257 | B | 01 | H | 98 | 99 |
| 82 | 2258 | B | 01 | H | 98 | 99 |
| 83 | 2259 | B | 01 | H | 98 | 99 |
| 84 | 2260 | B | 01 | H | 98 | 99 |
| 85 | 2261 | B | 01 | H | 98 | 99 |
| 86 | 2262 | B | 01 | H | 98 | 99 |
| 87 | 2263 | B | 01 | H | 98 | 99 |
| 88 | 2264 | B | 01 | H | 98 | 99 |
| 89 | 2265 | B | 01 | H | 98 | 99 |
| 90 | 2266 | B | 01 | H | 98 | 99 |
| 91 | 2267 | B | 01 | H | 98 | 99 |
| 92 | 2268 | B | 01 | H | 98 | 99 |
| 93 | 2269 | B | 01 | H | 98 | 99 |
| 94 | 2270 | B | 01 | H | 98 | 99 |
| 95 | 2271 | B | 01 | H | 98 | 99 |
| 96 | 2272 | B | 01 | H | 98 | 99 |
| 97 | 2273 | B | 01 | H | 98 | 99 |
| 98 | 2274 | B | 01 | H | 98 | 99 |
| 99 | 2275 | B | 01 | H | 98 | 99 |
| 100 | 2276 | B | 01 | H | 98 | 99 |
| 101 | 2277 | B | 01 | H | 98 | 99 |
| 102 | 2278 | B | 01 | H | 98 | 99 |
| 103 | 2279 | B | 01 | H | 98 | 99 |
| 104 | 2280 | B | 01 | H | 98 | 99 |
| 105 | 2281 | B | 01 | H | 98 | 99 |
| 106 | 2282 | B | 01 | H | 98 | 99 |
| 107 | 2283 | B | 01 | H | 98 | 99 |
| 108 | 2284 | B | 01 | H | 98 | 99 |
| 109 | 2285 | B | 01 | H | 98 | 99 |
| 110 | 2286 | B | 01 | H | 98 | 99 |
| 111 | 2287 | B | 01 | H | 98 | 99 |
| 112 | 2288 | B | 01 | H | 98 | 99 |
| 113 | 2289 | B | 01 | H | 98 | 99 |
| 114 | 2290 | B | 01 | H | 98 | 99 |
| 115 | 2291 | B | 01 | H | 98 | 99 |
| 116 | 2292 | B | 01 | H | 98 | 99 |
| 117 | 2293 | B | 01 | H | 98 | 99 |
| 118 | 2294 | B | 01 | H | 98 | 99 |
| 119 | 2295 | B | 01 | H | 98 | 99 |
| 120 | 2296 | B | 01 | H | 98 | 99 |
| 121 | 2297 | B | 01 | H | 98 | 99 |
| 122 | 2298 | B | 01 | H | 98 | 99 |
| 123 | 2299 | B | 01 | H | 98 | 99 |
| 124 | 2300 | B | 01 | H | 98 | 99 |
| 125 | 2301 | B | 01 | H | 98 | 99 |
| 126 | 2302 | B | 01 | H | 98 | 99 |
| 127 | 2303 | B | 01 | H | 98 | 99 |
| 128 | 2304 | B | 01 | H | 98 | 99 |
| 129 | 2305 | B | 01 | H | 98 | 99 |
| 130 | 2306 | B | 01 | H | 98 | 99 |
| 131 | 2307 | B | 01 | H | 98 | 99 |
| 132 | 2308 | B | 01 | H | 98 | 99 |
| 133 | 2309 | B | 01 | H | 98 | 99 |
| 134 | 2310 | B | 01 | H | 98 | 99 |
| 135 | 2311 | B | 01 | H | 98 | 99 |
| 136 | 2312 | B | 01 | H | 98 | 99 |
| 137 | 2313 | B | 01 | H | 98 | 99 |
| 138 | 2314 | B | 01 | H | 98 | 99 |
| 139 | 2315 | B | 01 | H | 98 | 99 |
| 140 | 2316 | B | 01 | H | 98 | 99 |
| 141 | 2317 | B | 01 | H | 98 | 99 |
| 142 | 2318 | B | 01 | H | 98 | 99 |
| 143 | 2319 | B | 01 | H | 98 | 99 |
| 144 | 2320 | B | 01 | H | 98 | 99 |
| 145 | 2321 | B | 01 | H | 98 | 99 |
| 146 | 2322 | B | 01 | H | 98 | 99 |
| 147 | 2323 | B | 01 | H | 98 | 99 |
| 148 | 2324 | B | 01 | H | 98 | 99 |
| 149 | 2325 | B | 01 | H | 98 | 99 |
| 150 | 2326 | B | 01 | H | 98 | 99 |
| 151 | 2327 | B | 01 | H | 98 | 99 |
| 152 | 2328 | B | 01 | H | 98 | 99 |
| 153 | 2329 | B | 01 | H | 98 | 99 |
| 154 | 2330 | B | 01 | H | 98 | 99 |
| 155 | 2331 | B | 01 | H | 98 | 99 |
| 156 | 2332 | B | 01 | H | 98 | 99 |
| 157 | 2333 | B | 01 | H | 98 | 99 |
| 158 | 2334 | B | 01 | H | 98 | 99 |
| 159 | 2335 | B | 01 | H | 98 | 99 |
| 160 | 2336 | B | 01 | H | 98 | 99 |
| 161 | 2337 | B | 01 | H | 98 | 99 |
| 162 | 2338 | B | 01 | H | 98 | 99 |
| 163 | 2339 | B | 01 | H | 98 | 99 |
| 164 | 2340 | B | 01 | H | 98 | 99 |
| 165 | 2341 | B | 01 | H | 98 | 99 |
| 166 | 2342 | B | 01 | H | 98 | 99 |
| 167 | 2343 | B | 01 | H | 98 | 99 |
| 168 | 2344 | B | 01 | H | 98 | 99 |
| 169 | 2345 | B | 01 | H | 98 | 99 |
| 170 | 2346 | B | 01 | H | 98 | 99 |
| 171 | 2347 | B | 01 | H | 98 | 99 |
| 172 | 2348 | B | 01 | H | 98 | 99 |
| 173 | 2349 | B | 01 | H | 98 | 99 |
| 174 | 2350 | B | 01 | H | 98 | 99 |
| 175 | 2351 | B | 01 | H | 98 | 99 |
| 176 | 2352 | B | 01 | H | 98 | 99 |
| 177 | 2353 | B | 01 | H | 98 | 99 |
| 178 | 2354 | B | 01 | H | 98 | 99 |
| 179 | 2355 | B | 01 | H | 98 | 99 |
| 180 | 2356 | B | 01 | H | 98 | 99 |
| 181 | 2357 | B | 01 | H | 98 | 99 |
| 182 | 2358 | B | 01 | H | 98 | 99 |
| 183 | 2359 | B | 01 | H | 98 | 99 |
| 184 | 2360 | B | 01 | H | 98 | 99 |
| 185 | 2361 | B | 01 | H | 98 | 99 |
| 186 | 2362 | B | 01 | H | 98 | 99 |
| 187 | 2363 | B | 01 | H | 98 | 99 |
| 188 | 2364 | B | 01 | H | 98 | 99 |
| 189 | 2365 | B | 01 | H | 98 | 99 |
| 190 | 2366 | B | 01 | H | 98 | 99 |
| 191 | 2367 | B | 01 | H | 98 | 99 |
| 192 | 2368 | B | 01 | H | 98 | 99 |
| 193 | 2369 | B | 01 | H | 98 | 99 |
| 194 | 2370 | B | 01 | H | 98 | 99 |
| 195 | 2371 | B | 01 | H | 98 | 99 |
| 196 | 2372 | B | 01 | H | 98 | 99 |
| 197 | 2373 | B | 01 | H | 98 | 99 |
| 198 | 2374 | B | 01 | H | 98 | 99 |
| 199 | 2375 | B | 01 | H | 98 | 99 |
| 200 | 2376 | B | 01 | H | 98 | 99 |
| 201 | 2377 | B | 01 | H | 98 | 99 |
| 202 | 2378 | B | 01 | H | 98 | 99 |
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| 204 | 2380 | B | 01 | H | 98 | 99 |
| 205 | 2381 | B | 01 | H | 98 | 99 |
| 206 | 2382 | B | 01 | H | 98 | 99 |
| 207 | 2383 | B | 01 | H | 98 | 99 |
| 208 | 2384 | B | 01 | H | 98 | 99 |
| 209 | 2385 | B | 01 | H | 98 | 99 |
| 210 | 2386 | B | 01 | H | 98 | 99 |
| 211 | 2387 | B | 01 | H | 98 | 99 |
| 212 | 2388 | B | 01 | H | 98 | 99 |
| 213 | 2389 | B | 01 | H | 98 | 99 |
| 214 | 2390 | B | 01 | H | 98 | 99 |
| 215 | 2391 | B | 01 | H | 98 | 99 |
| 216 | 2392 | B | 01 | H | 98 | 99 |
| 217 | 2393 | B | 01 | H | 98 | 99 |
| 218 | 2394 | B | 01 | H | 98 | 99 |
| 219 | 2395 | B | 01 | H | 98 | 99 |
| 220 | 2396 | B | 01 | H | 98 | 99 |
| 221 | 2397 | B | 01 | H | 98 | 99 |
| 222 | 2398 | B | 01 | H | 98 | 99 |
| 223 | 2399 | B | 01 | H | 98 | 99 |

EXPLODE DIAGRAM(waS7500)



| Item | Description |
|------|-----------------------------------|
| 1 | PANEL PMMA W AS7500/12 |
| 2 | FRONT BOARD W AS7500/12 |
| 3 | BUTTON VOLUME W AS7500/12 |
| 4 | CAP PMMA W AS7500/12 |
| 5 | BUTTON NAVIGATION W AS7500 /12 |
| 6 | BUTTON OK W AS7500/12 |
| 7 | LIGHTGUIDE NAVIGATION W AS7500/12 |
| 8 | REFLECTOR SHEET W AS7500/12 |
| 9 | BRACKET NAVIGATION W AS7500/12 |
| 10 | STAND ASS'Y/12 |
| 11 | SPONGE LCD SUPPORT W AS7500/12 |
| 12 | COVER RIGHT W AS7500/12 |
| 13 | SMPS W AS7500/12 |
| 14 | PIPE UP W AS7500/12 |
| 15 | PIPE DOWN W AS7500 /12 |
| 16 | AC SOCKET |
| 17 | INTERFACE BOARD W AS7500/12 |
| 18 | WOOFER W AS7500/12 |
| 19 | PLATE USB W AS7500/12 |
| 20 | USB SOCKET |
| 21 | GROUNDING LINE IN W AS7500/12 |
| 22 | FLARE COVER W AS7500/12 |
| 23 | AC CORD |
| 24 | WIFI ANTENNA |
| 25 | CAB REAR W AS7500/12 |
| 26 | COVER ANT W AS7500/12 |
| 27 | AF BOARD W AS7500/12 |
| 28 | TUNER |
| 29 | COVER LEFT W AS7500/12 |
| 30 | WIFI MODULE W AS7500/12 |
| 31 | FLAT SPEAKER W AS7500/12 |
| 32 | BRACKET LED W 10/22 |
| 33 | BRACKET RECEIVER W AC7000 |
| 34 | HOLDER LED KEY W AC7500/12 |
| 35 | KEY-BOARD W AS7500/12 |
| 36 | LCD INTERFACE PCB W AS7500/12 |
| 37 | LCD BOARD W AS7500/12 |
| 38 | HOLDER LED FUN W AC7500/12 |
| 39 | LIGHTGUIDE FUNCTION W AS7500 /12 |
| 40 | BUTTON FUNCTION R W AS7500/12 |
| 41 | BUTTON FUNCTION L W AS7500/12 |
| 42 | BKT FUNCTION L W AS7500/12 |
| 43 | BKT FUNCTION R W AS7500/12 |
| 44 | LIGHTGUIDE STREAM W AS7500/12 |
| 45 | STREAM BOARD W AS7500/12 |
| 46 | LCD W AS7500/12 |
| 47 | LIGHTGUIDE POWER W AS7500/12 |
| 48 | SPONGE LCD W AS7500/12 |
| 49 | BUTTON POWER W AS7500/12 |
| 50 | BUTTON MENU W AS7500/12 |

ACCESSORIES PARTS LIST

| | | |
|-----|--------------|---------------------------------------|
| 260 | 314107751411 | SOUNDBOX ASS'Y WAS7500/12 (/05/12) |
| 260 | 314107751521 | SOUNDBOX ASSY WAS7500/37 (/37) |
| 261 | 314107751421 | FRONT BOARD ASS'Y WAS7500/12 (/05/12) |
| 261 | 314107751531 | FRONT BOARD ASSY WAS7500/37 (/37) |
| 262 | 314107751431 | STAND ASS'Y/12 |
| 457 | 314107870311 | CD ROM INSTALL SW WAC7500/12 |
| 458 | 242207600569 | CBLE LAN 1M5 LAN RJ45 B |
| 461 | 313923816391 | RC2023622/01 |
| 462 | 314107040321 | SCREW WALL FIX WAS700 |
| 463 | 314107120841 | WALL MOUNT WAS7500/12 |

MECHANICAL&MISCELLANEOUS PARTS FOR WAS7500

| | | |
|-------------|--------------|--|
| 476 | 242207098151 | MAINSCORD EUR 2A5 1M5 DET 2P B (/12) |
| 476 | 242207098147 | MAINSCORD UK 2A5 1M5 DET 2P B (/05) |
| 476 | 242207000106 | MAINSCORD UL 7A 1M5 DET 2P B (37) |
| 478 | 242207600687 | ANT FM DIP SD-2380 B |
| 1000 | 242254901802 | ANT WIFI 2450MHZ 50R WAS7500 Y |
| 1003 | 314107850221 | MODULE SMPS WAS7500/12 (/05/12) |
| 1003 | 314107850261 | MODULE SMPS WAS7500/55 (/37) |
| 1004A | 272217100573 | LCD MODULE YB-TG240320C12B Y |
| 1004C | 272217100601 | LCD MODULE YB-TG240320C12C Y |
| 1005A | | MOD WessLi-07A WAS7500/12 (/05/12) |
| 1000 | 314107802761 | PBAS - WessLi_07A WAS7500/12 |
| 1003 | 282206501728 | WMOD WIFIG MPC1 MP-G-BR-05 Y |
| 1005B | | MOD Wessli_07B WAS7500/12 (/05/12) |
| 1000 | 314107802841 | PBAS Wessli_07B WAS7500/12 |
| 1003 | 282206501728 | WMOD WIFIG MPC1 MP-G-BR-05 Y |
| 1003 | 282206502109 | WMOD WIFIG MPC1 PM101_US B(282206501728) |
| 1005C | | MODULE WessLi-07C WAS7500/12 (/05/12) |
| 1000 | 314107803121 | PBAS WessLi-07C WAS7500/12 |
| 1003 | 282206501728 | WMOD WIFIG MPC1 MP-G-BR-05 Y |
| 1003 | 282206502109 | WMOD WIFIG MPC1 PM101_US B |
| 1005A | | MOD WessLi-07B WAS7500/37 (/37) |
| 1000 | 314107802911 | PBAS Wessli_07B WAS7500/37 |
| 1003 | 282206501728 | WMOD WIFIG MPC1 MP-G-BR-05 Y |
| 1005C | | Module WessLi-07C WAS7500/37 (/37) |
| 1000 | 314107803131 | PBAS WessLi-07C WAS7500/37 |
| 1003 | 282206502109 | WMOD WIFIG MPC1 PM101_US B |
| 1006 | 242254200048 | TUN FM ENG06840QF USA B (/37) |
| 1006A | 242254200038 | TUN A+F ENG07815QF EUR B (/05/12) |
| 1006B | 242254200049 | TUN FM ENG07826QF EUR B (/05/12) |
| 1007 | 314107802651 | PBAS 4 - AF WAS7500_RDS |
| 1009 | 314107802671 | PBAS 5 - LCD_CON WAS7500 |
| 1012 | 314107802721 | PBAS 3 - KEYS WAS7500 |
| 1021 | 314107802681 | PBAS 6 - KEYS & RC WAS7500 |
| 1022 | 314107802691 | PBAS 7 - Ipod&Ethernet WAS7500 |
| 1023 | 314107802701 | PBAS 8 - WIFI LED WAS7500 |
| 201 | 314107404422 | FLARE COVER WAS7500/12 |

MECHANICAL&MISCELLANEOUS PARTS FOR WAS7500

| | | |
|------|--------------|--------------------------------|
| 203 | 314107120771 | PLATE USB WAS7500/12 |
| 8000 | 313911104471 | FFC FOIL 10P/180/10P BD |
| 8001 | 314107021581 | FFC 23P/200/23P 1MM BD |
| 8004 | 313924102881 | FFC FOIL 26P/100/26P BD 1MMP |
| 8005 | 314107021881 | FFC FOIL 24P/120/24P BD 0.5MMP |
| 8007 | 314107021741 | CBLE 5P PH/280/USB-A (REC) |
| 8011 | 314107021771 | FFC FOIL 19P/280/19P BD 1MMP |
| 8013 | 313911104111 | FFC FOIL 09P/100/09P AD 1MMP |

Note: Only these parts mentioned in the list are normal service parts.

Variant for WACS7500

| PBAS 12NC of Melody module | Description of Melody PBAS | Version setting in Melody PBAS | | | | | | Flash Memory size in Melody module | Tuner module | | | LCD module | | | Technical Set | Software Version |
|----------------------------|---------------------------------|--------------------------------|------|------|------|------|------|------------------------------------|--------------|--------------|-----------------------------|------------|--------------|------------------------------|------------------------------|--------------------------------------|
| | | V1 | | V2 | | V3 | | | Version | 12NC | Description | Drive IC | 12NC | Description | | |
| | | 3087 | 3078 | 3006 | 3015 | 3022 | 3973 | | | | | | | | | |
| 314107802251 | PBAS HasLi-07A WAC7500/12 | 15K | X | 10K | X | X | 10K | 2MB | EU, TM10_V1 | 242254200038 | TUN A+F ENG07815QF EUR B | HX8346 | 272217100572 | LCD MODULE YB-TG240320C13B Y | WAC7500/12 (314107910361) | |
| 314107802851 | PBAS Hasli_07A WAC7500/12_TU_V2 | 15K | X | 10K | X | 10K | X | 2MB | EU, TM10_V2 | 242254200049 | TUN FM ENG07826QF EUR B | HX8346 | 272217100572 | LCD MODULE YB-TG240320C13B Y | WAC7500/12 (314107910361) | |
| 314107802891 | PBAS Hasli_07A WAC7500/37_TU_V2 | 15K | X | X | 10K | 10K | X | 2MB | USA, TM10_V2 | 242254200048 | TUN FM ENG06840QF USA B | HX8346 | 272217100572 | LCD MODULE YB-TG240320C13B Y | WAC7500/37 (314107910451) | |
| 314107802221 | PBAS Wessli_07 WAS7500/12 | 15K | 10K | 10K | X | X | 10K | 8MB | EU, TM10_V1 | 242254200038 | TUN A+F ENG07815QF EUR B | HX8346 | 272217100573 | LCD MODULE YB-TG240320C12B Y | WAS7500/12 (867000030233) | |
| 314107802761 | PBAS Wessli_07A WAS7500/12 | 15K | 3K3 | 10K | X | X | 10K | 16MB | EU, TM10_V1 | 242254200038 | TUN A+F ENG07815QF EUR B | HX8346 | 272217100573 | LCD MODULE YB-TG240320C12B Y | WAS7500/12 (867000030233) | |
| 314107802841 | PBAS Wessli_07B WAS7500/12 | 15K | 3K3 | 10K | X | 10K | X | 16MB | EU, TM10_V2 | 242254200049 | TUN FM ENG07826QF EUR B | HX8346 | 272217100573 | LCD MODULE YB-TG240320C12B Y | WAS7500/12 (867000030233) | |
| 314107802911 | PBAS wessli_07B WAS7500/37 | 15K | 3K3 | X | 10K | 10K | X | 16MB | USA, TM10_V2 | 242254200048 | TUN FM ENG06840QF USA B | HX8346 | 272217100573 | LCD MODULE YB-TG240320C12B Y | WAS7500/37 (867000034428) | |
| 314107803081 | PBAS HasLi-07B WAC7500/12 | 27K | 3K3 | 10K | X | 10K | X | 2MB | EU, TM10_V2 | 242254200049 | TUN FM ENG07826QF EUR B | HX8347 | 272217100599 | LCD MODULE YB-TG240320C13C Y | WAC7500/12 (314107910361) | SW version should be V1.18 or later. |
| 314107803091 | PBAS HasLi-07B WAC7500/37 | 27K | 3K3 | X | 10K | 10K | X | 2MB | USA, TM10_V2 | 242254200048 | TUN FM ENG06840QF USA B | HX8347 | 272217100599 | LCD MODULE YB-TG240320C13C Y | WAC7500/37 (314107910451) | |
| 314107803121 | PBAS WessLi-07C WAS7500/12 | 3K3 | 27K | 10K | X | 10K | X | 16Mb | EU, TM10_V2 | 242254200049 | TUN FM ENG07826QF EUR B | HX8347 | 272217100601 | LCD MODULE YB-TG240320C12C Y | WAS7500/12 (867000030233) | |
| 314107803131 | PBAS WessLi-07C WAS7500/37 | 3K3 | 27K | X | 10K | 10K | X | 16MB | USA, TM10_V2 | 242254200048 | TUN FM ENG06840QF USA B | HX8347 | 272217100601 | LCD MODULE YB-TG240320C12C Y | WAS7500/37 (867000034428) | |

WAC7500/12 : 314107802251 (PB-Hasli-07A) is used from 07.06.2007 to 15.06.2008 in production
 314107802851 (PB-Hasli-07A) is used from 15.06.2008 to 17.07.2008 in production
 314107803081 (PB-Hasli-07B) is used from 17.07.2008 in production

242254200038 (Tuner module) is used from 07.06.2007 to 15.06.2008 in production
 242254200049 (Tuner module) is used from 15.06.2008 in production

272217100572 (LCD module) is used from 07.06.2007 to 17.07.2008 in production
 272217100599 (LCD module) is used from 17.07.2008 in production

WAS7500/12 : 314107802761 (PB-Hasli-07A) is used from 06.10.2007 to 15.06.2008 in production
 314107802841 (PB-Hasli-07B) is used from 15.06.2008 to 17.07.2008 in production
 314107803121 (PB-Hasli-07B) is used from 17.07.2008 in production

242254200038 (Tuner module) is used from 07.06.2007 to 15.06.2008 in production
 242254200049 (Tuner module) is used from 15.06.2008 in production

272217100573 (LCD module) is used from 07.06.2007 to 17.07.2008 in production
 272217100601 (LCD module) is used from 17.07.2008 in production

WAC7500/37 : 314107802891 (PB-Hasli-07A) is used from 10.12.2007 to 15.06.2008 in production
 314107803091 (PB-Hasli-07B) is used from 17.07.2008 in production

272217100572 (LCD module) is used from 10.12.2007 to 17.07.2008 in production
 272217100599 (LCD module) is used from 17.07.2008 in production

WAS7500/37 : 314107802911 (PB-Hasli-07B) is used from 10.12.2007 to 17.07.2008 in production
 314107803131 (PB-Hasli-07B) is used from 15.04.2008 in production

272217100573 (LCD module) is used from 10.12.2007 to 17.07.2008 in production
 272217100601 (LCD module) is used from 17.07.2008 in production

TIPS: Old Hasli Board can be used by modify the resister 3087,3078,3006,3015,3022,3973 (has been marked in the diagrams of the service manual) when adopt the new Tuner module or LCM module.